Savannah River NUCLEAR SOLUTIONS℠

# Effectiveness Monitoring Report for the Monitored Natural Attenuation (MNA) at the Chemicals, Metals, and Pesticides (CMP) Pits Operable Unit (OU) (U)

## April 2025 through March 2026

## SEMS Number: 24

## SRNS-RP-2026-00316

## Revision 0

## June 2026

SAVANNAH RIVER SITE • AIKEN, SOUTH CAROLINA

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**Printed in the United States of America**
**Prepared for**
**U. S. Department of Energy**
**and**
**Savannah River Site Nuclear Solutions, LLC**
**Aiken, South Carolina**

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## LIST OF ACRONYMS AND ABBREVIATIONS

| | |
|---|---|
| 1,1,2-TCA | 1,1,2-trichloroethane |
| 1,1-DCE | 1,1-dichloroethylene |
| bgs | below ground surface |
| amsl | above mean sea level |
| c-1,2-DCE | cis-1,2-dichloroethylene |
| $CCl_4$ | carbon tetrachloride |
| CERCLA | Comprehensive Environmental Response, Compensation, and Liability Act |
| CMCOC | contaminant migration constituent of concern |
| CMP | chemicals, metals, and pesticides |
| COC | constituent of concern |
| CSIA | compound specific isotope analysis |
| CSM | conceptual site model |
| CY | calendar year |
| DCM | dichloromethane (methylene chloride) |
| DEHP | bis-(2-ethylhexyl) phthalate |
| DNAPL | dense non-aqueous phase liquid |
| EMP | Effectiveness Monitoring Plan |
| EMR | Effectiveness Monitoring Report |
| ERH | electrical resistance heating |
| ft | feet |
| GA | Gordon aquifer |
| GCCZ | Green Clay Confining Zone |
| GC-IRMS | gas chromatography-isotope ratio mass spectrometry |
| gpm | gallons per minute |
| GWPS | groundwater protection standard |
| HDPE | high-density polyethylene |
| LAZ | lower aquifer zone |
| m | meters |
| µg/L | microgram per liter |
| µg/kg | microgram per kilogram |
| MAZ | middle aquifer zone |
| MCL | maximum contaminant level |
| mg/kg | milligram per kilogram |
| MNA | monitored natural attenuation |
| OU | operable unit |
| PCE | tetrachloroethylene |
| PDB | passive diffusion bag |
| RA | remedial action |
| RCRA | Resource Conservation and Recovery Act |
| RFI/RI | RCRA Facility Investigation/Remedial Investigation |
| RG | remedial goal |
| ROD | Record of Decision |

## LIST OF ACRONYMS AND ABBREVIATIONS (*continued, end*)

| | |
|---|---|
| RSL | Regional Screening Level |
| SCDES | South Carolina Department of Environmental Services[1] |
| SCSU | South Carolina State University |
| SRNL | Savannah River National Lab |
| SRNS | Savannah River Nuclear Solutions LLC |
| SRS | Savannah River Site |
| SVE | soil vapor extraction |
| TCCZ | Tan Clay Confining Zone |
| TCLC | Tan Clay Lower Clay |
| TCE | trichloroethylene |
| t-1,2-DCE | trans-1,2-dichloroethylene |
| TZ | transmissive zone |
| USEPA | U.S. Environmental Protection Agency |
| UTRA | Upper Three Runs aquifer |
| VC | vinyl chloride |
| VOC | volatile organic compound |
| VU | verified and unvalidated |
| WSRC | Westinghouse Savannah River Company LLC (before October 2005) |
| WSRC | Washington Savannah River Company LLC (October 2005- July 2008) |

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

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# 1.0 INTRODUCTION

This Effectiveness Monitoring Report (EMR) addresses the Monitored Natural Attenuation (MNA) groundwater remedy at the Chemicals, Metals, and Pesticides (CMP) Pits Operable Unit (OU) for the period from April 2025 through March 2026. The monitoring requirements for the CMP Pits OU are identified in the Effectiveness Monitoring Plan (EMP) (WSRC 2006b).

## 1.1 Operable Unit Background

The CMP Pits OU is located in the central portion of the Savannah River Site (SRS) approximately one mile north of L Area (Figure 1). The CMP Pits were identified as a Resource Conservation and Recovery Act/Comprehensive Environmental Response, Compensation and Liability Act (RCRA/CERCLA) unit in the Savannah River Site Federal Facility Agreement in 1989. The subunits of the CMP Pits OU were evaluated in the *RCRA Facility Investigation/Remedial Investigation Addendum with Baseline Risk Assessment for the CMP Pits (U)* (WSRC 2003). The CMP Pits OU is comprised of the following subunits: Ballast Area soils; CMP Pits and associated vadose zone (Field A); vadose zone (Field B); groundwater; and surface water (e.g., Pen Branch) and sediment (Figure 2).

The CMP Pits consist of seven former, unlined pits placed in two rows that were designed to receive non-radioactive wastes (chemicals, metals, and pesticides) and operated from August 1971 until February 1979. Once the pits stopped receiving waste, all the open pits were covered with clay and graded. Contaminated soil and debris at the CMP Pits posed a contaminant migration and human health risk and were partially excavated in 1984. A second phase of excavation was performed at Pit 080-183G to remove a portion of significantly contaminated soil that also contained dense non-aqueous phase liquid (DNAPL) (Figure 2). As a maintenance action, the excavation was followed by backfilling of the pit area with clean soil and then capped across the whole pits area with a black plastic high-density polyethylene (HDPE) cover and overlying soil cover. Because the CMP Pits were not yet identified as a RCRA/CERCLA unit, the installation of the HDPE cover was not part of an interim or final remedial action and therefore was not designed to meet current infiltration/permeability specifications for RCRA/CERCLA closure at the CMP Pits. Although the highest levels of contaminated soil were removed, some contaminated soils were left in place. The previous waste in the pits and associated contaminated soils located

in the CMP Pits vadose zone (Field A) were determined to be the source of groundwater contamination.

Electrical Resistance Heating (ERH) with Soil Vapor Extraction (SVE) was selected as the final remedial action (RA) for the CMP Pits vadose zone in and around Field A (Figure 2). This remedy targeted the deeper contaminated soil at Pit 080-183G that was underneath the previous soil excavations. This remedy also addressed the remaining DNAPL that was present in the clay horizons beneath the pits. The contaminant migration constituents of concern (CMCOCs) that were identified in the RCRA Facility Investigation/Remedial Investigation (RFI/RI) Addendum (WSRC 2003) are tetrachloroethylene (PCE) and dichloromethane (DCM) or methylene chloride.

Groundwater contamination has occurred as a result of contaminants leaching from the source area soils. Following remediation of the CMP Pits vadose zone (Field A) source area, MNA was selected as the RA for the contaminated groundwater.

Additionally, surface soil contamination in the Ballast Area and vadose zone contamination in Field B have been successfully remediated via interim RAs. There is no problem warranting action and no RA objective for the surface water and sediment; however, surface water sampling is included as part of the MNA sampling.

## 1.2 Nature and Extent of Contamination

PCE and DCM were identified as CMCOCs and as principal threat source material for mobility (i.e., transport from the source zone to the aquifer in less than 10 years) in the vadose zone beneath the CMP Pits. The volatile organic compound (VOC) contamination was highest in the northwest pit (Pit 080-183G) at depths between 20 and 60 feet (ft) (6.10 and 18.29 meters [m]) below ground surface (bgs). PCE was the most abundant contaminant at CMP Pits. No constituents of concern (COCs) were identified in the surface soils (0-1 ft [0-0.3 m] bgs) in the CMP Pits subunit.

In accordance with the Record of Decision (ROD) (WSRC 2004), an ERH/SVE remedy was selected to remove the DNAPL from the vadose zone. Based on the limited lateral and vertical extent of PCE contamination in the vadose zone and the intent of the selected remedy defined in the ROD, the ERH treatment area included the extent of PCE contamination above the DNAPL

threshold concentrations (60 milligram per kilogram [mg/kg]) and comprised an area of approximately 0.05 acres (0.02 hectares) in Field A (Figure 2). Further details of the DNAPL remediation are available in the 2009 EMR (SRNS 2009).

The following VOCs and pesticides were identified as human health COCs in the groundwater for the future industrial worker and/or resident: alpha-benzene hexachloride, beta-benzene hexachloride, delta-benzene hexachloride, dieldrin, lindane, bis-(2-ethylhexyl) phthalate (DEHP), bromodichloromethane, carbon tetrachloride, chloroform, DCM, PCE, and trichloroethylene (TCE). Following the EMP for the CMP Pits, both groundwater and surface water have been sampled and analyzed for Target Compound List VOCs and/or lindane (WSRC 2006b). DEHP is a common laboratory artifact and is not believed to be present in the groundwater subunit. As of 2010, the constituent DEHP is no longer required to be sampled and/or reported. In 2013, emerging contaminant 1,4-dioxane was added to the list of monitored constituents on an annual sampling basis due to its presence in groundwater.

Early groundwater data indicated two VOC groundwater plumes exist at the CMP Pits, designated as the main plume (near the CMP Pits source area) and the northeast distal plume (near Pen Branch). These plumes are moving northward toward Pen Branch. Groundwater modeling indicated that the CMP Pits were the source for the main plume. Particle tracking toward and from the northeast plume suggested that its source was different from that of the main plume (WSRC 2002). A drainage ditch located approximately 361 ft (110 m) north of CMP Pits is a possible previous source area (Figure 2). It is possible that this ditch was used as a dumping location prior to the use of the actual CMP Pits. Additional characterization for the source of the distal plume using soil gas surveys was presented in the RFI/RI Addendum (WSRC 2003). Results indicated that if a source was previously present in the vadose zone, it has been depleted. It is also plausible, due to the dry zone areas within the transmissive zone (TZ) and to some degree the middle aquifer zone (MAZ), that one plume separated into two distinct plumes due to the groundwater flow paths and discharge to Pen Branch. Upwelling of the MAZ as it discharges to the wetland area and stream most likely brings some contamination up into the TZ. A combination of these three explanations is probable.

As discussed below, the vertical extent of the VOC plume is mostly within the Upper Three Runs aquifer (UTRA) and includes three distinct horizons: the TZ, the MAZ, and the lower aquifer zone (LAZ). The lateral extent of the 2008 VOC plume throughout the UTRA was estimated at 46 acres (18.6 hectares), extending from the pit area to Pen Branch. In 2019, a new Gordon aquifer (GA) well, CMP010A, was installed directly southeast of the CMP Pits. Initial samples indicated that the GA may be contaminated with VOCs above maximum contaminant levels (MCLs) at CMP010A. These 2019 results were the first occurrence of GA contamination above MCLs at the CMP Pits; however, it was suspected this contamination is not representative of groundwater conditions in the GA and further investigations in March 2023 confirmed well CMP010A was compromised. Well CMP010A was abandoned and replaced with well CMP010AR in July 2024.

The contaminant plumes at the CMP Pits are mature as there has been approximately 55 years for contamination to move through the aquifers, resulting in contaminants likely partitioning onto clay particles and/or diffusing into less permeable layers, not only near the original source area at the CMP Pits, but also throughout the aquifer system, acting as secondary sources of contamination to groundwater. In addition, the significant time over which contaminant transport has occurred has likely resulted in maximum lateral plume extent terminating at Pen Branch, a hydraulic barrier for the shallowest aquifers. Figure 3 shows the CMP Pits Groundwater OU Conceptual Site Model (CSM) and potential sources of contamination.

### 1.3 Observed Hydrostratigraphy at the CMP Pits OU

In the vicinity of the CMP Pits OU, the aquifers of interest include the UTRA and the underlying GA. Horizontal flow within the UTRA is divided into three discrete horizons that are separated by two semi-continuous confining zones, which can be comprised of sandy clays in areas and are therefore potentially discontinuous and leaky (Figure 3). The horizons are: 1) the TZ – a thin aquifer feature that lies above the top portion of the tan clay, the tan clay confining zone (TCCZ), 2) the MAZ – a thin aquifer horizon between the TCCZ and the lower portion of the tan clay, the tan clay lower clay (TCLC), and 3) the LAZ - the most substantial portion of the UTRA in the area, which extends to the green clay confining zone (GCCZ) with a thickness up to 100 ft (30.48 m). The GCCZ separates the UTRA from the GA and is comprised of single or multiple layers of dark greenish grey to black clay to sandy clay. Fine- to medium-grained sands to silty/clayey

sands exist in-between the GCCZ clay layers. The confining zones are hummocky, vary in thickness, and can be almost non-existent or leaky in areas. In general, the TCCZ is thinner in the UTRA than the TCLC.

Above the UTRA, the vadose zone is comprised of a portion of the transmissive zone and overlying sediments of the A- and AA-Horizons. Those sediments overlying the TZ are typically in the unsaturated zone and during rain events may contain areas of perched water for a limited time. These geologic layers are characterized by a higher abundance of clays and silts compared to the underlying transmissive zone.

Using the data collected from cone penetrometer lithology pushes done for the 2002 modeling effort and from well installation records, the confining zone surfaces of the TCCZ and TCLC were spatially mapped (Figure 4) and compared to the most current second quarter 2025 (2Q2025) water elevation surfaces. Areas where the TZ and MAZ are suspected to be dry were delineated and are shown on Figure 4, as well as on all TZ and MAZ figures, and can be seen in the cross sections (See Section 2.2.2). The top of the TCCZ forms a semi-circular ridge at and north of the CMP Pits (shown as white and light pink shaded elevations in Figure 4), which causes much of the TZ to be dry. This shape is mimicked in the top of the TCLC, but the subsequent dry zone is not as extensive. The dry zones at CMP Pits are not a recent occurrence. Review of water elevation data from the 1980's and 1990's from existing and abandoned wells suggests similar dry zones have existed for decades.

Figure 5 shows the locations of the 76 monitoring wells, 11 Pen Branch shallow wells, and eight (8) surface water stations associated with the CMP Pits OU. The map also shows corresponding cross-section lines which depict the local hydrostratigraphic lithology and major contaminant plumes at the CMP Pits OU. The stratigraphy, aquifers, and plumes are all, in general, gently sloping towards Pen Branch. However, the confining units appear to slope towards the south in some areas at the main CMP Pits area (Figure 4 and cross-sections B-B' [See Section 2.2.2]). Although the TCCZ and the TCLC are depicted as continuous units in the cross-sections, the aquifer behavior in this area shows various elevation heads and contaminant pathways that indicate the confining horizons are discontinuous and/or intermixed with sandy clays in many areas. This is further supported by lithologic core descriptions of the units. The TZ, TCCZ, MAZ, TCLC, and

LAZ units are eventually incised by Pen Branch itself and/or the local topography. In the CMP Pits OU area of interest (extent of the maps), the TZ is incised by Pen Branch on the east side of the stream reach, the MAZ is incised in the central portion of the stream reach, and the LAZ is partially incised by Pen Branch at the western portion of the stream. The horizontal extent of the TZ and MAZ are depicted on all TZ and MAZ maps.

### 1.4 Observed Hydrology at the CMP Pits OU

Regional groundwater flow for the UTRA and GA was determined from using data from other nearby wells. This was done to provide an overview of regional flow beyond the CMP Pits. Regional flow in the UTRA, as depicted in Figure 6, is to the northwest towards Pen Branch from CMP Pits. Regional groundwater flow for the GA is to the south/southwest (Figure 6). The latest compiled potentiometric surfaces specific to the CMP Pits from the calendar year (CY) 2Q2025 are displayed for each of the aquifer zones in Figure 7 and Figure 8. These potentiometric surfaces do not show any unusual pattern of flow from previous measurements.

Monthly rainfall levels from the closest monitoring station in nearby L Area for 2022 – March 2026 and the 20-year average are shown on Figure 9. Rainfall during 2025 (total of 50.47 inches) measured 7.96 inches less than the 2024 measurements but was also slightly above the 20-year average (49.95 inches). The months of March, May, July, and August experienced the highest rainfall totals in the year. May abnormally had over 12 inches of rain, with almost 6 inches occurring in one day. September through November were the driest months in 2025, with almost no rain observed in November. In 2026, January and March rainfall was below average, and February was above average. In general, monitoring wells showed similar water elevations in 2025 compared to 2024 elevation. Hydrographs of each well are presented in Appendix A.

A small region of radial flow appears to be superimposed upon the northwestward flow beneath the knoll on which the CMP Pits are located and is depicted by the groundwater flow direction arrows in Figure 7. This pattern is due to the locally high topography at CMP Pits (Figure 2) as well as the bowl-like structure of the Tan Clay, especially in the upper TCCZ (Figure 4). Based on water elevations in the MAZ not being fully saturated, it appears the TZ may consist of perched water tables in many locations. The bowl-like structure of the tan clay, as depicted in Figure 4,

further supports this conclusion as the lower elevation of the TCCZ in the eastern portion of the CMP Pits may locally funnel groundwater to the south and southeast following the slope of the TCCZ before eventually flowing to the north and northwest. Water may mound up in the bowl-like structure as water is pushed towards the northwest from the overall regional groundwater flow. As water flows downslope, as shown in Figure 7 in the TZ at the wells located directly around CMP Pits (CMP 34D, CMP 13D, CMP 35D, CMP 10D, and CMP 11D), a radial groundwater flow path may occur with an additional south or southwest gradient. Some years display a more pronounced southerly flow gradient than others. With near average rainfall totals in 2025, flow patterns have not changed significantly from 2024.

The flow pattern in the MAZ generally resembles that of the TZ. Flow directions in the LAZ and GA are less defined due to the horizontal gradients being less across the area, as discussed below. Due to the LAZ thickness being up to 100 ft (30.48 m), wells of various depths within the aquifer can vary in elevation. LAZ wells with screen zones between approximately 130 to 150 ft amsl were chosen for contouring purposes for Figure 8 due to their abundance and widespread spatial distribution across the CMP Pits area. In the area around the CMP Pits and towards the west and north, the water elevations in the LAZ are generally very similar and vary by up to 2 ft (0.61 m) (Figure 8). Measurements show that groundwater in the vicinity of Pen Branch flows south towards Pen Branch on the northern side of the stream, further supporting that contaminants originating from CMP Pits are not flowing underneath Pen Branch towards the north. Figure 6 depicts the regional potentiometric surface of the UTRA illustrating the groundwater flow from both sides of Pen Branch. Water elevations in the LAZ on the north side of Pen Branch are higher than elevations on the south side of Pen Branch. Although the potentiometric surface of the LAZ suggests there is a south/southwest groundwater flow north of Pen Branch, contaminants can migrate within the floodplain of Pen Branch under certain conditions. For example, COCs have been observed in wells CMP066B and CMP067B located north of the Pen Branch channel at the edge of the floodplain, potentially due to the high surface topography gradient on the southern side of Pen Branch (as shown in Figure 2) and/or due to subsurface turbulent flow as groundwater interacts with and discharges to Pen Branch.

Groundwater flow within the GA displays a lower gradient than the UTRA aquifer units. Groundwater flow in the GA is to the south/southwest and elevations vary between approximately 182 ft amsl in the north to 180 ft amsl in the southern portion of the CMP Pits OU.

Estimated horizontal groundwater linear velocities have been calculated for the following groundwater flow paths:

- Figure 7 - TZ aquifer flow paths A – A', B – B', and C – C';
- Figure 7 - MAZ flow paths A – A' and B – B';
- Figure 8 – LAZ flow paths A – A', B – B', C – C' and D-D'; and
- Figure 8 – GA flow path A – A', B – B'.

Estimated horizontal groundwater linear velocities were calculated for each of the above flow paths using the following equation:

$$Linear\ Velocity\ \left(\frac{ft}{day}\right) = \frac{Hydraulic\ Conductivity\ \left(\frac{ft}{day}\right)}{Porosity\ (unitless)}\ x\ \frac{dh\ (ft)}{dl\ (ft)}$$

The hydraulic conductivity constants (8, 50, and 30 ft/day for the TZ, MAZ, and LAZ, respectively) and porosity values (all 30%) used in the calculations are taken from the final calibrated 2017 modeling effort (SRNS 2017). For the GA, the hydraulic conductivity constant of 35 ft/day and porosity value of 25% is used based on investigations in other nearby groundwater/waste sites at SRS (WSRC 1999a). The value *dh* is the difference in head; *dl* is the length of the groundwater flow paths shown on Figures 7 and 8. The ratio *dh/dl* is the horizontal gradient. The gradient, linear velocity per day, and average linear velocity per year were each determined and are provided in Table 2 and described below.

Estimated velocities vary within the TZ between 0.13 ft/day on the western side of the CMP Pits and 0.42 ft/day on the eastern side. This variation could be caused by a combination of factors including the large dry zone area and the radial groundwater flow paths at the CMP Pits knoll, as discussed above. The average for the TZ is 0.33 ft/day, or 119.89 ft/year. The MAZ is more uniform in its rates and averages at 1.79 ft/day, or 655.42 ft/year. The LAZ's rate is much less

than the MAZ near the CMP Pits with a rate of 0.20 ft/day, or 74.58 ft/year (LAZ A – A' Flow Path). Flow is greater near Pen Branch, especially on the north side of Pen Branch with a flow velocity of 1.61 ft/day, or 586.59 ft/year (LAZ C – C' Flow Path). The GA potentiometric surface is extremely flat compared to the UTRA aquifer as the water elevations only vary slightly in elevation across the whole CMP Pits monitored area. Horizontal flow velocity for the GA was calculated to be an average of 0.17 ft/day, or 61.52 ft/year. Flow direction is towards the south/southwest and is consistent with the regional GA flow as shown in Figure 6.

There is a significant downward component to groundwater flow throughout the UTRA. Water level measurements collected from well clusters during 2025 show an average head drop of 13.53 ft (4.12 m) across the TCCZ and an average of 13.21 ft (4.03 m) across the TCLC. There is an average of a 14.86 ft (4.53 m) drop in head across the GCCZ from the LAZ to the GA. The newly installed shallow Pen Branch Wells (CMP-PB-##) screened between ~1 ft and 6.2 ft bgs show slightly lower water elevations across all aquifer water elevations, although many of the other CMP monitoring wells are located extremely upslope of the stream, and Pen Branch is believed to mainly be a gaining stream as it rarely has no flow.

Other wells, CMP 8 and CMP 8B, located near and upgradient of the wetland area display a much lower than average downward gradient of approximately 4.9 ft (1.2 m) across the TCLC. This is to be expected as vertical gradients in shallow aquifers typically reverse to upward flow near discharge zones. In addition, the TCCZ and TCLC are not considered thick competent confining clays, but rather are hummocky, vary in thickness, and can be almost non-existent or leaky in areas allowing some degree of flow between aquifers. The steep topography south of Pen Branch incises the TCCZ and TCLC, the sediment around the stream has been reworked over time as the stream has meandered, and trees and roots have penetrated the clay layers allowing more interchange between aquifers at lower elevations.

SRS installed permanent and continual (every 15 minutes) electronic stream flow data loggers at the upgradient (CMP-SW-23) and the downgradient (CMP-SW-24) end of Pen Branch at CMP Pits in August 2024 in existing culverts; an additional data logger was added in November 2025 to the northern Pen Branch stream along C Road (CMP-SW-25) (Figure 5). This allows constant real-time monitoring of the flow within Pen Branch and will be useful in trending measurements,

identifying changes that may occur, and will provide data for future modeling efforts. Graphs of the stream flow data are provided in Figure 37.

The stream flow gauge on the south tributary along C Road (CMP-SW-23) appears to have a baseflow of around 225 gallons per minute (gpm). In November 2025, SRS installed an additional stream gauge system on the northern arm of Pen Branch along Road C (CMP-SW-25). Flow in this branch is less than the southern tributary with approximate baseflow of 50 gpm. On the western/downstream side of Pen Branch two culverts exist (CMP-SW-24; pipe 1 and pipe 2). Most flow goes through pipe 1, but pipe 2 does contain water most of the time; however, flow in pipe 2 drops too low to measure at times. Baseflow at CMP-SW-24 appears to be around 450 gpm, which is greater than the two upstream stream gauge systems combined, indicating that Pen Branch is a gaining stream.

## 2.0 REMEDIAL ACTIONS

This EMR documents the performance of the MNA remedy for the groundwater at the CMP Pits OU. Remedial activities for the vadose zone and Ballast Area Soils subunits were performed under an interim RA in 2001 and 2005, respectively (WSRC 1999b and WSRC 2006a). ERH combined with SVE was implemented from 2007 through 2009 to remove DNAPL from the vadose zone (Figure 2). This interim RA mitigated the source within the vadose zone for the groundwater subunit which allows for the MNA remedy.

### 2.1 CMP Pits Vadose Zone Remedial Action

The ERH/SVE RA performed for the CMP Pits vadose zone was implemented to mitigate the CMCOCs PCE and DCM. Details of system construction are provided in the Post-Construction Report (SRNS 2008). ERH/SVE operation began on March 17, 2008. Heating via ERH continued until November 2008. Two SVE systems provided the VOC removal at the CMP Pits well field. SVE well effluent vapor concentrations and soil temperature data were analyzed to determine when the source/DNAPL had been depleted. Operating data from the ERH system was provided in the EMR submitted in June 2009 (SRNS 2009).

In accordance with the EMP, confirmation samples were collected from three core locations. All sample results were below the remedial goal (i.e., cleanup level) for PCE (30.7 mg/kg) and DCM (0.2 mg/kg) (SRNS 2010), meeting the objective of the RA. All remedial equipment and SVE units have been removed. Even though the RA was successful and confirmation samples were below cleanup levels, there is residual contamination trapped within clay horizons and/or pore space in the vadose zone, in or out of the ERH/SVE zone, that is a secondary source for groundwater contamination, albeit much smaller contaminant concentrations than the original source. Since ERH was used to mobilize VOCs in the vadose zone and out of low permeability layers to facilitate removal by SVE, it is expected that a portion of VOC mass was mobilized outside the capture zones and made available for transport to groundwater. Over time since completion of the ERH/SVE source remedy, residual VOCs in the vadose zone have migrated to groundwater increasing the concentrations locally in the area around the CMP Pits. Analysis of time series plots (Appendix B) supports this as increasing concentration trends are observed in TZ and MAZ wells close to the disposal trenches after completion of the ERH remedial action. This is especially noticeable in wells CMP 35D and CMP 47D. The residual vadose zone VOC mass appears to be depleted or the flux of VOCs has stabilized as groundwater concentrations at the pits have stabilized in recent years as seen in the time series plots. Concentration trends for each aquifer are discussed in more detail in Section 2.2.2.2.

## 2.2 Groundwater Monitored Natural Attenuation Remedy

### *2.2.1 Groundwater Aquifers*

As described above, groundwater analysis has been performed around the CMP Pits in four distinct aquifer zones of the UTRA and the GA. These zones in descending order are 1) the TZ of the UTRA, 2) the MAZ of the UTRA, 3) the LAZ of the UTRA, and 4) the GA.

Groundwater within these aquifers is currently monitored by the 76 groundwater wells which have been sampled or have water elevations measured on a semi-annual or annual basis (Table 1, Figure 5). The TZ includes 13 monitoring wells, the MAZ includes 25 monitoring wells, the LAZ includes 31 monitoring wells, and the GA includes seven (7) monitoring wells. Additionally, 11 Pen Branch shallow monitoring wells are not identified to a specific aquifer as they’re within the

hyphoreic zone under the stream. All wells are used for water level measurements and the majority (67) are sampled for VOCs and/or lindane. Eight surface water stations north of the CMP Pits located in the Pen Branch stream were used to monitor any discharge of VOCs to the stream (Figure 5). Table 1 indicates the monitoring network required sampling frequency and the constituents that are monitored. Any additional samples collected during the April 2024 through March 2025 timeframe are shaded in green and any omitted samples are shaded in orange and described in the following sections.

Based on the evaluation of monitoring data, advection and dispersion are the main MNA processes occurring along transport pathways from the source to the wetlands at the CMP Pits, while significant biodegradation is occurring in the wetland area near Pen Branch. The original 2002 groundwater model only accounted for advection and dispersion and estimated the plumes would remain above MCLs for a minimum of 50 years (~2050) and as long as 130 years (~2130) even if the vadose zone source was completely remediated (WSRC 2002). An updated model conducted in 2017 added sorption and continuing secondary VOC sources in clays and estimated the plumes will remain above MCLs for approximately 100 years (~2117). The increase in minimum time is mostly attributed to sorption but is within the range of timeframes calculated in the original 2002 model (50 – 130 years [CY 2050 – 2130]). A model update in 2024/2025 incorporating recent groundwater data and soil data collected in 2021, predicted a 104 year (from CY 2023) (~2127) expected cleanup timeframe.

### *2.2.2 Groundwater Sampling Results*

Groundwater samples are required to be collected from a total of 67 monitoring wells and 11 Pen Branch shallow wells as listed in Table 1. Groundwater samples were collected from all 67 monitoring wells at the CMP Pits during CY 2Q2025 and 4Q2025. Compromised well CMP 50B was abandoned and replaced with well CMP 50BR in January 2026; the 4Q2025 planned sampling at the well didn't occur until March 2026. The eleven (11) shallow wells that are installed in the Pen Branch Stream were sampled semi-annually. A total of 140 VOCs, 87 1,4-dioxane, and 58 lindane samples are required to be sampled for during the reporting period. Due to additions or omissions to sampling, a total of 142 VOCs, 86 1,4-dioxane, and 58 lindane samples were collected

during the reporting period. The additional or omitted sampling that occurred in 2025 is shown in Table 1 and described as follows:

- CMP 12A was sampled for VOCs and 1,4-dioxane during 4Q2025 since non-estimated detections of VOCs and 1,4-dioxane were observed in 2Q2025.
- CMP066B was sampled in 2Q2025 for VOCs and 1,4-dioxane since 1,4-dioxane was detected during 4Q2024.
- CMP062D, CMP062C, and CMP062B were mistakenly not sampled for 1,4-dioxane in 2Q2025.

All groundwater results from April 2025 through March 2026 are provided in Table 3. As prescribed by the EMP, the analytical data presented in this EMR include data quality level of verified and unvalidated (VU). Plume maps are based on the maximum concentration from the data collected between April 2025 through March 2026. Details on specific contaminants are described in the following subsections.

#### 2.2.2.2 PCE and TCE

PCE and TCE contamination has been identified in the TZ, MAZ, and LAZ above MCLs. The PCE plumes comprise approximately 42 acres (17 hectares) (Figures 10 and 11), and the TCE plumes comprise approximately 38 acres (15.4 hectares) (Figures 17 and 18). The majority of the horizontal plume movement occurs in the MAZ, which is consistent with the CSM and modeling estimates. Vertical movement of the plumes are occurring as shown by an overall trend of decreasing concentrations in the MAZ, and an increasing trend in portions of the LAZ (Appendix B and Figures 15, 16, and 32). This is also consistent with modeling, as concentrations in the LAZ are predicted to increase over time as contamination migrates from the TZ to the MAZ and eventually to the LAZ. Sixty-three (63) monitoring wells and the 11 Pen Branch shallow wells were sampled in 2025 for VOCs. Thirty-seven (37) wells had PCE concentrations above the MCL of 5.0 micrograms per liter (µg/L) and 30 wells had TCE concentrations above the MCL of 5.0 µg/L.

Monitoring wells were analyzed using GSI Mann-Kendall trend analysis for data post-ERH/SVE remediation (2010-2022 data, as available) and updated to include 2023 through 2025 data if data

indicated changes to those trends (as displayed in Appendix B). Figure 32 summarizes these trends. Most of the monitoring wells (76%) show a declining or steady (including consistent non-detects and no-trend) trend in PCE and TCE over the past 14 years as shown in the time-series plots for all the wells in Appendix B, Figure 32, and summarized below. Additional information is provided with the included Excel file (CMP_EMR_2025_Table3_Figure32) located on the supplied CD with this report and in the electronic submission.

The following is a summary of the PCE and TCE contaminant trends by aquifer for the April 2025 through March 2026 reporting period.

**Transmissive Zone:**

The maximum concentrations of PCE and TCE found in the TZ were 2,500 µg/L for PCE (Figure 10) and 1,580 µg/L for TCE (Figure 17) both at monitoring well CMP 35D adjacent to the disposal pits. There were seven monitoring wells (out of 11 sampled) screened in the TZ that had PCE and/or TCE concentrations above the MCL in 2025. Upgradient wells CMP062D and CMP063D were non-detect for both PCE and TCE.

Through 2009, wells CMP 10D and CMP 11D (on the south side of the CMP Pits) had consistently high concentrations of PCE and TCE; however, as shown in Appendix B, the trends for these wells over the past 17 years have declined significantly. Declining trends at these wells indicate cleaner groundwater conditions, plume contraction on the south side of the disposal trenches, and depletion of source mass entering the groundwater. Contamination in these two wells is a result of contaminants being transported by localized radial groundwater flow at the CMP Pits knoll, as described in Section 1.4 and shown in Figure 7, or by contaminants following the slopes of the confining units (Figure 4). Due to the shape of the TCCZ surface and the subsequent dry area that is created in the TZ, contamination may have been funneled towards the south and southeast towards CMP 10D and CMP 11D. Well clusters CMP062 and CMP063 remain below MCLs and were non-detect during 2025 indicating that contamination has not spread substantially to the south/southeast.

In 2025, concentrations at well CMP 35D remained stable at levels similar to 2024 concentrations. Since 2010, CMP 35D has had an increasing concentration trend that started after the completion

of the ERH/SVE remediation; however, PCE and TCE levels have recently stabilized beginning in 2021 and continue to remain steady through 2025. This recent stable trend indicates the depletion of readily mobile VOC mass in the source area.

Inversely related trends in wells CMP 10D and CMP 35D (Figure 31), for both VOCs and lindane, suggest concentration trends could also be tied to hydrogeologic processes associated with the complex radial groundwater flow patterns due to the surface shape of the TCCZ and resulting dry zones in the TZ. Water elevation increases in recent years possibly provided a mechanism for increased flow towards the northwest in the CMP Pits area and more opportunity for dispersion and diffusion from CMP 10D as there is more water volume available in the TZ. Additionally, the increased water elevations may allow release of trapped secondary sourced contamination in clay horizons or pore space into the groundwater since well CMP 35D is located downgradient of the CMP Pits. Soil sampling conducted in 2021 at the CMP 35D location indicated that residual VOC contamination is present in the vadose zone and upper aquifer and TCCZ (SRNS 2022). Since CMP 35D is located directly outside of the low permeability HDPE cover at the CMP Pits, the cover may retard infiltration and the effect of water elevation increases may be more pronounced. Figure 31 shows a possible correlation between water elevation and contaminant levels of PCE at well CMP 35D.

Due to the past increases observed at well CMP 35D, PCE and TCE have been additionally analyzed at well CMP34D to the west of the CMP Pits since 2019. This well had previously shown high levels of PCE (1,460 µg/L) and TCE (417 µg/L) in 2001 but was not included in the CMP OU EMP for VOC analyses and therefore, no VOC results were available since 2009. SRS began sampling well CMP 34D for VOCs starting in 2019 and concentrations were observed at levels of 1,940 µg/L for PCE. SRS has added CMP 34D to the regular semi-annual monitoring (Table 1). In 2025, a large decrease in PCE was observed at CMP 34D (from 2019 levels) indicating depletion of VOC mass in this area; results were 273 µg/L for PCE and 2.55 µg/L for TCE (Appendix B Pages B-15 and B-71). The elevated results in the TZ since 2010, for wells CMP 34D and CMP 35D indicate that VOC source material was present within the vadose zone; however, it only appears to have a localized effect on the overall TZ plume and is not leading to plume expansion in the TZ, but is likely causing limited increases in the in the MAZ and LAZ. It is noted that the

PCE/TCE ratios are significantly different in the two wells, indicating a complex disposal history and source composition.

The TZ plume geometry is shown in Figure 10 for PCE and in Figure 17 for TCE. Cross-sectional views of the PCE plumes are available in cross-sections A – A', B – B', and C-C' (Figures 12, 13, and 14, respectively). The main plume at and around the CMP Pits has remained roughly the same in size with concentrations near the actual pits area continuing to decrease on the south and northwest side at wells CMP 10D and CMP 34D and remaining elevated but stable on the northeast side at well CMP 35D as previously discussed. The highest concentrations in the TZ have remained laterally confined near these two wells, which indicates that the area of residual contaminant mass is not extensive. PCE concentrations at well CMP 11D have generally decreased since 2010 whereas TCE concentrations at well CMP 11D have generally remained steady until recent decreases in 2025 (Appendix B Pages B-7 and B-63). North of the pits at CMP 13D PCE exceeded the MCL during 2025 and displays an increasing trend as contamination mobilized by the ERH/SVE remediation migrates away from the pits, similar to well CMP 35D. Groundwater on the southwest side is clean as well CMP 30D was non-detect for PCE and TCE.

Monitoring indicates the distal portion of the plume continues to contract as VOC concentrations remain relatively low in wells CMP 36D and CMP 37D. Well CMP 37D has decreased from 546 µg/L PCE in 2007 to now averaging around the MCL. Well CMP 36D shows a similar decreasing trend. CMP38D shows a slight downward trend but is still consistently above MCLs.

The distal plume was initially thought to originate from an alternative source other than the CMP Pits. Particle track modeling indicated it was potentially from a previously contaminated drainage ditch north of the CMP Pits (WSRC 2002) (located on all planar figures). As previously mentioned, characterization results of this area indicated that if a source was previously present in the vadose zone, it has been depleted (WSRC 2003). Due to the dry zone areas within the TZ, it is plausible that bifurcation of the plume into two separate plumes occurred over time, or that some contaminant flow went around the dry zone to the east. MAZ and LAZ discharge into Pen Branch likely brings contamination up into the TZ as the water discharges into Pen Branch. The clay horizons between the aquifers can be thin and/or leaky and the TCCZ and TCLC are at or near ground surface at the location of the distal plume. The steep topography near Pen Branch incises

the TCCZ and other clay layers, the sediment around the stream has been reworked over time as the stream meanders, and trees and roots have penetrated the clay layers allowing more interchange between aquifers. All of these factors are probable explanations for the disconnect between the groundwater plumes at the distal plume and source area.

A comparison of changes in PCE concentrations over the last 17 years (2025 values compared to 2008 values [Pre ERH/SVE]) can be seen in Figure 15 and Table 4. Additionally, a GSI Mann-Kendall trend assessment was done in 2023 for all wells using the post-ERH/SVE data (2010-2022 data, as available) (SRNS 2023) and updated to include any 2023 through 2025 data if it showed any changes to the trends (as displayed in Appendix B). Figure 32 summarizes these trends. Overall in the TZ, plume concentrations continue to decrease or are steady indicating the plume is not expanding. However, the area directly north of the CMP Pits, including monitoring wells CMP 34D, CMP 35D, and CMP 13D, has experienced localized increases in PCE concentrations from around 2010 through 2021 when levels stabilized and continue to remain stable. Concentrations to the south of the CMP Pits at wells CMP 10D and CMP 11D have decreased by 98% from their peak levels and show a large reduction in total mass for the TZ. Concentrations to the west at CMP 30D remain non-detect. The distal plume has decreased in both size and core concentrations indicating that the total mass being transported downgradient has decreased appreciably. TCE trends are similar to PCE; therefore 2008/2025 plume comparisons for TCE are not mapped.

**Middle Aquifer Zone**

The maximum concentrations found in the MAZ were 767 µg/L for PCE at well CMP 47D (Figure 10), and 116 µg/L for TCE at well CMP059C (Figure 17), located north of CMP Pits. The concentrations of PCE and TCE detected at CMP 47D and CMP059C both decreased from 2024 concentrations. Similar to well CMP 35D in the TZ, well CMP 47D historically had a decreasing trend from 2001 to 2015. In 2017, PCE began increasing until concentrations stabilized in 2022. Similar concentration trends between upgradient well CMP 35D and CMP 47D illustrate the interconnection between the TZ and MAZ and the contaminant transport pathway through the hydrologic system.

There are 12 monitoring wells (out of 21 sampled) screened in the MAZ that had PCE concentrations above the MCL in 2025, and 11 monitoring wells had TCE exceedances above the MCL. The monitoring wells with TCE detections corresponds to monitoring wells with PCE detections. The majority of the MAZ wells display a steady or decreasing trend in concentrations (Figure 32). Well CMB 24I displays an increasing trend due to mass transport from the overlying TZ; however, the overall plume footprint has not increased. Two downgradient locations towards Pen Branch (CMP 40D and CMP 43D) were all below MCLs or either non-detect for both PCE and TCE; CMP 41D was just above the MCLs for both PCE and TCE. Also, downgradient wells CMP 8 and CMP 39D display decreasing trends. The remaining MAZ wells show decreasing or no significant change in PCE concentrations. Similar trends were observed for TCE in these wells.

PCE and TCE concentrations rapidly decrease once the plume reaches the wetland area near Pen Branch where VOC degradation is occurring (also see section 2.2.4). Cross-sectional views of the PCE plumes are available in cross-sections A – A', B – B', and C – C' (Figures 12, 13, and 14, respectively).

A comparison of changes in PCE concentrations over the last 17 years (2025 values compared to 2008 values [Pre ERH/SVE]) can be seen in Figure 15 and Table 4. Additionally, a GSI Mann-Kendall trend assessment has been done in 2023 for all wells using the post-ERH/SVE data (2010-2022 data, as available) (SRNS 2023) and updated to include any 2023 through 2025 data if it showed any changes to the trends (as displayed in Appendix B). These trends are summarized in Figure 32. In the MAZ, core plume concentrations are similar to 2008 concentrations due to increases near the pits from 2017 to 2022 at CMP 47D; however, the area of concentrations >100 µg/L has also decreased in size. In the comparison between plume change maps (2008 vs 2025), the plume footprint above the MCL appears to have expanded horizontally, but this is due to the new monitoring well data points collected starting in 2016, which further defined the plume to the east. Additionally, samples have been collected from well CMP 31C, located to the west, further defining the plume in that direction. Concentrations near Pen Branch at well CMP 8 and in the wetland area at wells CMP 39D and CMP 40D have decreased, indicating that the flux of VOCs from the source area are decreasing and that VOC degradation in the wetland area is attenuating

the plume. TCE trends are similar to PCE; therefore 2008/2025 plume comparisons for TCE are not mapped.

**Lower Aquifer Zone**

There are 10 monitoring wells (out of 27 sampled) in the LAZ that had PCE concentrations above the MCL in 2025. Nine (9) of those wells also corresponded to the locations in the LAZ having TCE concentrations above the MCL. The LAZ maximum values for PCE slightly decreased from 2024 concentrations and TCE maximum concentrations slightly increased. The 2025 maximum concentrations of PCE and TCE within the LAZ were 212 µg/L at well CMP 32C for PCE and 129 µg/L at well CMP 52BU for TCE (Figure 11). The higher concentrations observed in the LAZ are at wells located in the upper LAZ, directly below the TCLC where contaminants are migrating from the MAZ and/or diffusing from the clays above. Concentrations at CMP 32C and CMP 52BU appear to have stabilized over the last nine years and concentrations at both these wells decreased in 2025 from 2024 levels. Concentrations of PCE and TCE on the east side of the pits at CMP 10C display decreasing trends (Appendix B).

Concentrations at five wells (CMP 10B, CMP 32C, CMP035B, CMP 52BU, and CMP058B) display historically increasing trends that have stabilized over the past 5 to 17 years and are located in the upper or mid-LAZ aquifer (Appendix B and Figure 32). Concentrations in upper LAZ well CMP 8B and mid LAZ well CMP 12B continue to slowly increase. PCE and TCE concentrations in mid-LAZ plume well CMP 13B decreased from 2024 levels. Contamination in the LAZ is mostly limited to the upper half of the aquifer as seen in the three cross sections, A – A', B – B', and C – C' (Figures 12, 13, and 14, respectively). Replacement well CMP 50BR displayed non-detect concentrations for PCE and TCE, similar to previous concentrations at CMP 50B. Other wells vertically located mid-plume and deeper remain steady, below MCLs or non-detect indicating the plume is not migrating deeper over the majority of the LAZ. Newer monitoring well CMP035B, vertically located in the upper LAZ, had a maximum PCE concentration of 47.4 µg/L and TCE concentration of 43.5 µg/L during 2025; which is similar to 2023 and 2024 concentrations. These concentrations are also consistent with the known plume geometry as can be seen in the plume maps (Figures 11 and 18) and cross section A-A' (Figure 12). Additionally,

previous soil sampling indicated that higher VOC concentrations were observed in the overlying vadose zone and TZ soils (SRNS 2023).

Upgradient wells CMP062B and CMP063B were non-detect for PCE and TCE during 2025 as well as downgradient wells CMP060B and CMP061B. However, concentrations slightly exceeded the PCE MCL at downgradient well CMP 8B. PCE and TCE were not detected at wells CMP066B and CMP067B, which are located north of Pen Branch (Figures 11 and 12).

Similar to the location of the northeast distal plume in the TZ and MAZ aquifers, VOC contaminants are present in the LAZ. Upward vertical hydraulic gradients are present in the LAZ closer to Pen Branch (i.e., CMP064BU and CMP064B) which indicates the vertical upward migration of contaminants near Pen Branch (Figure 8).

A comparison of changes in PCE concentrations over the last 17 years (2025 values compared to 2008 values [Pre ERH/SVE]) can be seen in Figure 16 and Table 4. Additionally, a GSI Mann-Kendall trend assessment has been done in 2023 for all wells using the post-ERH/SVE data (2010-2022 data, as available) (SRNS 2023) and updated to include any 2023 through 2025 data if it showed changes to the trends (as displayed in Appendix B). These trends are summarized in Figure 32. LAZ plume concentrations have historically increased in the upper half of the aquifer from early 2000s to 2010-2017. Since 2017, concentration trends have been stable and are no longer increasing overall. Historical increases in the LAZ are expected, as both the previous 2002 modeling effort and the more recent 2017 and 2024 modeling effort predicted initial increases in the LAZ over time as VOC mass moved through the system. The area southeast of CMP Pits in the upper LAZ (well CMP 10C) is currently on a decreasing trend over the previous 16 years, suggesting the majority of source contaminants have been remediated. Concentrations on the western edge of the plume (well CMP 33D) have also been decreasing since 2007 indicating the LAZ plume is contracting to the west within the LAZ. The downgradient wells (CMP060B and CMP061B) remain below MCLs. The LAZ plume is most likely reaching Pen Branch and the wetland area east and downgradient of CMP 8B, which also correlates to the TZ and MAZ contaminants near Pen Branch. The difference in the PCE plumes for the LAZ in Figure 16 between 2008 and 2025 are of the result of the addition of new data from monitoring wells

CMP064BU, CMP064B, and CMP065B installed in 2016, not from plume expansion since 2008. TCE trends are similar to PCE; therefore 2008/2025 plume comparisons for TCE are not mapped.

**Gordon Aquifer**

There are seven monitoring wells screened within the GA and all were sampled during 2025. No GA monitoring wells exceeded the PCE and TCE MCLs. Non-estimated detections were observed in 2Q2025 in one well, CMP 12A, with a concentration of 1.05 µg/L for PCE and estimated concentration of 0.38 µg/L for TCE. Since the PCE concentration was non-estimated, well CMP 12A was also sampled during 4Q2025. PCE was detected at a concentration of 1.49 µg/L and TCE at an estimated 0.68 µg/L. Newer replacement well CMP010AR was sampled twice in 2025. During 4Q2025 PCE was detected at a concentration of 1.53 µg/L while TCE was not detected. Neither were detected at CMP010AR in the 2Q2025 sampling. All other GA monitoring wells were non-detect for PCE and TCE.

As stated above, contamination generally remains in the UTRA and extends down to the upper portion of the LAZ. The GA screened wells are in place to confirm contamination has not migrated farther downward than expected as described in the EMP (WSRC 2006b). Low levels of PCE and TCE below MCLs have been recently observed in monitoring well CMP 12A and rarely at CMP 8A. Contamination previously observed at CMP010A was believed to be caused by in-well leakage of contaminated groundwater at around 105 ft bgs due to bends in the well causing the casing seal/joint to be compromised. Data from the new replacement well, CMP010AR, confirms the contamination was not of the GA aquifer as PCE and TCE were not detected above MCLs. However, due to one detection of PCE at CMP010AR during 4Q2025, semi-annual monitoring for VOCs at the new well will continue through 2026.

**Pen Branch Shallow Wells**

Eleven (11) shallow groundwater wells were installed below the Pen Branch stream bed in July and August 2024 via hand augering. These wells are 2-inch PVC wells with 1 ft pre-packed screens and were installed at six locations spread across the CMP Pits Pen Branch area (Figure 5). Five of the locations include two wells, one with an upper screen zone and one a few feet lower (Table 1). The first location, CMP-PB-001 only includes one well CMP-PB-001D1 as deeper intervals were

composed of clay where a well could not be installed. These wells were installed to provide long-term data on the hyphoreic zone and groundwater directly before discharge to Pen Branch.

Sampling of these wells began in 4Q2024. Results from the 2025 semi-annual sampling of the wells indicate that eight of the 11 wells exceed MCLs for PCE and/or TCE. This includes CMP-PB-002D1, CMP-PB-002D2, CMP-PB-003D1, CMP-PB-003D2, CMP-PB-004D1, CMP-PB-004D2, CMP-PB-006D1, and CMP-PB-006D2. The maximum concentrations for PCE and TCE occurs at CMP-PB-003-D2 with concentrations of 69.9 µg/L and 22.3 µg/L, respectively. Location CMP-PB-003-D2 was expected to have the highest concentrations as it is located in the core transport pathway from the CMP Pits to Pen Branch. These newer wells will be monitored semiannually for VOCs in 2026, then be reduced to annually.

#### 2.2.2.3 Cis-1,2-Dichloroethylene (c-1,2-DCE)

C-1,2-DCE was detected in 12 wells in 2025 (CMB 24I, CMP 10C, CMP 35D, CMP 36D, CMP 37D, CMP 39D, CMP 40D, and CMP 41D, CMP-PB-003-D1, CMP-PB-003-D2, CMP-PB-004-D1, CMP-PB-004-D2). Concentrations were mostly all low values less than 5 µg/L; however, the maximum was 5.91 µg/L at Pen Branch well CMP-PB-003-D1. All results were below the 70 µg/L MCL. Nine (9) of the 12 wells with detections of c-1,2-DCE are located in the wetland area near Pen Branch, providing direct evidence of degradation of PCE and TCE in the Pen Branch wetlands. The expansive wetland, high organic matter, and anaerobic conditions provide ideal conditions for reductive dechlorination, and wetland vegetation attenuation. Data collected independently by South Carolina State University demonstrate that natural attenuation of VOC contaminants is occurring at the wetlands of Pen Branch (see Section 2.2.4 *Additional Data from Independent Analysis*). The preferential degradation pathway for TCE is c-1,2-DCE as both trans-1,2-dichloroethylene (t-1,2-DCE) and 1,1-DCE are mainly non-detect as discussed below.

The lack of high c-1,2-DCE results in monitoring wells away from the wetlands indicates that VOC degradation might not be widely occurring throughout the aquifers and plume and that advection and dispersion are the main MNA processes occurring. However, c-1,2-DCE is not a persistent compound and rapidly degrades in oxic conditions present in the core of the plume and

therefore may not be detected in high concentrations. Overall, data indicates that degradation of VOCs is certainly occurring in the wetland areas near Pen Branch.

#### 2.2.2.4 Trans-1,2-Dichloroethylene (t-1,2-DCE)

No detections of t-1,2-DCE were observed during 2025.

#### 2.2.2.5 1,1-Dichloroethylene (1,1-DCE)

No detections of 1,1-DCE were observed during 2025.

#### 2.2.2.6 Vinyl Chloride (VC)

During 2025, VC was detected at two Pen Branch wells CMP-PB-003D1, and CMP-PB-004D1. The maximum concentration in groundwater was 2.26 µg/L at Pen Branch well CMP-PB-003D1, above the MCL of 2 µg/L. The presence of VC in Pen Branch wetland wells confirms dechlorination of the VOCs is occurring at the CMP Pits.

#### 2.2.2.7 1,4-Dioxane

1,4-Dioxane is analyzed annually at CMP Pits at 76 monitoring wells. Well cluster CMP062 was mistakenly not sampled for 1,4-dioxane in 2Q2025, so 73 wells were monitored for 1,4-dioxane in 2025. There is currently no MCL for 1,4-dioxane, and the current United States Environmental Protection Agency (USEPA) tap water regional screening level (RSL) of 0.46 µg/L is used for data evaluation, contouring plume maps (Figures 19 and 20), and cross-sections (Figures 21, 22, and 23). During the 2025 monitoring period, 1,4-dioxane was analyzed with two analytical methods, USEPA SIM Method (EPA8270ESIM) and USEPA 522. In past years, the USEPA SIM method detection limits and sample quantitation limits could not meet the current USEPA tap water RSL of 0.46 µg/L; whereas the USEPA 522 method could meet this limit. However, method EPA8270ESIM has detection limits (0.04 µg/L) and sample quantitation limits (0.2 µg/L) which are below the RSL of 0.46 µg/L. Annual samples were collected for 1,4-dioxane and analyzed using both methods and are compared in Table 3.

With low detection limits for both methods, detections of 1,4-dioxane results were similar between both methods. Detections occurred in 46 of the 73 wells sampled (63%). There was close agreement in the results between the two methods in the majority of samples.

The 1,4-dioxane plume mimics the distribution of the PCE and TCE plumes in all aquifers as detections and exceedances of the USEPA tap water RSL occurred in the TZ, MAZ (Figure 19), LAZ, and GA (Figure 20). The maximum concentration was 385 µg/L at well CMP 35D, which decreased from 2024 levels. It was detected at many of the new CMP-PB series wells, but at lower concentrations (< 6 µg/L) and was not detected at the wells north of Pen Branch (CMP066B and CMP067B). One GA well, CMP 12A, had detections of 1,4-dioxane, but results were less than the RSL with a maximum concentration of 0.453 µg/L in 4Q2025. The other six GA wells were non-detect for 1,4-dioxane.

As seen in Appendix B, which presents plots with the maximum 1,4-dioxane results for each sampling event, concentrations in wells that have had detections within the last eight years have remained steady or generally decreased. However, similar to PCE, wells near CMP Pits in the MAZ and LAZ, as well as TZ well CMP 35D have shown a general increase in 1,4-dioxane due to residual mass from the source area or release from secondary sources.

The 2025 results for 1,4-dioxane with method EPA8270ESIM were from a South Carolina certified lab that also had detection limits for 1,4-dioxane that met the current USEPA tap water RSL. In future sampling events, SRS will utilize a single lab for 1,4-dioxane analyses if the lab is South Carolina certified and can meet detection limits below the RSL. If one is not available, samples will be sent to multiple labs to meet both requirements.

#### 2.2.2.8 Carbon Tetrachloride ($CCl_4$)

$CCl_4$ was detected in 22 wells during 2025, but only exceeded the MCL of 5.0 µg/L in four wells: CMB 24I, CMP 10D, CMP 35D, and CMP064BU with a maximum concentration of 40.5 µg/L at well CMP 35D. Plume maps were not created due to the limited number of exceedances.

#### 2.2.2.9 Chloroform

Chloroform was detected in 26 wells during 2025. None of the results exceeded the MCL of 80 µg/L. The maximum result was at well CMP 35D with a value of 67.1 µg/L. The detections coincide with wells that have $CCl_4$ contamination as chloroform is a degradation product of $CCl_4$.

#### 2.2.2.10 Dichloromethane (DCM)

During 2025, DCM results were detected at 34 stations, all at estimated concentrations. Two results were greater than the 5 µg/L MCL. The maximum concentration was an estimated 9.4 µg/L at well CMP 45D, followed by well CMP 47D with an estimated 6.7 µg/L. Dichloromethane is a degradation product of chloroform indicating the occurrence of natural attenuation of chloromethanes at the CMP Pits, but it is also a common laboratory artifact or contaminant and was present in some of the laboratory's method blanks.

#### 2.2.2.11 Bromodichloromethane

During 2025, bromodichloromethane was detected at three wells CMB 24I, CMP 35D, and CMP064BU with the highest value detected at CMP 35D at 8.38 µg/L, significantly lower than the MCL of 100 µg/L MCL. All other results were non-detect for bromodichloromethane.

#### 2.2.2.12 1,1,2-Trichloroethane (1,1,2-TCA)

During 2024, 1,1,2-TCA was detected at one well, CMP 35D with a maximum concentration of an estimated 0.93 µg/L, below the MCL of 5 µg/L.

#### 2.2.2.13 Lindane

All 31 required wells were analyzed for lindane in 2025. The MCL for lindane is 0.2 µg/L and four wells near the CMP Pits (CMP 35D, CMP 46D, CMP 47D, and CMP059C) had lindane concentrations that exceeded this level (Figures 24 and 25). Cross-sections with lindane plumes and concentrations are provided in Figures 26 through 28. Most wells monitored for lindane show slightly decreasing or steady trends in concentrations as shown in Appendix B and Figures 29, 30, and 32.

The highest lindane concentration for 2025 was 4.89 µg/L found in CMP 35D. This well has shown fluctuations in concentrations over the years, but displayed a general increase from 2013 through 2020. Concentrations in 2021 decreased and started to increase again in 2022; however, concentrations have been decreasing since then (Appendix B, page B-175). Factors contributing to the increase in concentration include the complex hydrogeology of groundwater flow paths, surface shape of the TCCZ (Section 1.3 and Figure 4), perched water table conditions, and water elevation increases (Section 1.4, Figure 7, and Figure 9). Increases at CMP 35D have occurred as concentrations at well CMP 10D have decreased. The inversely related trends in wells CMP 10D and CMP 35D for both lindane and VOCs (Figure 31) suggest the increases could be tied to hydrogeologic processes associated with the radial groundwater flow patterns due to surface shape of the TCCZ and dry zones in the TZ. Higher water table elevations have possibly provided a mechanism to release contamination trapped in the vadose zone pore space or capillary fringe, as well as for groundwater to flow towards the northwest providing more opportunity for dispersion and diffusion from CMP 10D and the CMP Pits. The low permeability cap retards infiltration so the effect of water table elevation increases may be more pronounced since CMP 35D is located directly outside the capped area. Figure 31 indicates a possible correlation between water elevation and contaminant levels of lindane at CMP 35D.

CMP 10C, in the Upper LAZ, shows concentrations have generally been decreasing over the past 11 years. Well CMP 10B, which is screened in the middle of the LAZ (Figure 26), did not have any detections of lindane. Due to the shape of the TCCZ surface and the subsequent dry area that is created in the TZ (Figure 4), contamination may have been funneled towards the south and southeast towards CMP 10D from the high concentration area around CMP 35D and the CMP Pits. Fluctuating water elevations could move groundwater back and forth between CMP 10D and CMP 35D or potentially release contaminants into the water table that were trapped in pore space or clay zones.

The lindane plume is estimated at approximately 2.75 acres (3.04 hectares) in the UTRA (Figures 24 and 25) which is significantly smaller than the VOC plumes. The majority of the plume (including the highest concentrations) resides in the TZ around well CMP 35D as lindane has limited mobility in the subsurface compared to PCE. The MAZ contained three wells, CMP 46D,

CMP 47D, and CMP059C, slightly above the MCL with concentrations of 0.207 µg/L, 0.239 µg/L, and 0.251 µg/L, respectively (Figure 24). Lindane was not detected above the MCL within the LAZ, or the GA including new replacement well CMP010AR. Lindane was detected in one Pen Branch monitoring well in 4Q2025 at a very low estimated concentration of 0.0073 µg/L, far below the MCL of 0.2 µg/L. Lindane was not detected in any of the other Pen Branch monitoring well samples.

A comparison of lindane plume concentrations over the last 17 years (2025 values compared to 2008 values) can be seen in Figures 29 and 30 and Table 5. Additionally, a GSI Mann-Kendall trend assessment has been done for all wells using the post-ERH/SVE data (2010-2022 data, as available) and updated to include any 2023 through 2025 data if it showed any changes to the trends (as displayed in Appendix B). Figure 32 summarizes these trends. In the TZ, lindane concentrations above the MCL are currently limited to one well, CMP 35D. The actual TZ plume may appear larger than actual conditions on the maps due to the contour line size and scale of the maps. In the MAZ, the area to the north and northwest of the CMP Pits has experienced minor fluctuations in concentration over the past 17 years, but concentrations continue a downward trend. There was one small plume above the MCL in 2025 at wells CMP 46D, CMP 47D, and CMP059C.

Beginning in 2008, the LAZ experienced an initial increase in concentrations southeast of the CMP Pits at well CMP 10C; however, lindane concentrations at this location have decreased since 2015; concentrations in 4Q2023 dropped to below the MCL. The increase first seen at CMP 10C in 2008 is believed to be due to the shape of the surface of the Tan Clay, localized radial groundwater flow around the CMP Pits knoll, and leaky conditions within the TCCZ and TCLC. Contamination does not extend deeper than the MAZ of the UTRA (Figures 26 and 28). Although lindane does not diffuse in aquifers as quickly as VOCs, the factors mentioned above may be further hindering contaminant advection and dispersion.

### *2.2.3 Surface Water Sampling Results*

Surface water in Pen Branch is sampled semi-annually at eight locations along the groundwater discharge boundary (Figure 5). Two of these stations are collected in a tributary leading to Pen Branch (CMP-SW-20 and CMP-SW-21).

VOCs are analyzed semi-annually and 1,4-dioxane is analyzed annually during the fourth quarter. Table 3 and Figures 10, 11, 17, and 18 show the PCE/TCE results at each station. Modeling predicted that VOCs would discharge from groundwater into the surface water of Pen Branch above MCLs. 1,4-Dioxane was analyzed with both the USEPA 8270ESIM method and the USEPA 522 method, as discussed above in Section 2.2.2.6, *1,4-Dioxane*. In 2025, all surface water stations had detections of 1,4-dioxane, but most were below the RSL (Table 3 and Figures 19 and 20). One station, CMP-SW-20 had 1,4-dioxane concentrations above the RSL with a maximum concentration of 0.781 µg/L. PCE was detected at low estimated concentrations below the MCL at three surface water stations during 4Q2025; CMP-SW-07 at 0.41 µg/L, CMP-SW-20 at 0.44 µg/L, and CMP-SW-22 at 0.35 µg/L. The 2Q2025 results were all non-detect. DCM was detected at a low estimated concentration of 0.59 µg/L in 4Q2025 at surface water station CMP-SW-09. All other surface water results were non-detect for all other VOCs, indicating minimal impact to surface water.

The CMP Pits VOC and 1,4-dioxane groundwater plume effects on Pen Branch surface water are negligible as they are generally not detected with consistency. Dispersion, advection, and wetland area VOC degradation are all contributing factors that reduce the groundwater plume impact to Pen Branch and support the effectiveness of the MNA remedy at the CMP Pits.

### *2.2.4 Additional Data from Independent Analysis*

Sampling for VOCs has been conducted in and around Pen Branch by South Carolina State University (SCSU) for several years under a grant provided by the United States Department of Energy (USDOE). The focus of their studies is the MNA processes occurring in the stream and wetlands around Pen Branch as the VOC plume moves towards and discharges into Pen Branch. Many of the SCSU samples are collected from the groundwater immediately before discharge into Pen Branch and surface water within Pen Branch. Sometimes sediment and biota (tree cores and other vegetative media) samples are collected. In 2025, efforts were focused on groundwater, surface water, and sediment at the location where higher levels of VOC discharge were observed (upstream of SRS surface water station CMP-SW-22) and also included collection of sediment samples for VOC and microbial analyses.

During 2025, SCSU sampled nine (9) groundwater stations beneath the Pen Branch stream. Multiple samples (duplicates or triplicates) were collected for statistical purposes and samples were collected at multiple times of the year. This included 25 groundwater samples within the hyporheic sediments below the stream bed within Pen Branch. Groundwater samples were collected from temporary wells up to 65 centimeters (cm) (25.6 inches) below the stream bottom. Samples were collected by peristaltic pumping. Surface water samples were collected from five (5) stations.

Groundwater results indicate that the VOC plume is discharging above MCLs to the hyporheic zone and mixing within the subsurface upgradient of the CMP-SW-22 surface water station, from SCSU stations 5DB80 through station 5DZ3B. The maximum groundwater concentration results are as follows: PCE – 22.1 µg/L at SCSU station 5DB80; TCE – 8.4 µg/L at 5DB80; c-1,2-DCE – 10.4 µg/L at 5DZ3; and VC – 3.0 µg/L at CMP-4. 1,1-DCE and T-1,2-DCE were not detected in groundwater. Table 6 displays the groundwater results and the average per each duplicate or triplicate sample. All surface water results were non-detect for all VOC constituents. Figure 33 displays the SCSU sample locations and the maximum PCE concentrations in their groundwater and surface water stations.

SCSU has been sampling at CMP Pits Pen Branch for multiple years and collecting samples from some of the same locations to monitor changes in contaminants over time. Their data shows that contaminant concentrations have been decreasing over time and that VOC degradation is occurring more in the downgradient, wetland/stream sample locations (Figure 34). Consistent with the conceptual model, this evidence demonstrates that degradation of PCE and TCE is occurring in the wetlands of Pen Branch.

Sediment samples were collected at nine (9) locations and at multiple depths up to 80 cm (31.5 inches) below the stream bottom for VOC and microbial analysis. Multiple sediment samples (triplicates) were collected (Table 7). The maximum sediment concentration results are as follows: PCE – 147 micrograms per kilogram (µg/kg) at SCSU station 5DB80A; TCE – 18.5 µg/kg at 5DB80A; and c-1,2-DCE – 80.7 µg/kg at 5DB80. 1,1-DCE, t-1,2-DCE, and VC were not detected in sediment.

In 2025, SCSU continued to expand their investigation with microbial studies to determine the VOC natural attenuation processes occurring in the Pen Branch wetlands. Microbial methods utilized 16S rRNA-DNA extractions and gene sequencing with quantitative polymerase chain reaction (qPCR) analyses conducted at Savannah River National Laboratory (SRNL) with parallel analyses conducted at SCSU using the same methodologies. Bacterial genera were then identified using DNA sequencing libraries. Results showed that bacteria known to support VOC degradation (*Dehalococcoidaceae* and *Dehalogenimonas)* are present and abundant in some of the Pen Branch wetland samples (Figure 35).

Additional natural attenuation studies were conducted using gas chromatography-isotope ratio mass spectrometry (GC-IRMS) with compound specific isotope analysis (CSIA). Fifteen (15) sediment samples collected at multiple depth intervals during temporary groundwater well installations were submitted to Michigan State University for experimentation. In general, results for stable carbon isotope ratios for 2025 showed bacterial enrichment of PCE to TCE to c-1,2-DCE. The CSIA methodology was not sensitive enough to detect c-1,2-DCE dehalogenation to VC.

Evidence for actual bacterial dehalogenation of VOC's in Pen Branch sediments was modelled using microcosms with ambient, anaerobic Pen Branch sediments and microbial communities. A total of 13 control microcosms (original Pen Branch sediments without additional VOC) were also randomly assigned to treatment groups: five controls to a PCE group; four controls to a TCE group; and four controls to a c-1,2-DCE group. For each sampling date, three microcosms were randomly selected for CSIA along a time series of 0, 7, 14, 21, and 28 days. $^{13}$C-enrichment of VOC parent compounds with complementary $^{13}$C depletion in daughter compounds was evidence of microbial natural attenuation activity. In general, time series results for stable carbon isotope ratios in microcosms treated with PCE, TCE, or c-1,2-DCE all showed natural attenuation enrichment (Figure 36). However, CSIA was less pronounced for PCE microcosms. Enzyme kinetics for natural attenuation by *Dehalogenimonas* and *Dehalococcoides* appeared to reach a saturation level by incubation Day-20.

Stable carbon-isotope ratios determined by GC-IRMS with CSIA document bacterial degradation of parent VOC compounds when the parent (i.e., PCE or TCE) compound becomes more enriched

with the heavier stable isotope ($^{13}C$) and the daughter compound (*i.e*. cis-DCE or VC) becomes more enriched with the lighter stable isotope ($^{12}C$). The functional CSIA ratio of these isotopes is termed $\delta^{13}C$ and the more negative the $\delta^{13}C$ value, the more depleted that daughter product is in $^{13}C$.; showing fractionation. Alternatively, parent compounds (i.e. microcosm treatments with PCE, TCE, and cis-DCE will become less negative by enrichment with heavier $^{13}C$; also showing natural attenuation fractionation. This was clearly represented by all three microcosm treatments in Figure 36.

## 3.0 SUMMARY

A CSM (Figure 3) has been developed to illustrate potential contamination sources and groundwater transport pathways. Surface maps of the tan clay units (TCCZ and TCLC) (Figure 4) help explain radial groundwater flow at the CMP Pits and likely contaminant migration mechanisms. Monitoring well water levels in 2025 were similar to 2024 due to near-average rainfall. Estimated dry areas in the TZ and MAZ remained consistent with previous observations. Perched water tables likely exist within both zones. The geometry of the tan clay layer and the position of the water table continue to restrict horizontal groundwater flow and create complex localized flow paths.

In November 2025, SRS installed an additional continuous (15-minute interval) streamflow data logger at the northern arm of Pen Branch along C Road (Figure 5). This provides real-time flow data to support trend analysis and future modeling efforts. Figure 37 shows that the north tributary (CMP-SW-25) has an approximate baseflow of 50 gpm, while the south tributary (CMP-SW-23) carries around 225 gpm. On the west side of Pen Branch, CMP-SW-24 shows a higher baseflow (~450 gpm) than the combined upstream tributaries, confirming that Pen Branch is a gaining stream.

At the CMP Pits, advection and dispersion remain the dominant MNA mechanisms, with anaerobic biodegradation occurring in the Pen Branch hyporheic zone and adjacent wetlands. Groundwater and surface water results align with model predictions (WSRC 2002; SRNS 2017, 2025). Monitoring data through March 2026 indicates the MNA remedy is performing as expected as 76% of wells show stable, decreasing, or non-detect trends. Previously increasing concentrations

of PCE, TCE, 1,4-dioxane, and lindane at well CMP 35D (2010–2021) have stabilized (2021–2025). PCE in CMP 35D measured 2,500 µg/L in 2025, similar to 2001 levels before the ERH/SVE remediation. At CMP 34D, PCE declined to 273 µg/L in 2025. The localized post-remediation increases at the pits were temporary and likely reflect mass mobilization during ERH/SVE and infiltration-driven releases of residual vadose-zone contaminants. Recent stabilization suggests depletion of remaining source mass.

Because groundwater concentrations increased near the source area (CMP Pits Trench Area) between 2010 and 2021, SRS revised the 2017 model using 2021 soil data and recent groundwater results. The updated model recalculated PCE cleanup time at 104 years (CY 2127), slightly longer than the 2017 update but within the range of the original 2002 model. Predicted simulations for all contaminants except PCE are not expected to exceed MCLs in Pen Branch surface water. However, the model does not consider the attenuation capacity of the wetlands. Field evidence, especially SCSU trend data, indicates decreasing contaminant loads to Pen Branch, suggesting PCE is also unlikely to impact surface water.

In the distal plume, wells to the northeast show relatively high VOC levels, indicating a possible preferential flow path. Dry zones may be slightly redirecting groundwater and contributing to elevated concentrations in that area. LAZ wells CMP066B and CMP067B, located north of Pen Branch, showed no VOC detections.

In 2025, 1,4-dioxane was analyzed in most CMP Pits wells and surface water stations using two methods, USEPA 8270ESIM and USEPA 522. The 1,4-dioxane plume mirrors PCE/TCE distribution across all aquifers. The maximum concentration was 385 µg/L at CMP 35D (TZ). All surface water stations showed detections, but most were below the RSL (0.46 µg/L), except CMP-SW-20 (max 0.781 µg/L).

SCSU's 2025 screening-level data show VOCs present in shallow (<2.5 ft) groundwater beneath Pen Branch, mainly upgradient of station CMP-SW-22. The presence of cis-1,2-DCE and VC indicates in-situ VOC degradation is occurring. Long-term trends support decreasing VOC discharge to Pen Branch (Figure 34). SCSU also expanded sampling to include sediment from their temporary monitoring well borings under the streambed for VOCs and microbial analysis.

Microbial methods utilized 16S rRNA-DNA extractions and gene sequencing with (qPCR) analyses conducted at SRNL with parallel analyses conducted at SCSU using the same methodologies. Results identified bacteria that's known to support VOC degradation (e.g., Dehalococcoidaceae, Dehalogenimonas) were present and abundant in the samples (Figure 35). Additional isotope analyses (GC-IRMS/CSIA) at Michigan State showed enrichment patterns consistent with natural attenuation (Figure 36), confirming active biodegradation is present in the wetlands.

Lindane exceeded its 0.2 µg/L MCL in only four wells near the CMP Pits—CMP 35D (TZ), CMP 46D and CMP 47D (MAZ), and CMP059C (MAZ)—with a maximum of 4.89 µg/L at CMP 35D, down from 2024 concentrations. All other wells were below MCLs or non-detect.

Overall, long-term trends and plume interpolation remain the strongest indicators that the MNA remedy is performing as expected. Although the plume footprint has changed little since the source-zone remediation 17 years ago, high-concentration areas continue to decline, and Pen Branch surface water remains protected as no VOCs exceeded groundwater MCLs in 2025. Wetlands biodegradation continues to reduce contaminant flux to the stream. SRS will continue monitoring to ensure ongoing protection of Pen Branch.

SRS plans a future model update that will incorporate the GA, as all prior models only include the UTRA. In 2026, five soil borings will be investigated near the CMP Pits to further characterize remaining VOC mass. These results will be integrated with the 2021 soil investigation to support vadose-zone modeling in 2027 and future groundwater model updates. Additional microbial studies are planned over the next three years to further understand natural attenuation processes in the wetlands. SRS intends to convene a Core Team meeting with USDOE, USEPA, and SCDES in September or October 2026 to discuss these additional planned activities and provide a presentation on the findings from a Groundwater Plume Analytics® evaluation (WSP 2026) conducted on the TCE, PCE, and 1,4-Dioxane plumes at the CMP Pits OU.

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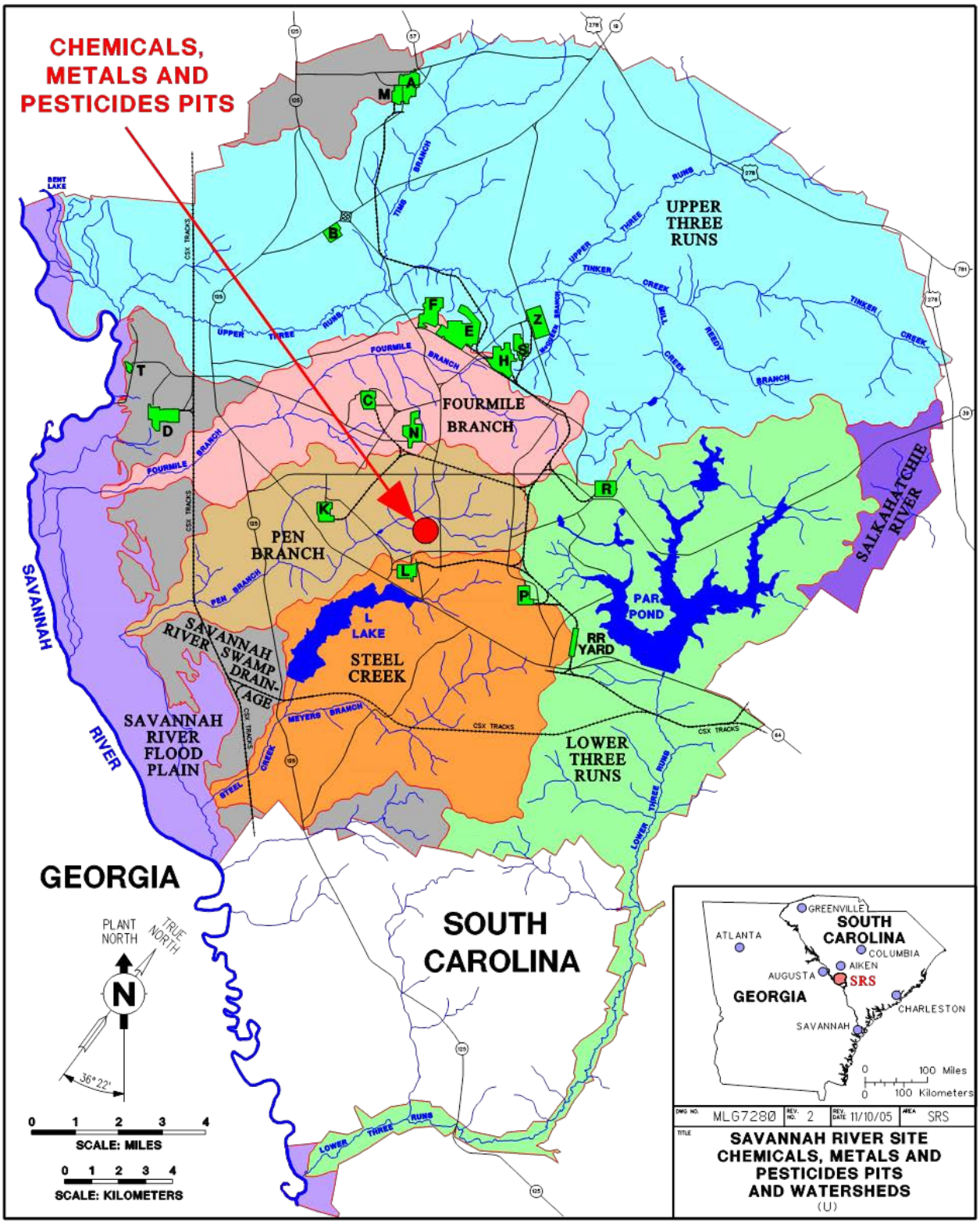



**Figure 1. Location of the CMP Pits OU within the Savannah River Site**

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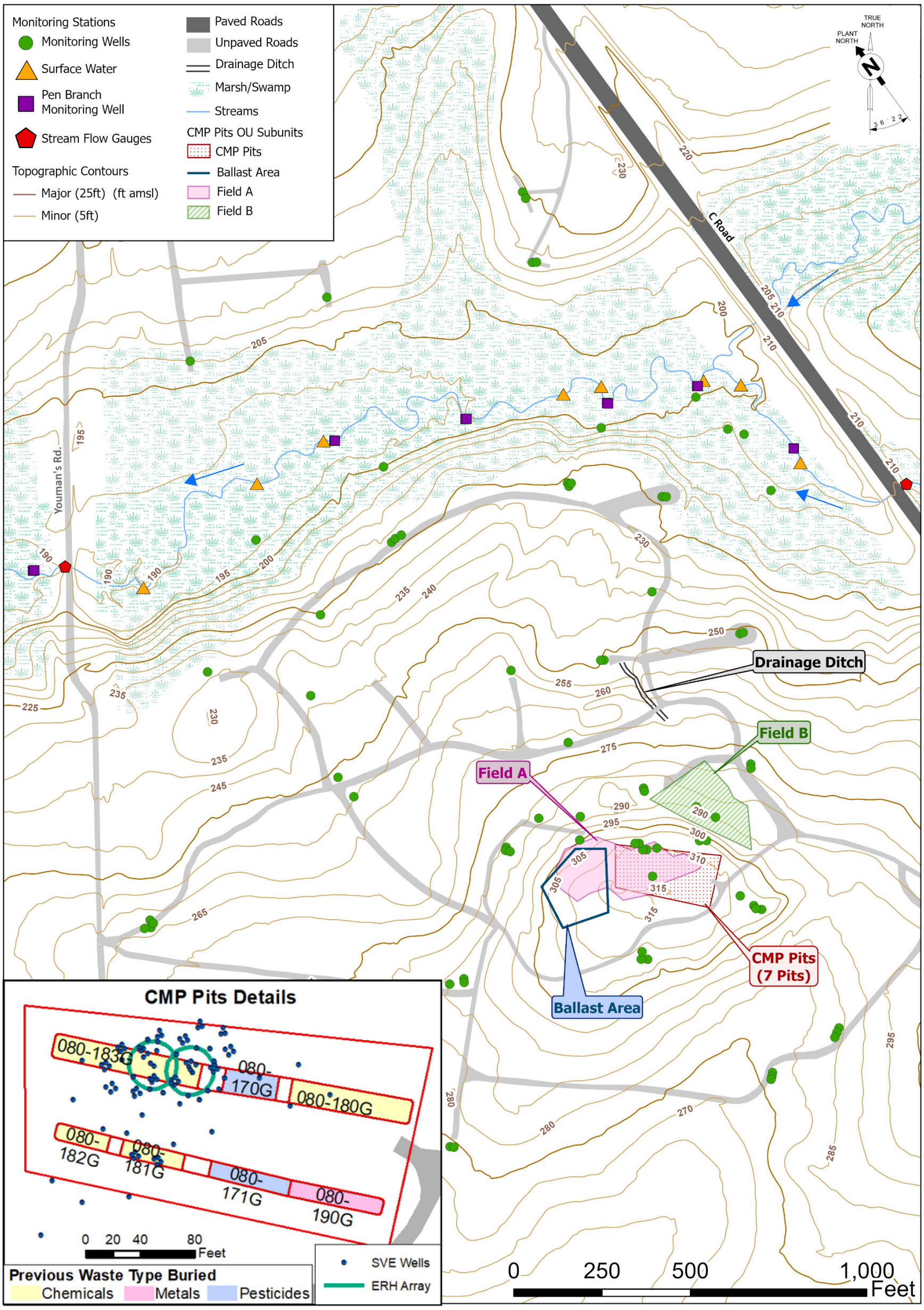
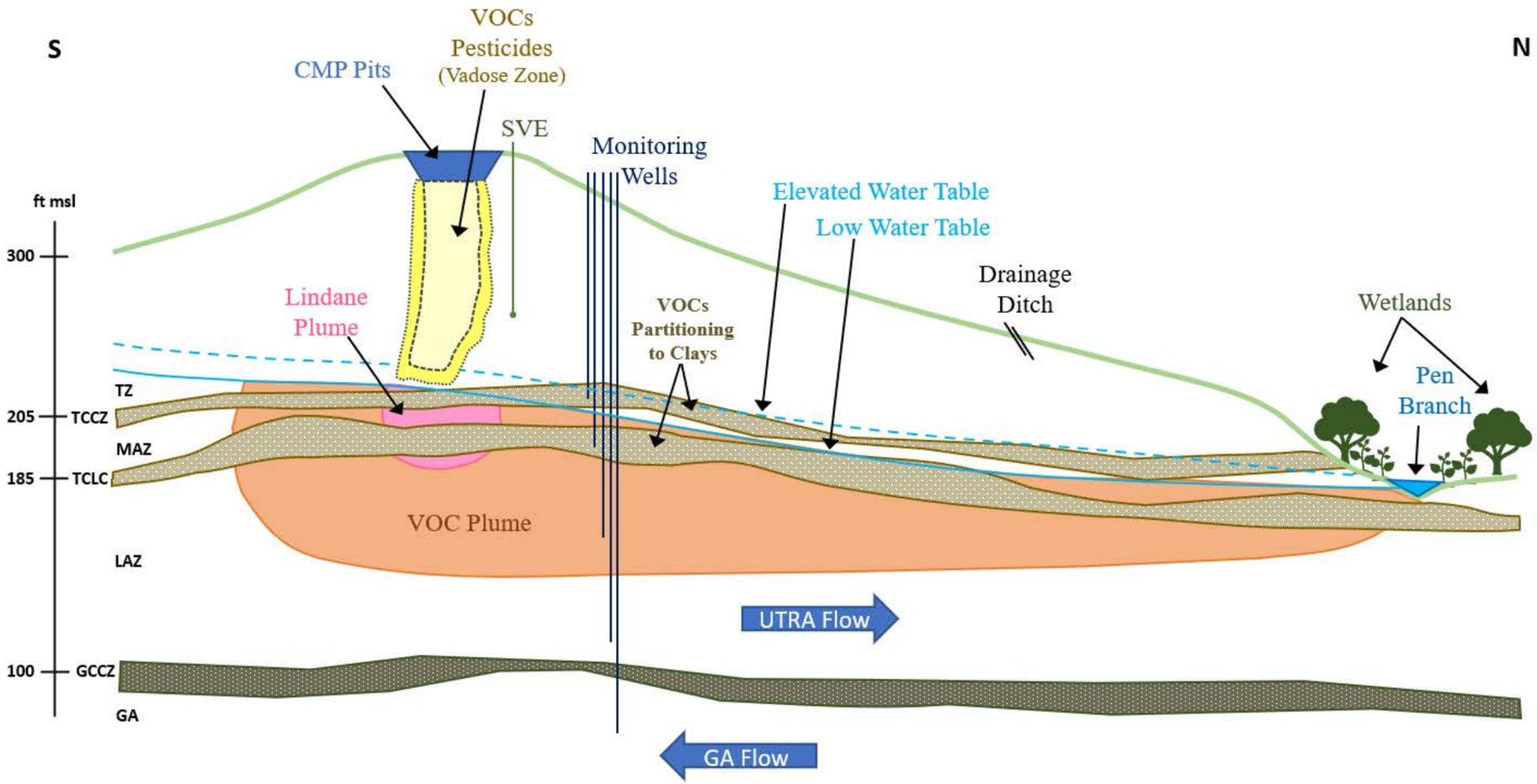



**Figure 2. CMP Pits OU Subunits**

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Notes: The TCCZ, TCLC, and GCCZ may not be competent clay units and may be hummocky, discontinuous, and/or leaky in some areas.
Not drawn to scale.

**Figure 3. CMP Pits Groundwater OU Conceptual Site Model (CSM)**

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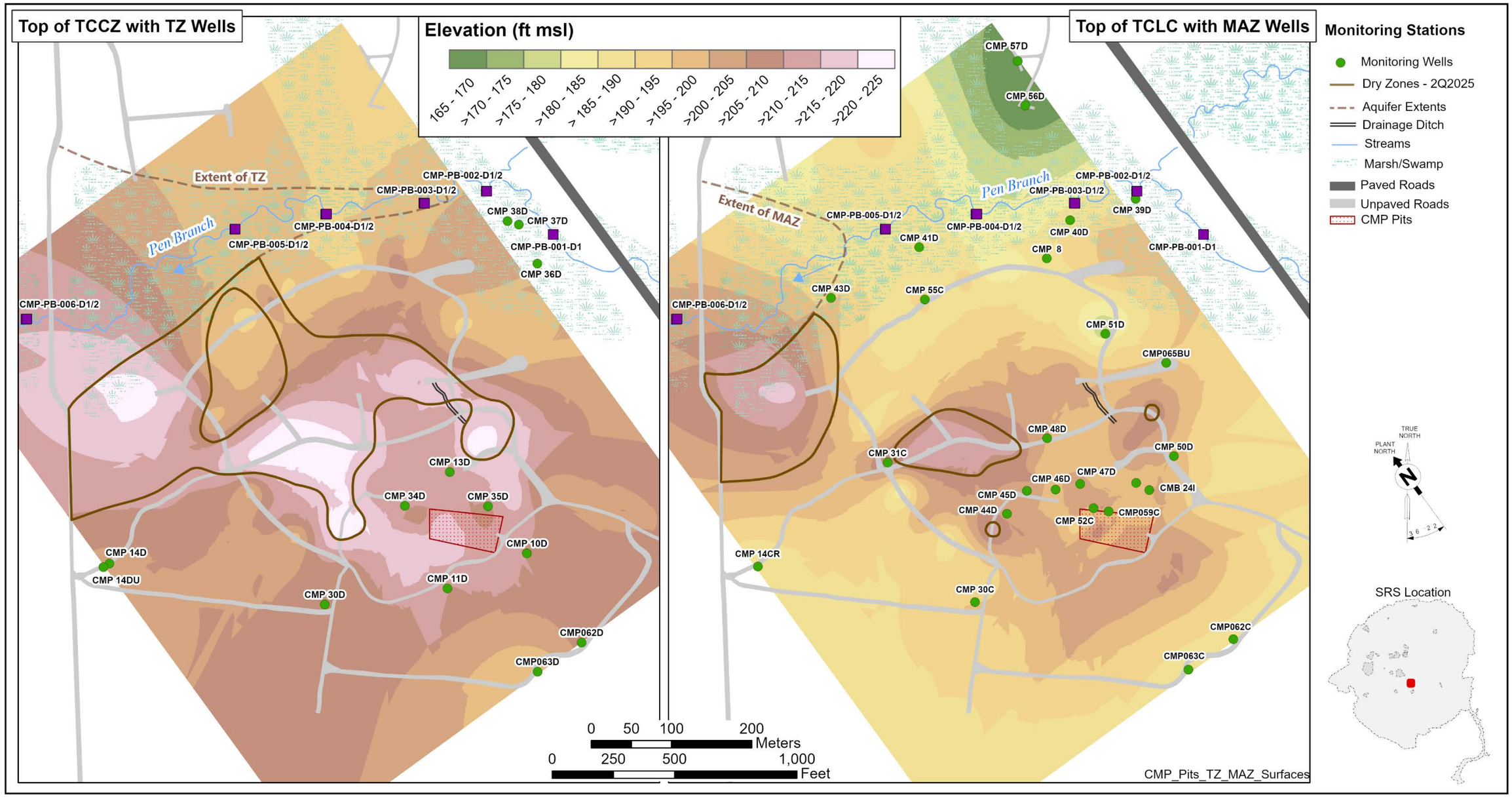



**Figure 4. Stratigraphic Surfaces of the TCCZ and TCLC with 2Q2025 Dry Zones of the TZ and MAZ**

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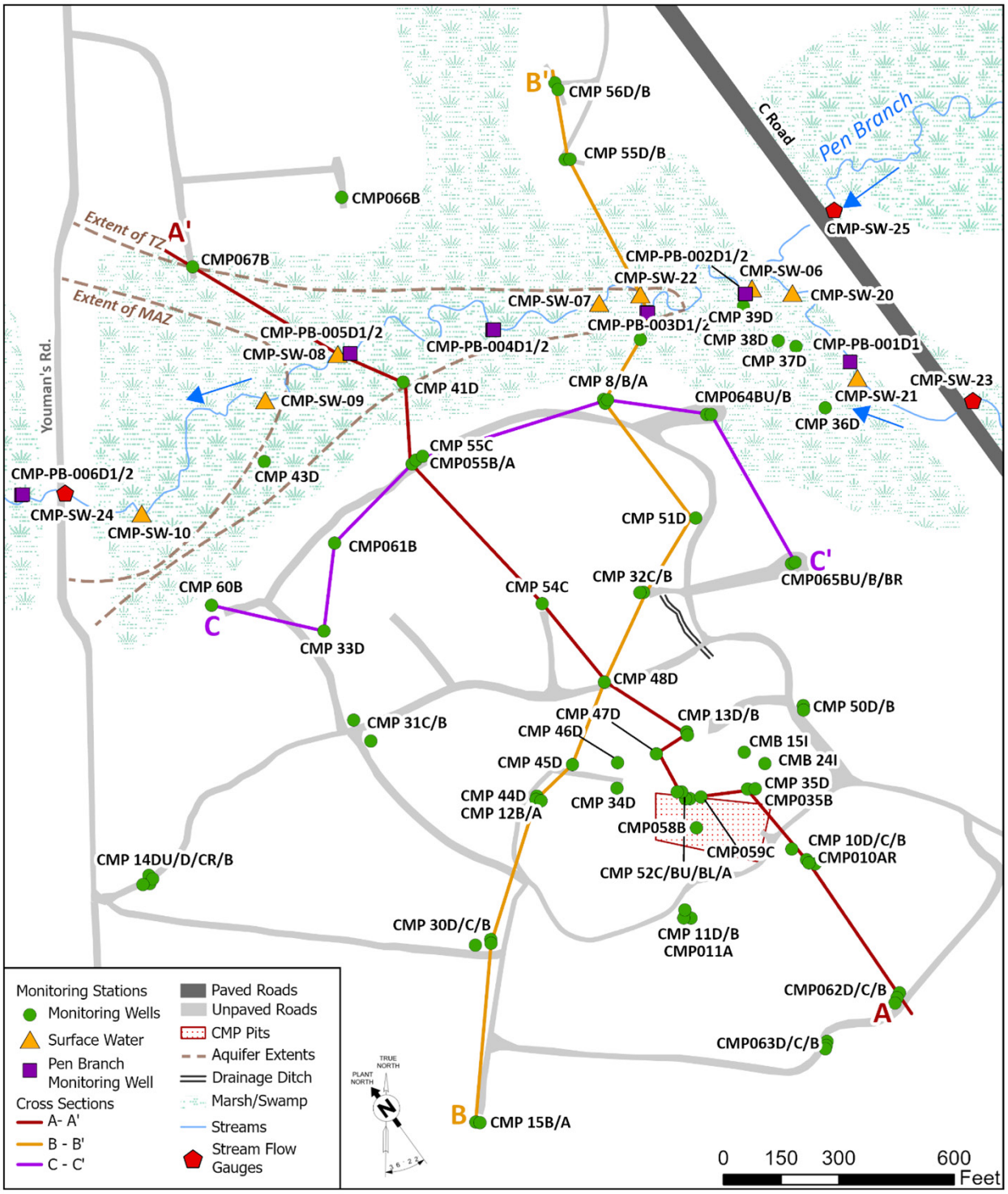
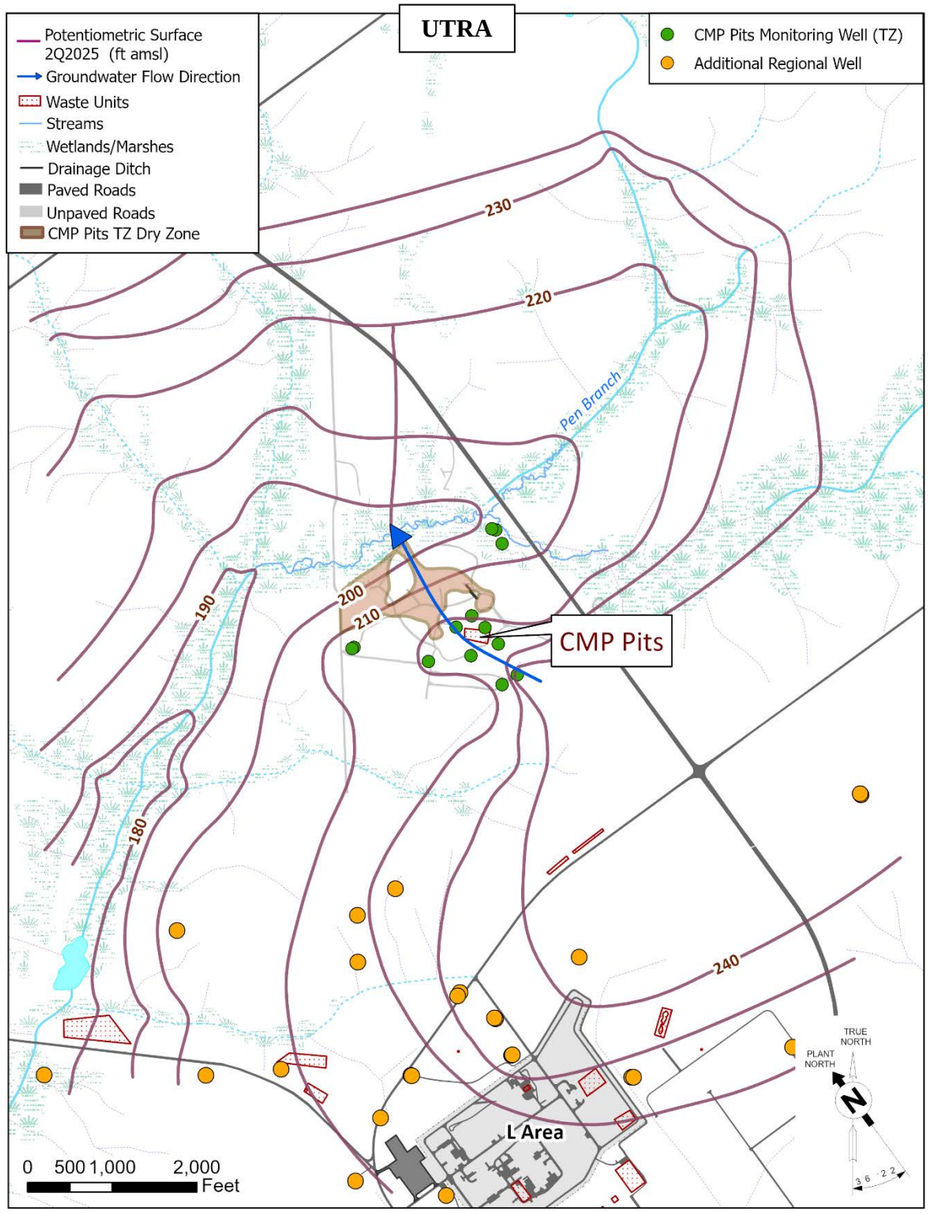



**Figure 5. CMP Pits OU Monitoring Network, and Cross Section Lines**

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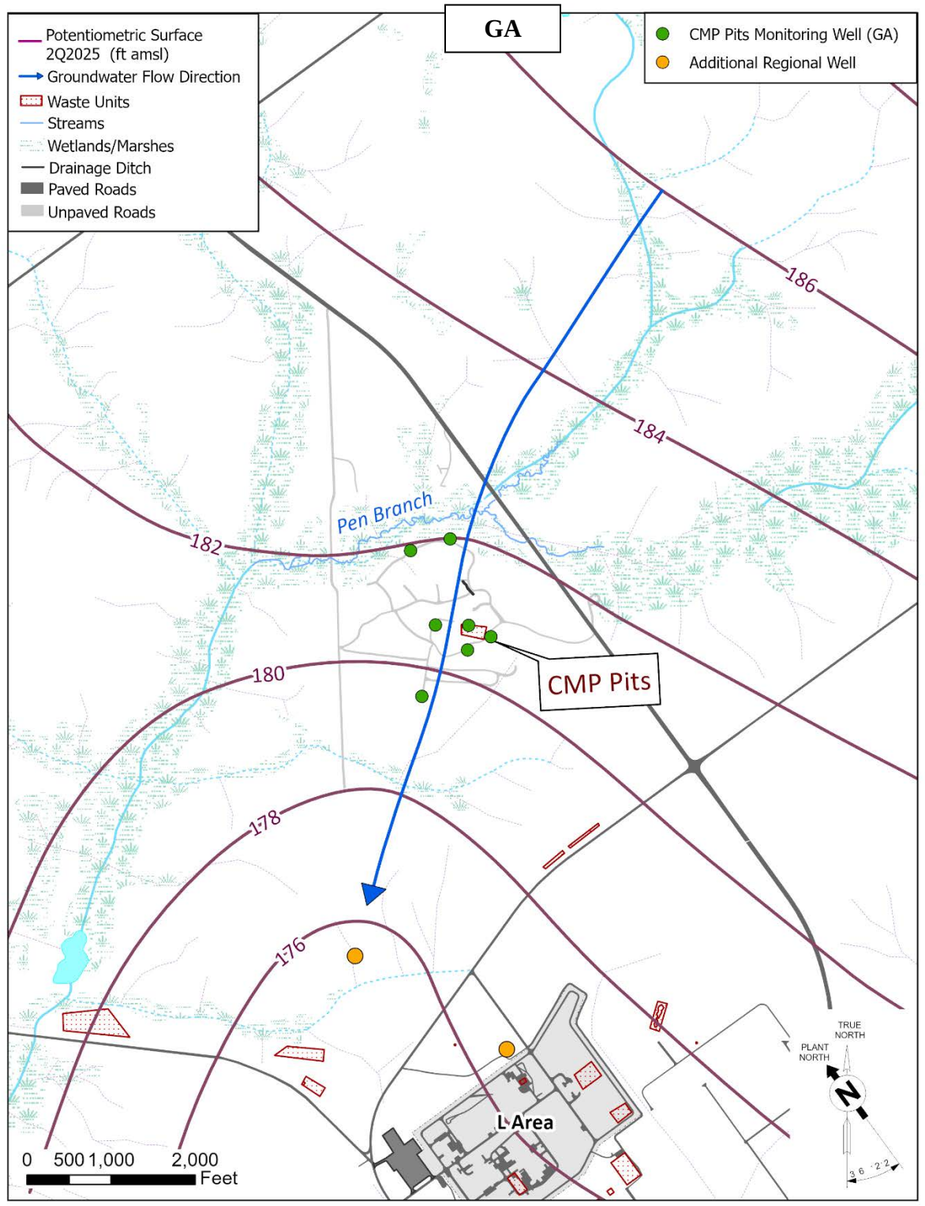




**Figure 6. Regional Water Table and GA Potentiometric Surface, 2Q2025**

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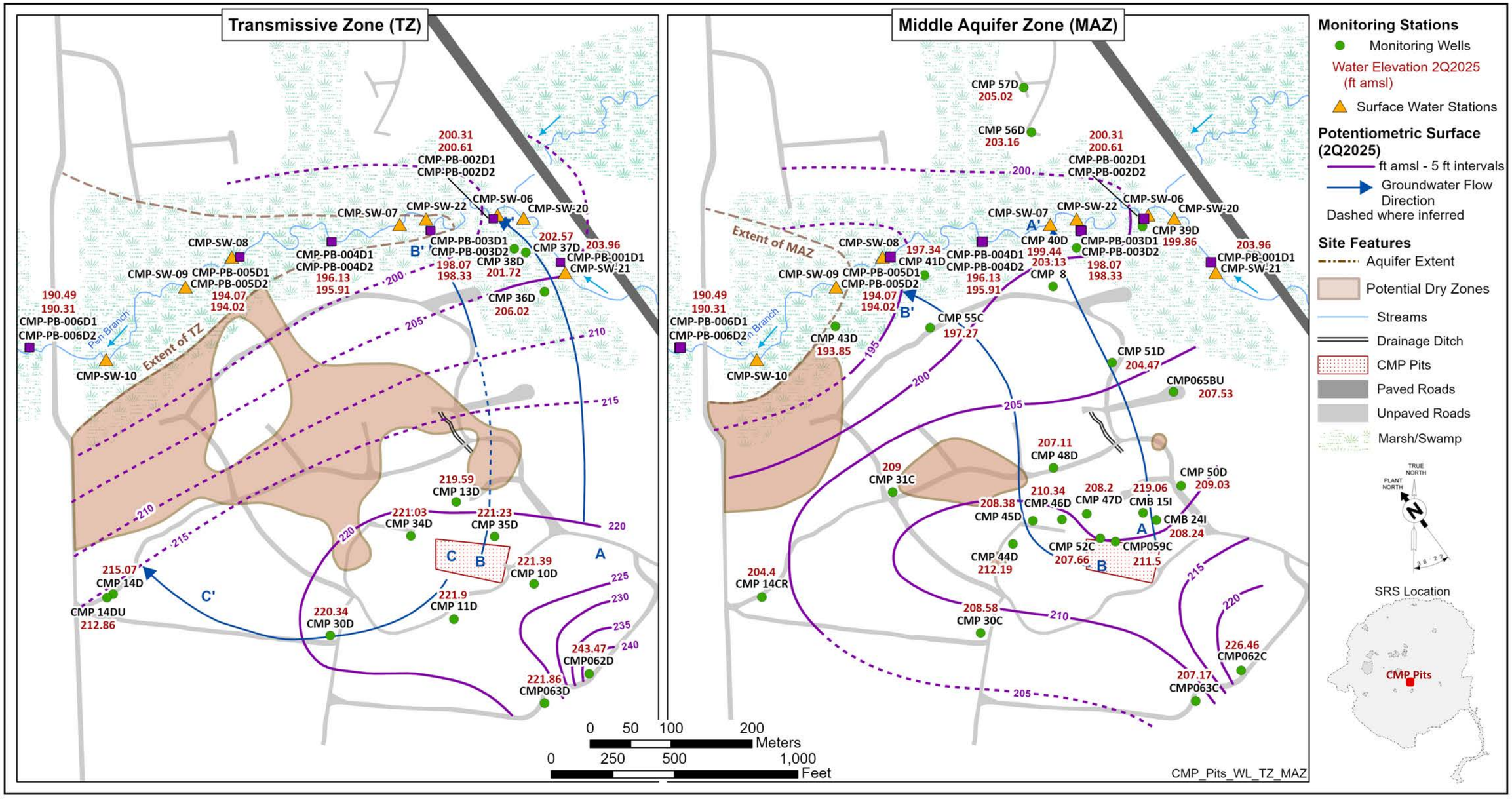



**Figure 7. 2025 Potentiometric Surface for the TZ and MAZ**

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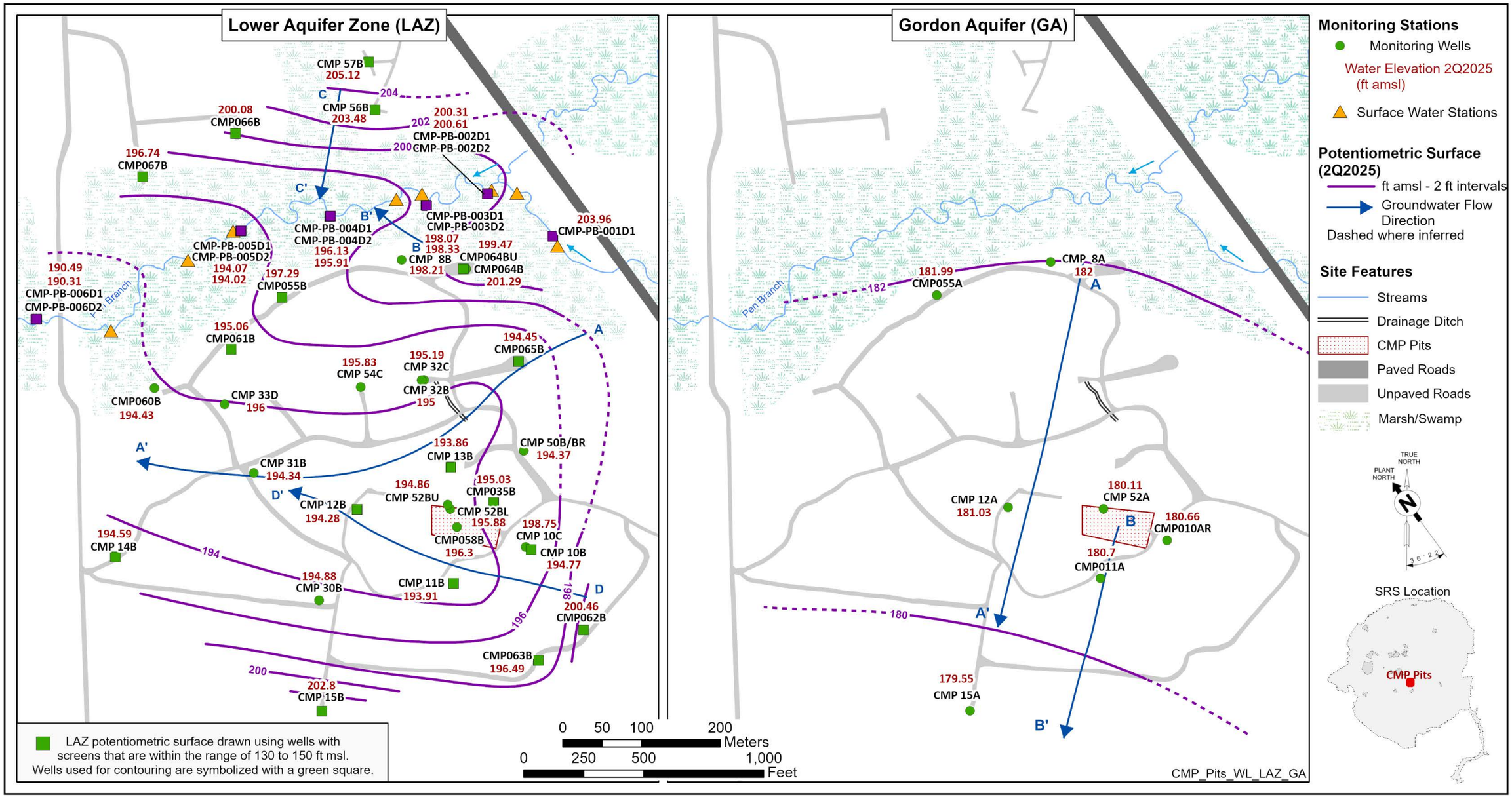



**Figure 8. 2025 Potentiometric Surface for the LAZ and GA**

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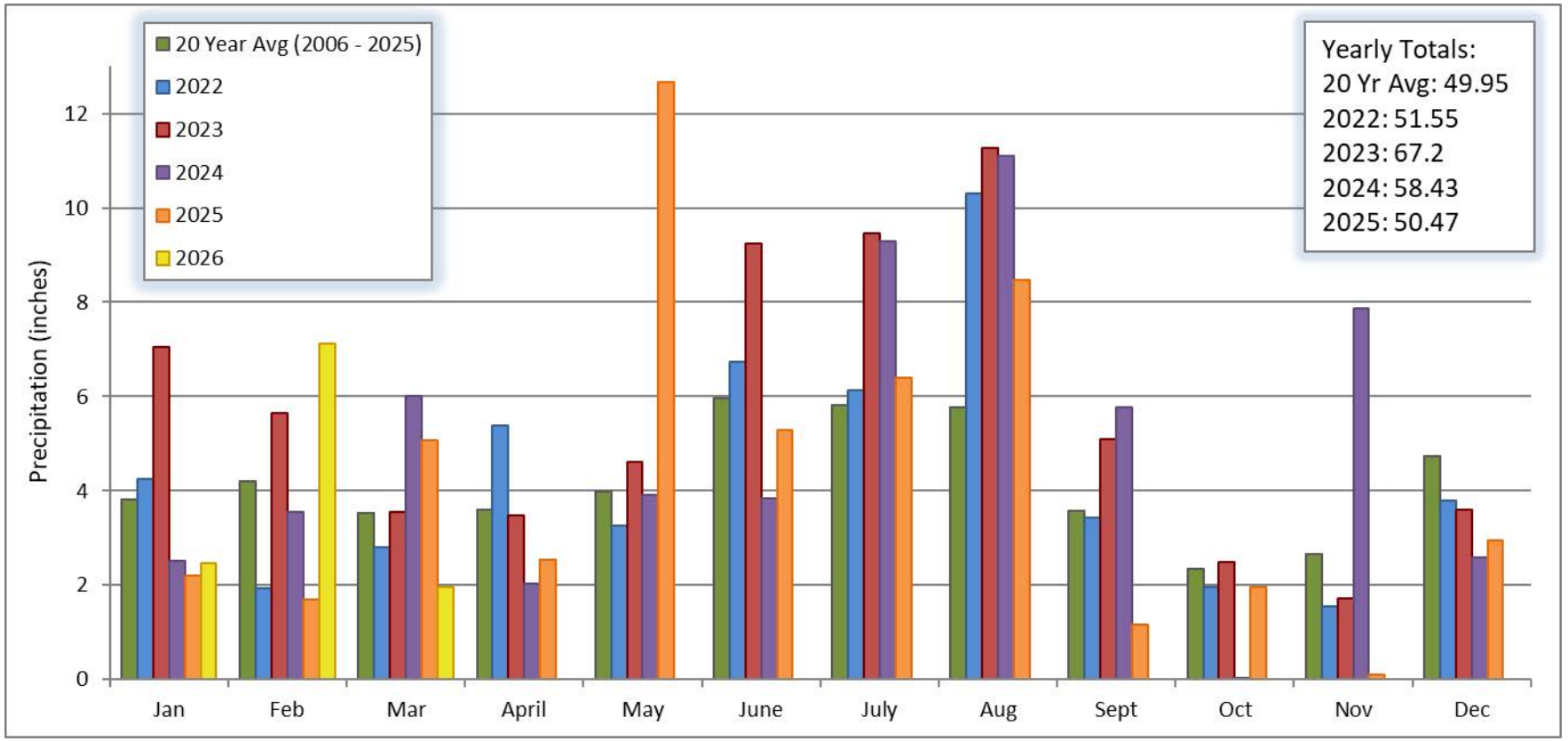



**Figure 9. Monthly Rainfall Measurements in L-Area for 2025, 2024, 2023, 2022, and the 20-Year Average**

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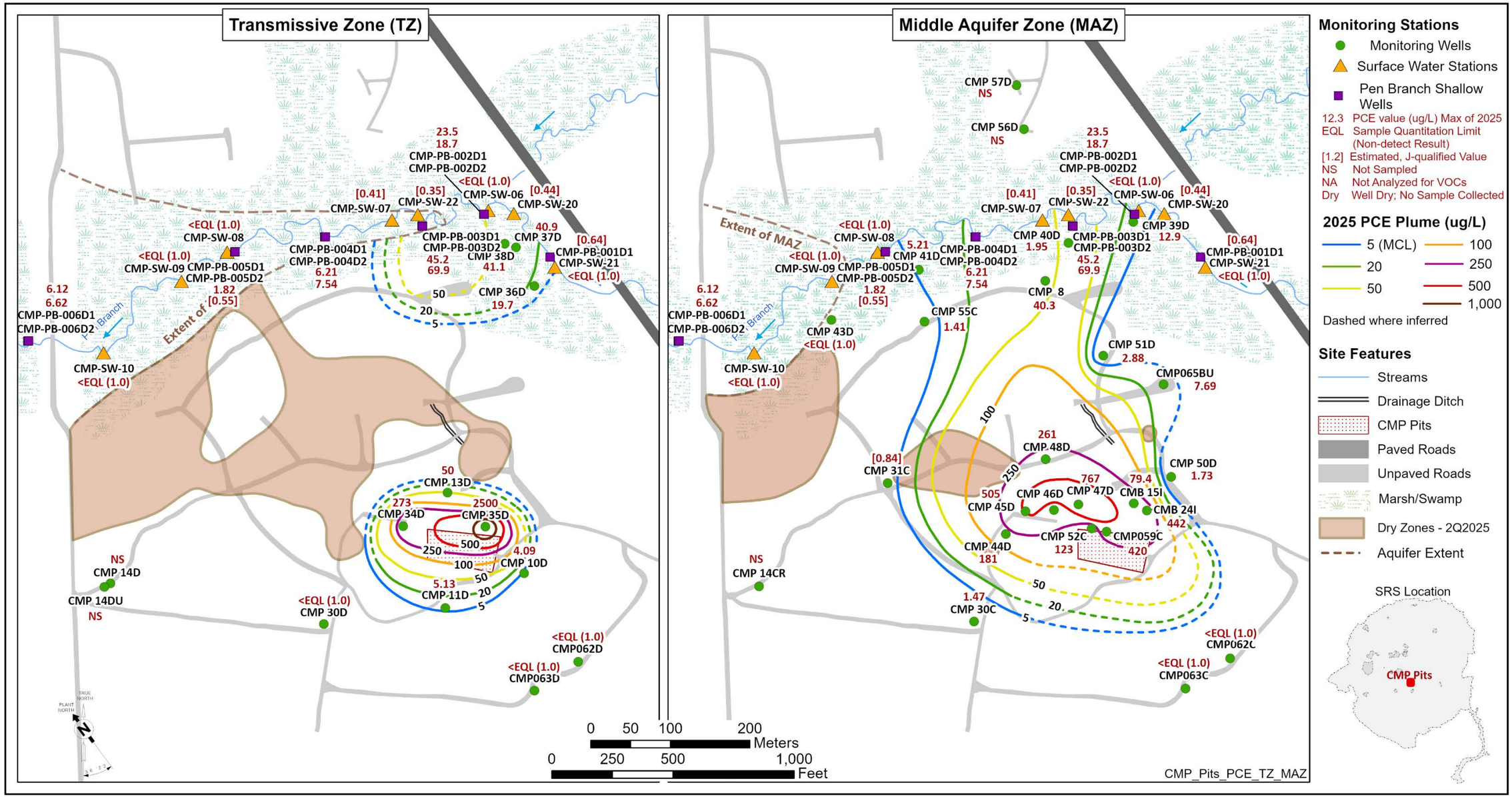



**Figure 10. 2025 PCE Plume and Groundwater and Surface Water Results for the TZ and MAZ**

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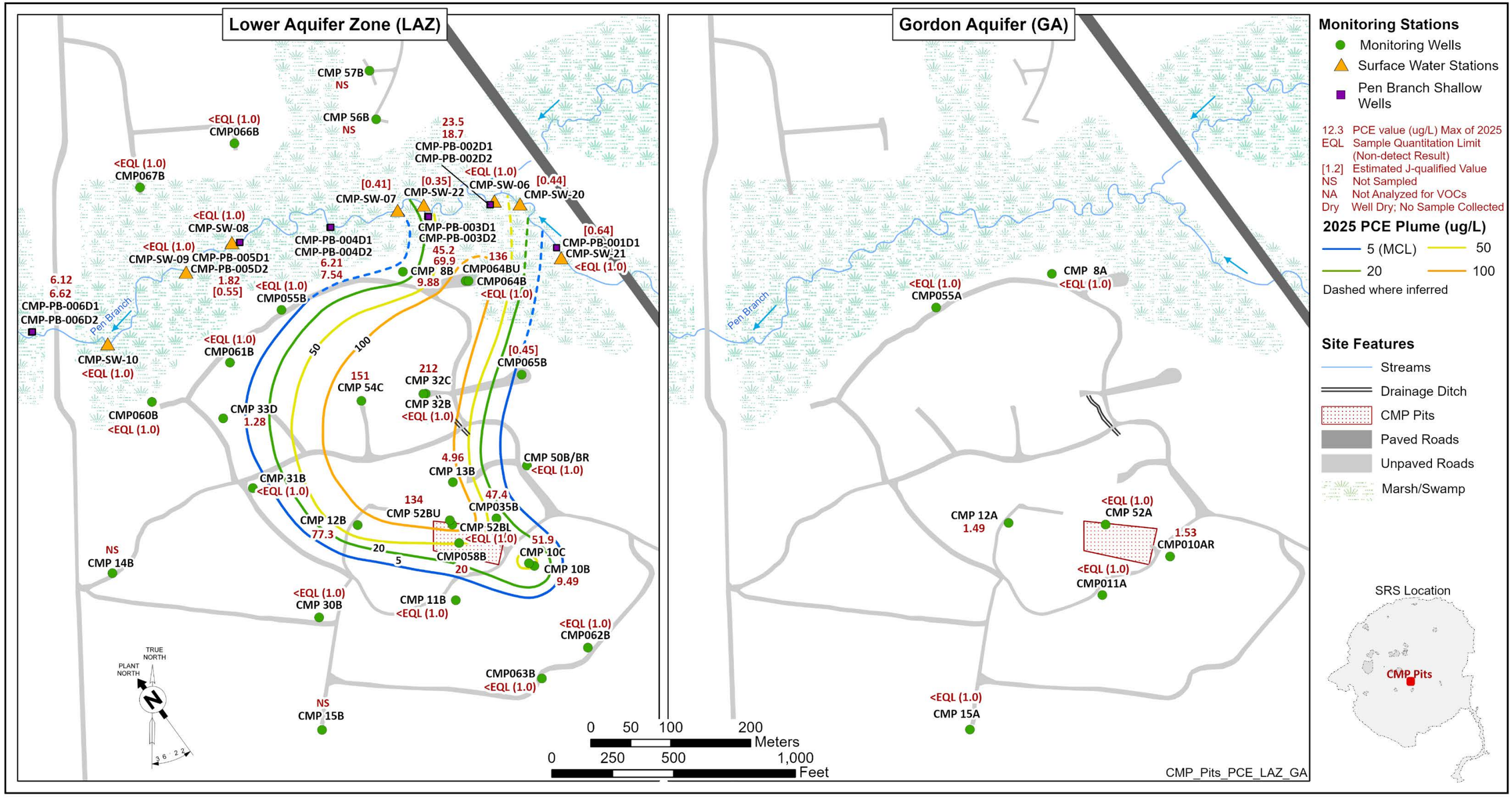



**Figure 11. 2025 PCE Plume and Groundwater Results for the LAZ and GA**

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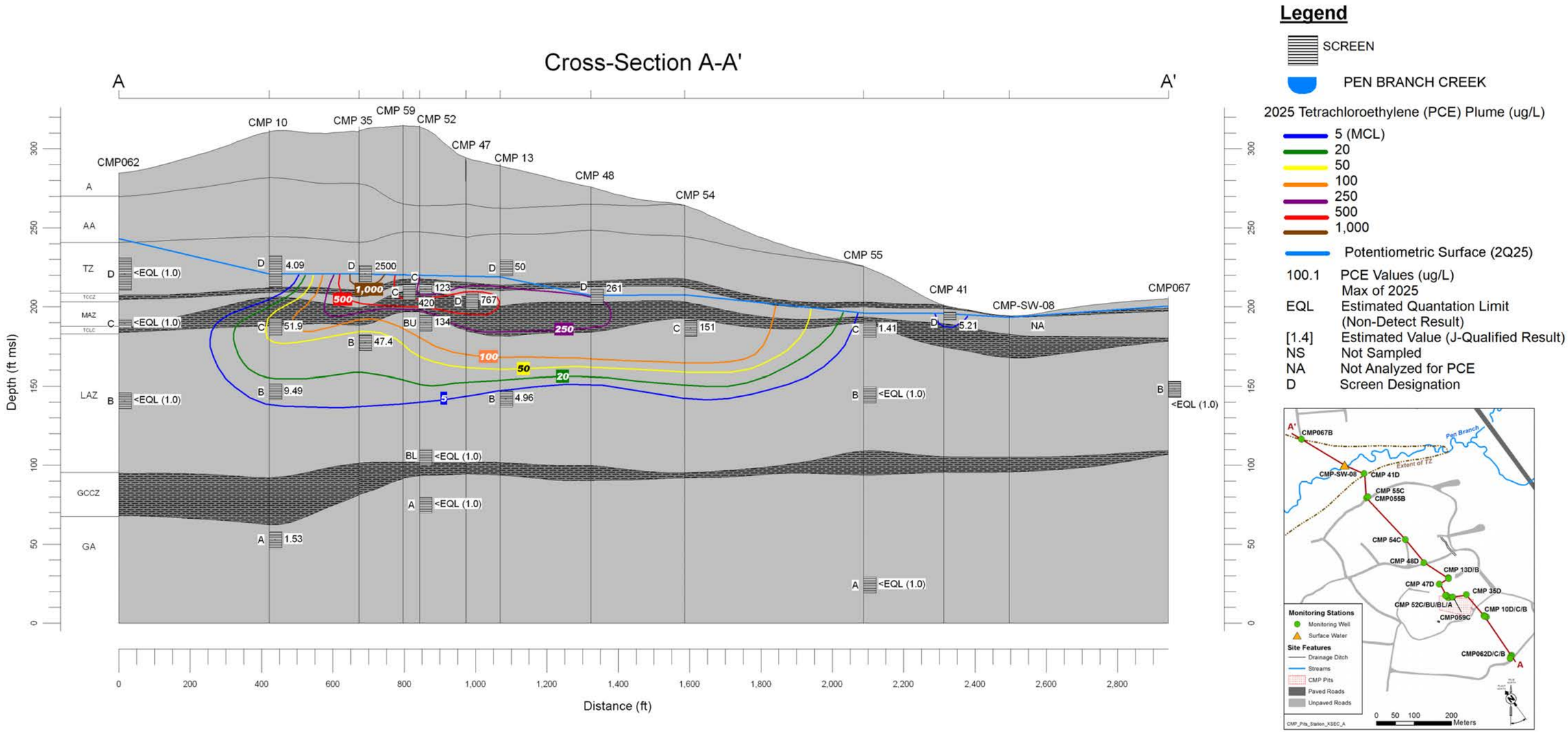



**Figure 12. Cross Section A - A' at the CMP Pits OU Area with 2025 PCE Plume and Results**

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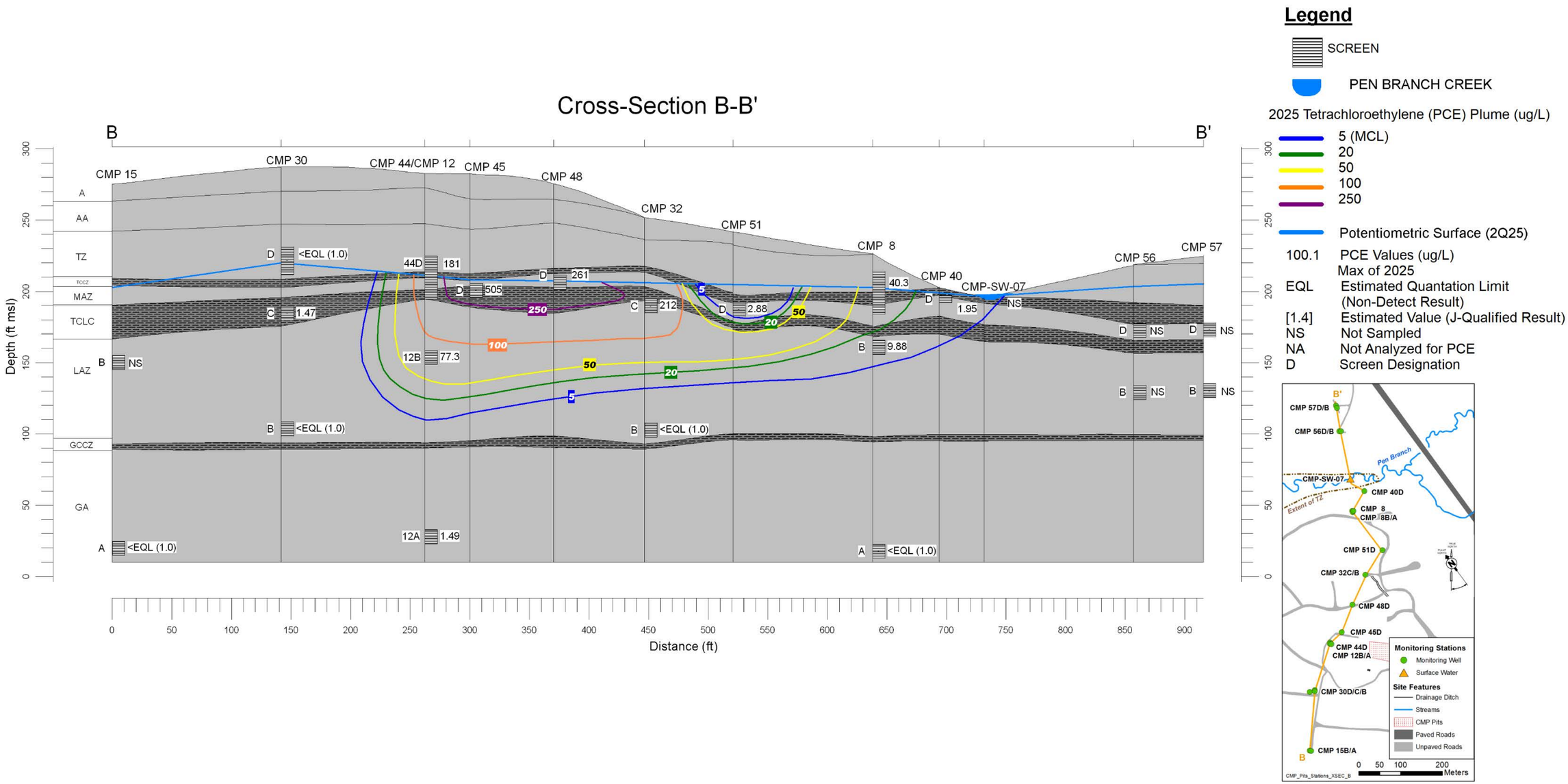



**Figure 13. Cross Section B - B' at the CMP Pits OU Area with 2025 PCE Plume and Results**

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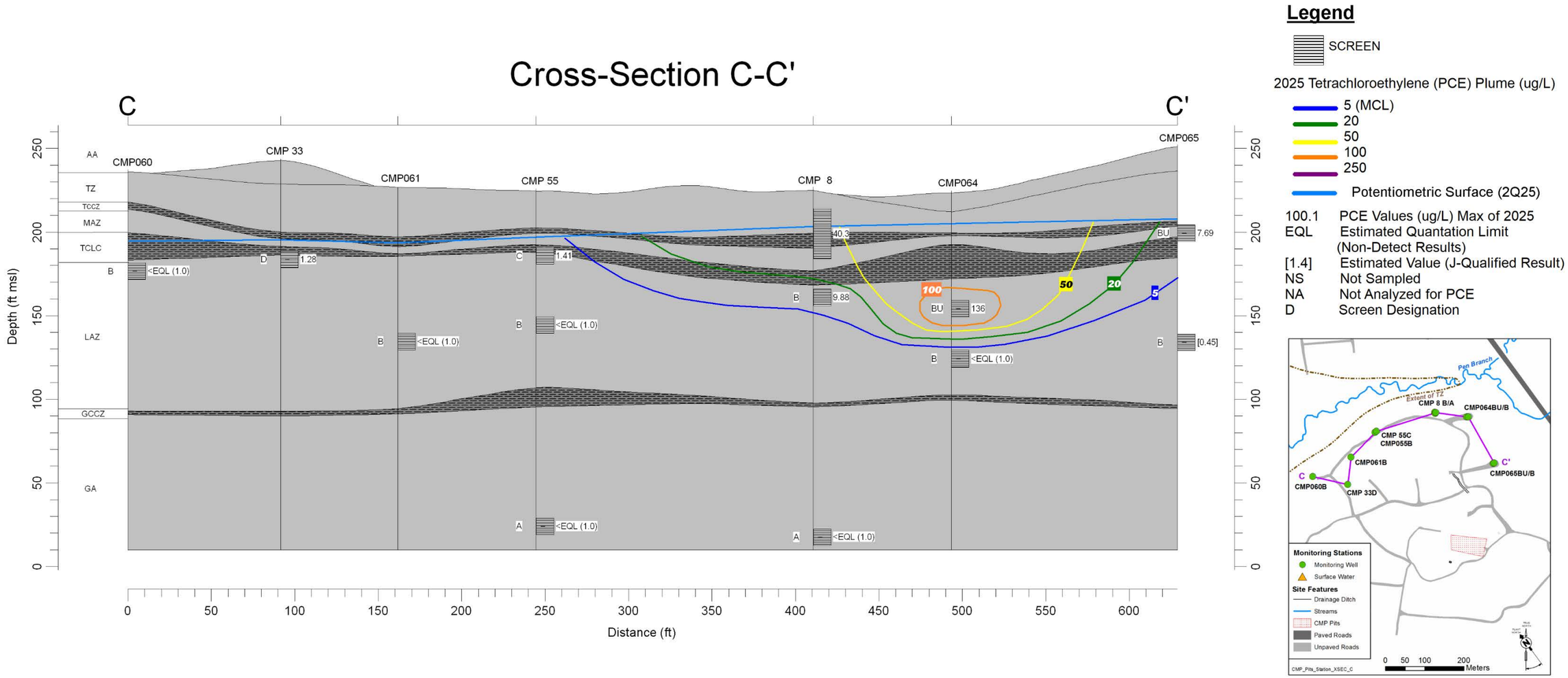



**Figure 14. Cross Section C - C' at the CMP Pits OU Area with 2025 PCE Plume and Results**

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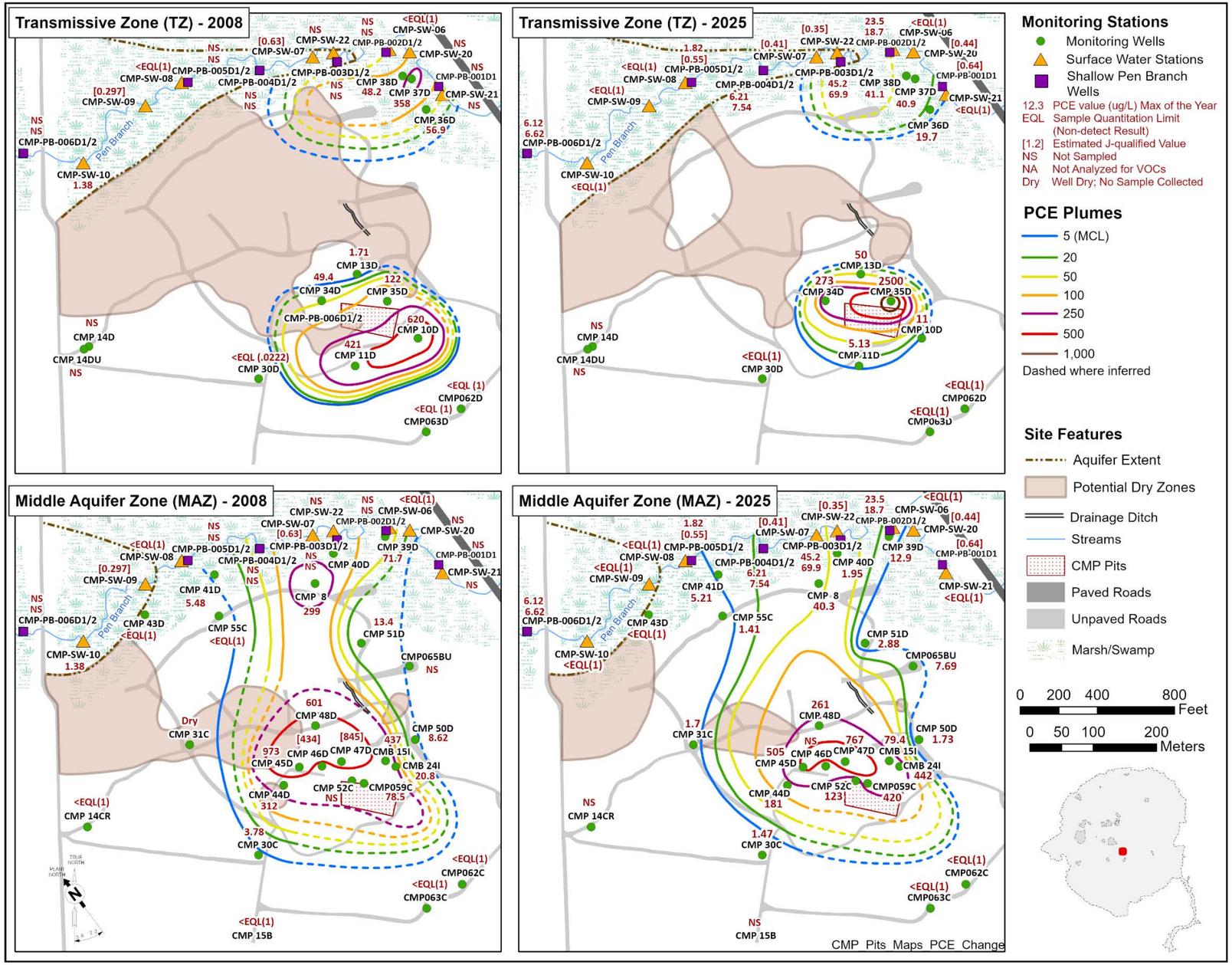



**Figure 15. PCE Plume Comparison from 2008 and 2025 in the TZ and MAZ**

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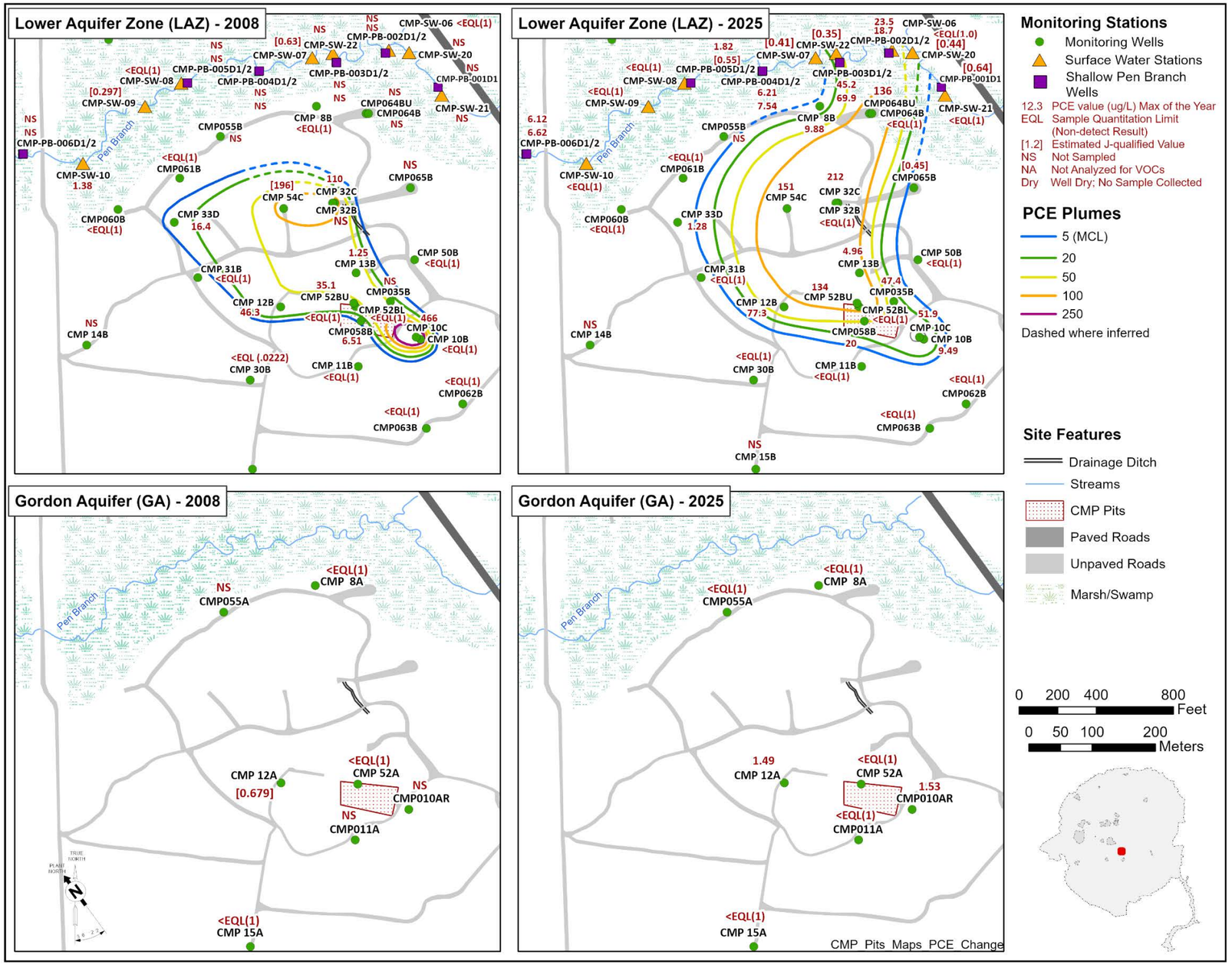



**Figure 16. PCE Plume Comparison from 2008 and 2025 in the LAZ and GA**

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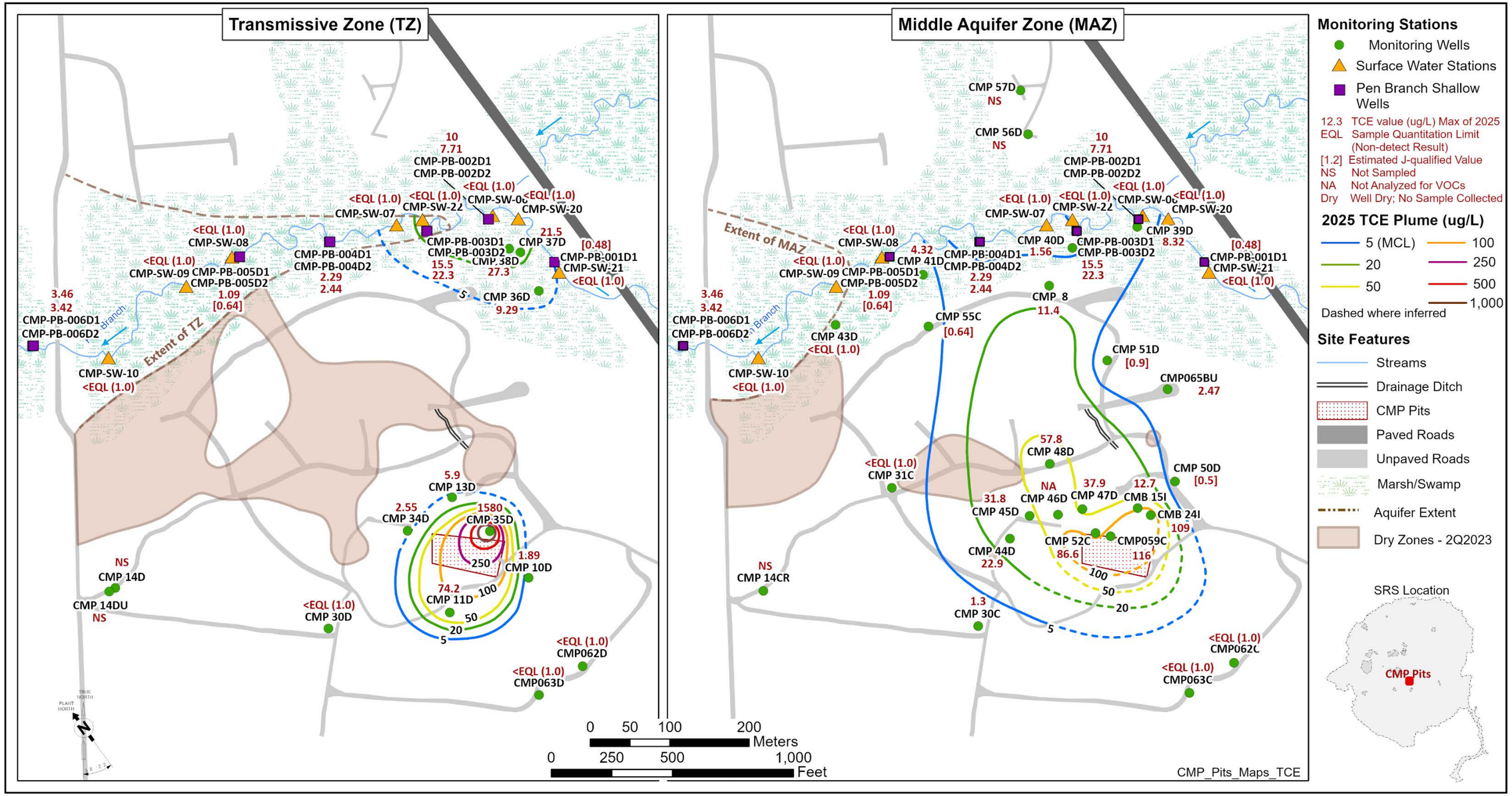



**Figure 17. 2025 TCE Plume and Groundwater and Surface Water Results in the TZ and MAZ**

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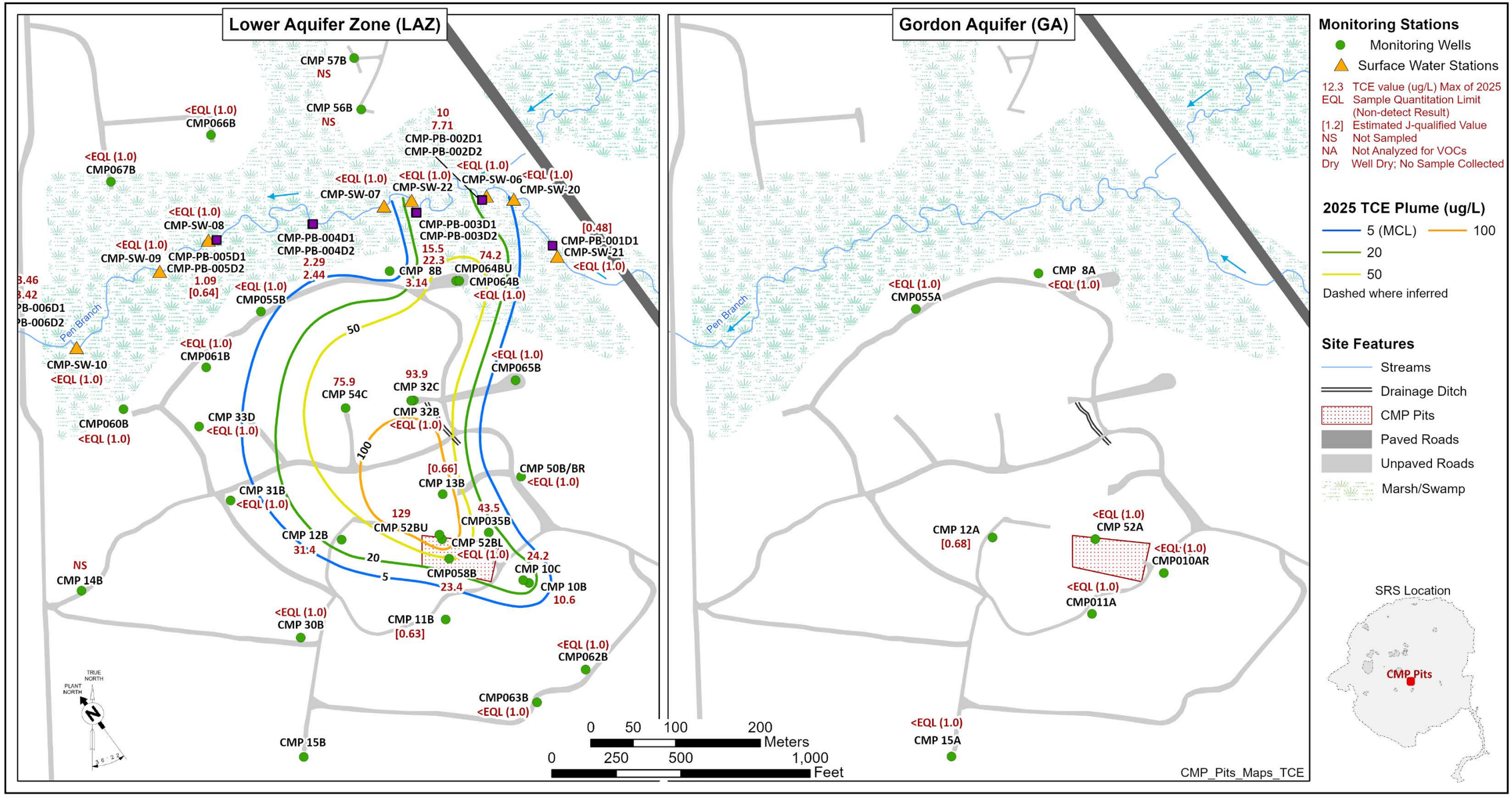



**Figure 18. 2025 TCE Plume and Groundwater Results for the LAZ and GA**

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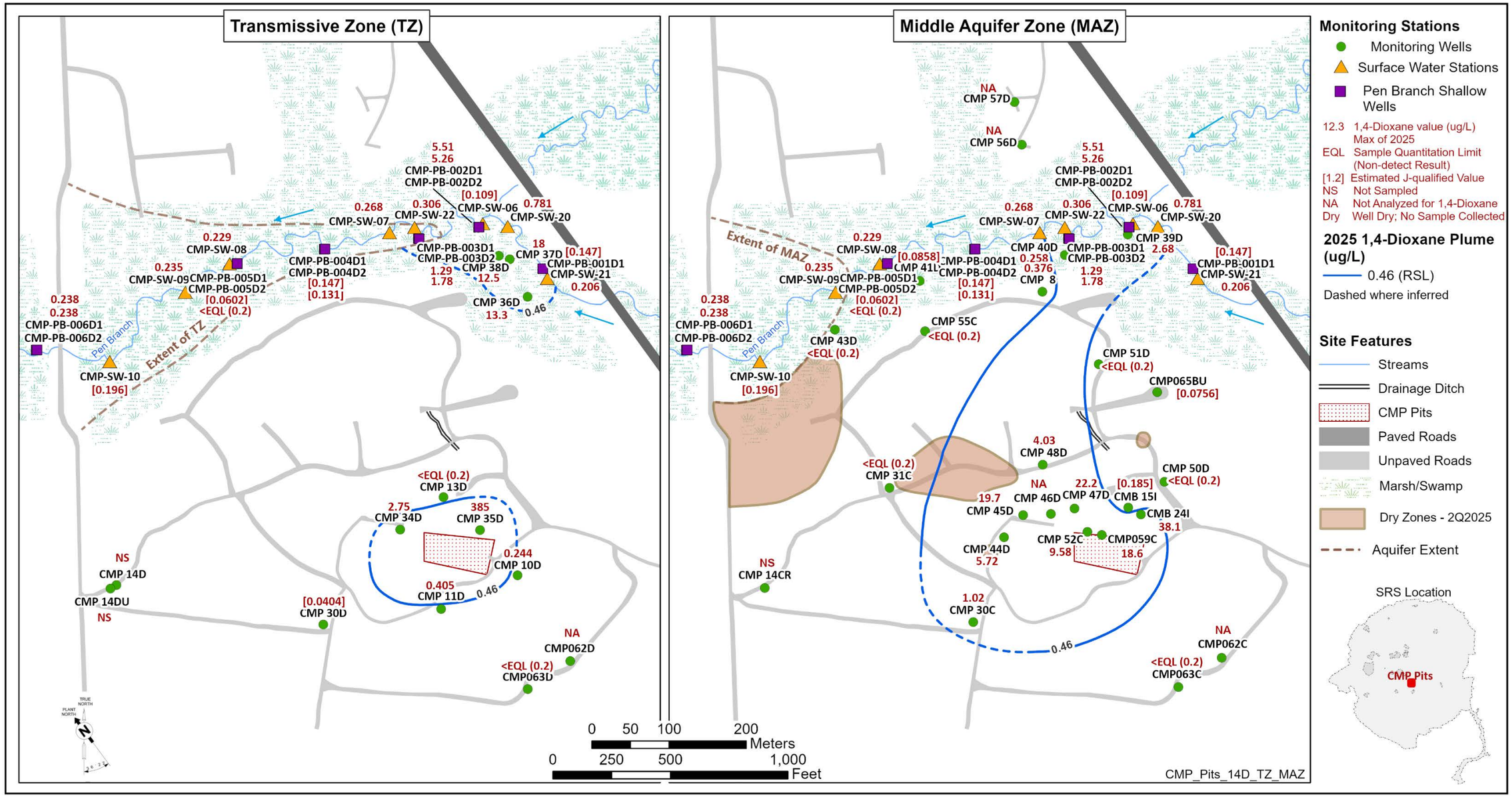



**Figure 19. 2025 1,4-Dioxane Plume and Groundwater Results for the TZ and MAZ**

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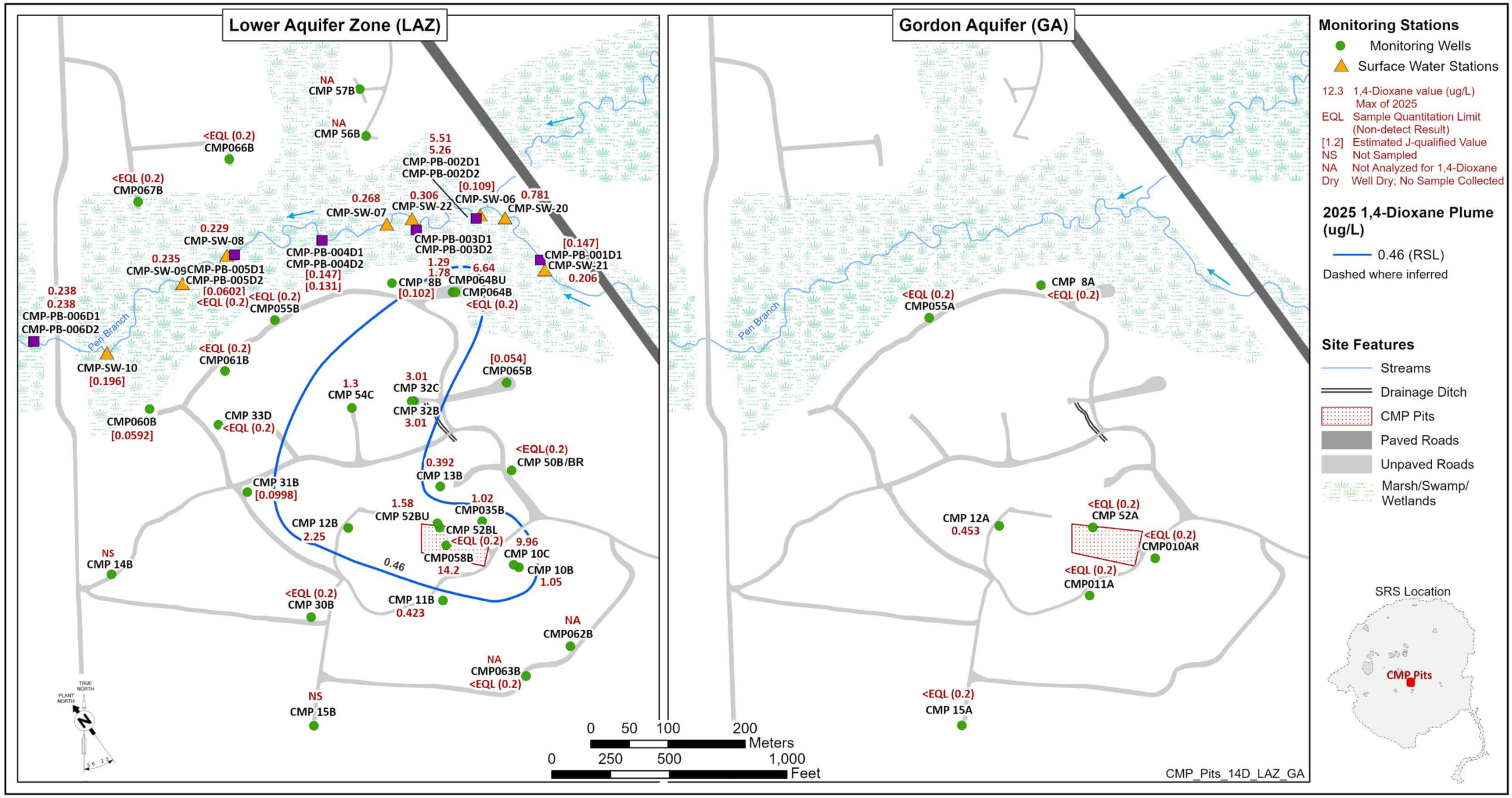



**Figure 20. 2025 1,4-Dioxane Plume and Groundwater Results for the LAZ and GA**

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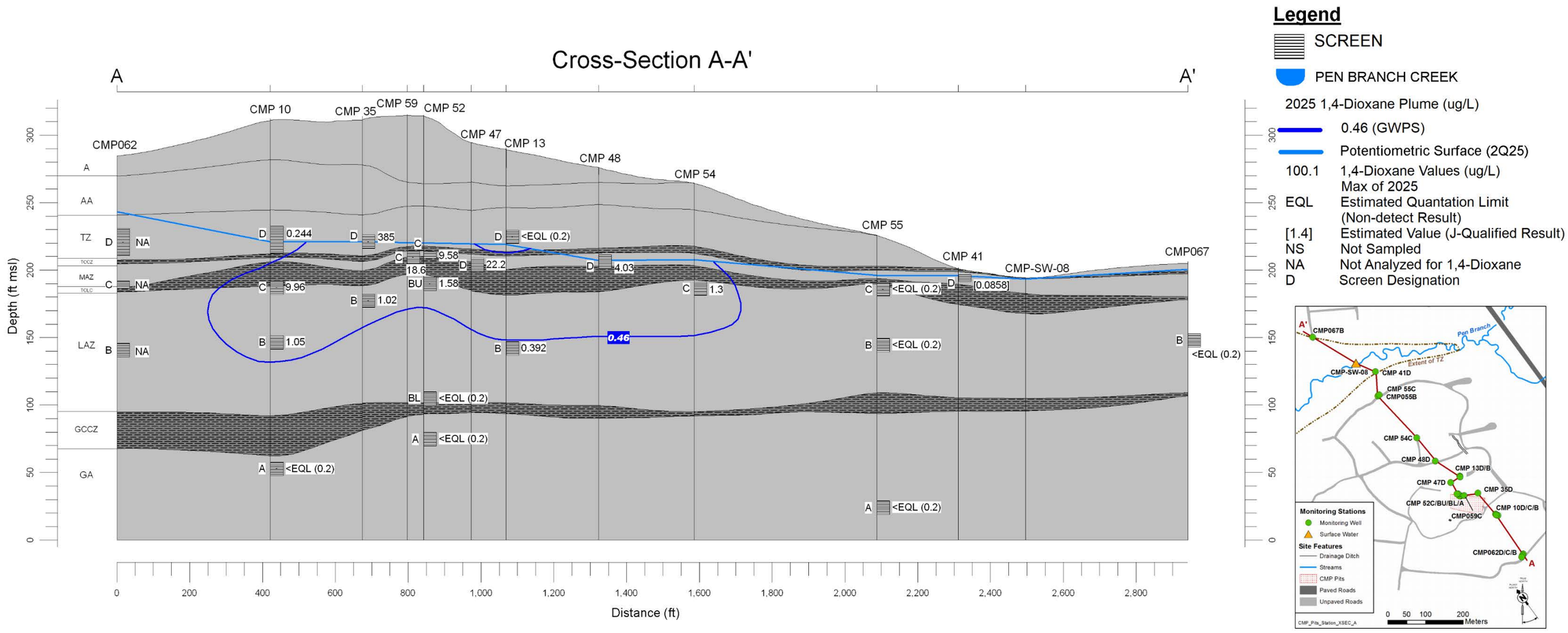



**Figure 21. Cross Section A - A' at the CMP Pits OU Area with 2025 1,4-Dioxane Plume and Results**

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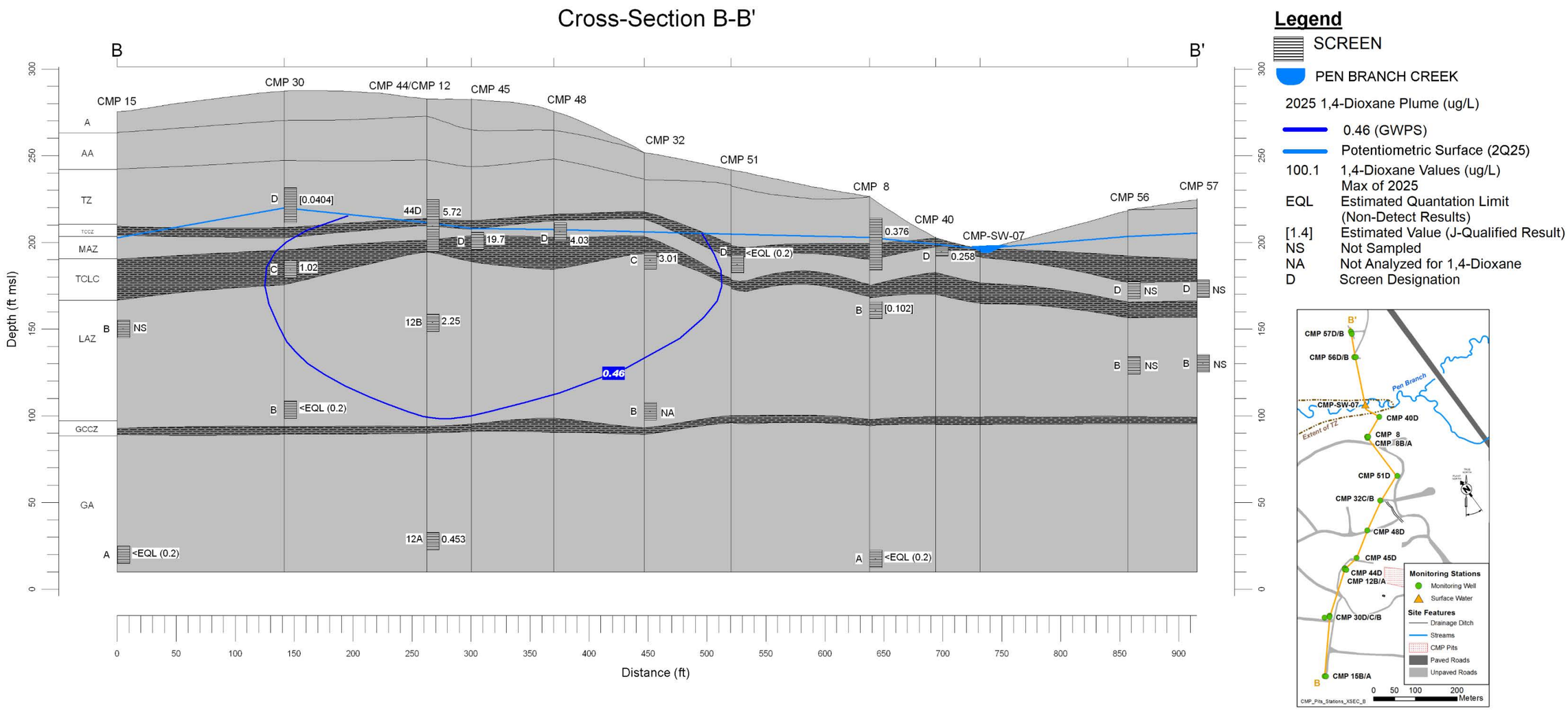



**Figure 22. Cross Section B - B' at the CMP Pits OU Area with 2025 1,4-Dioxane Plume and Results**

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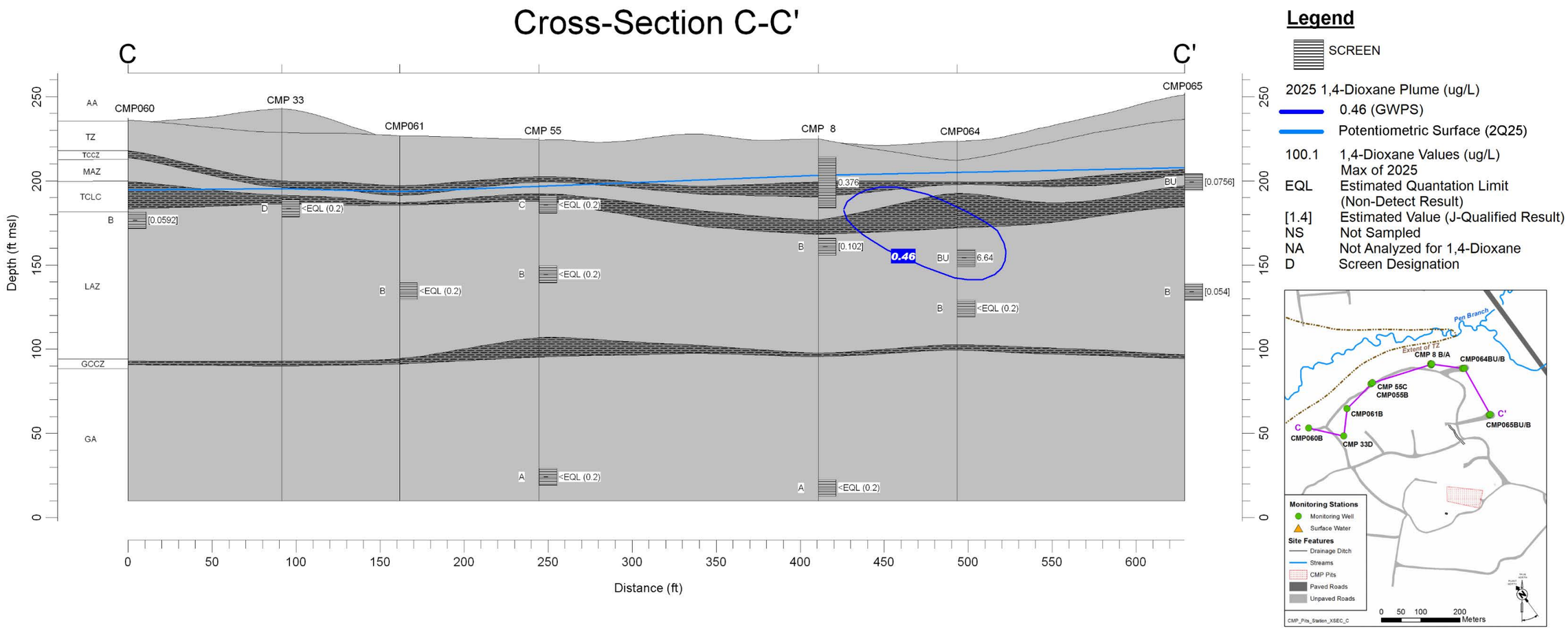



**Figure 23. Cross Section C - C' at the CMP Pits OU Area with 2025 1,4-Dioxane Plume and Results**

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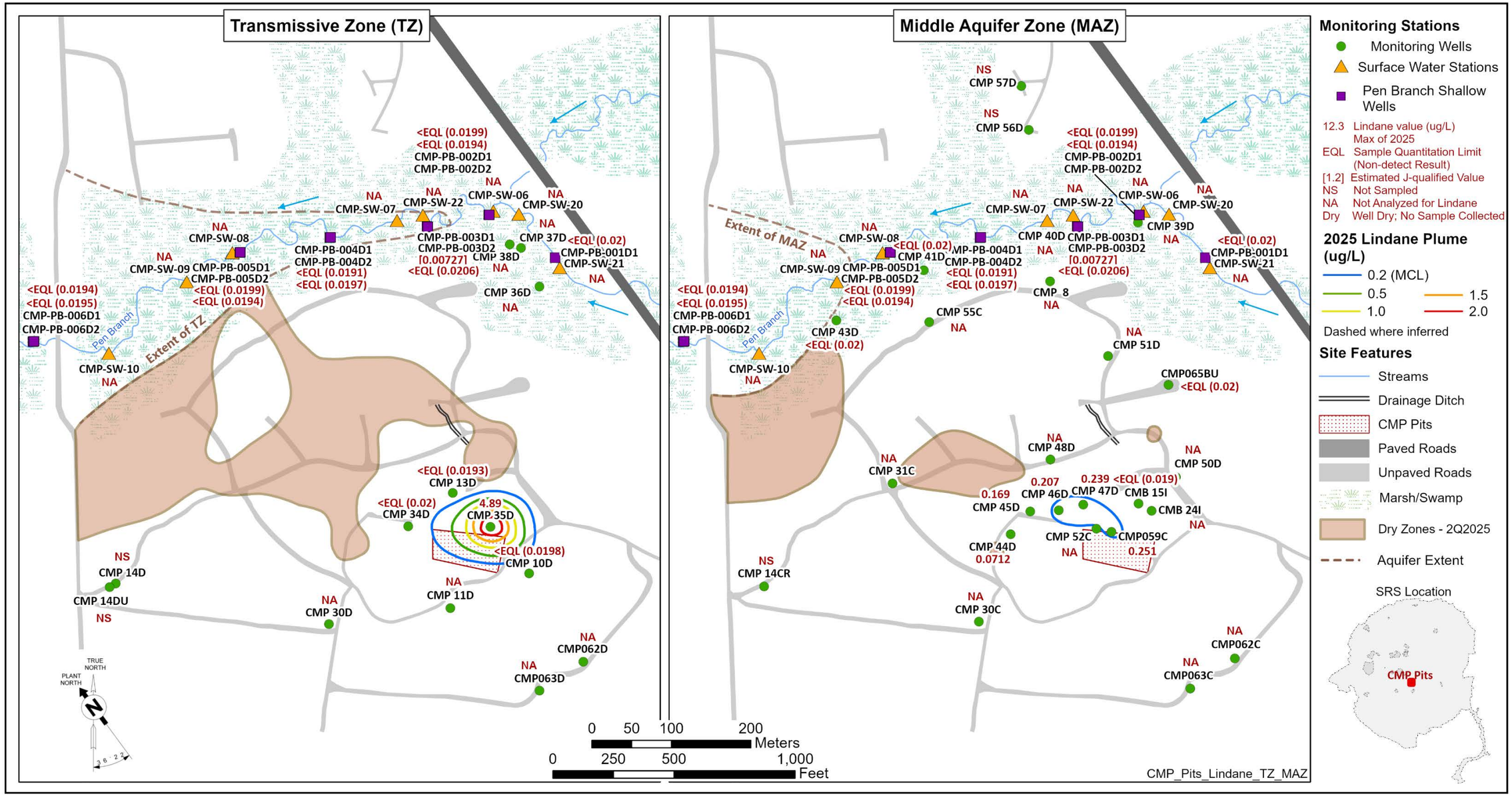



**Figure 24. 2025 Lindane Plume and Groundwater Results for the TZ and MAZ**

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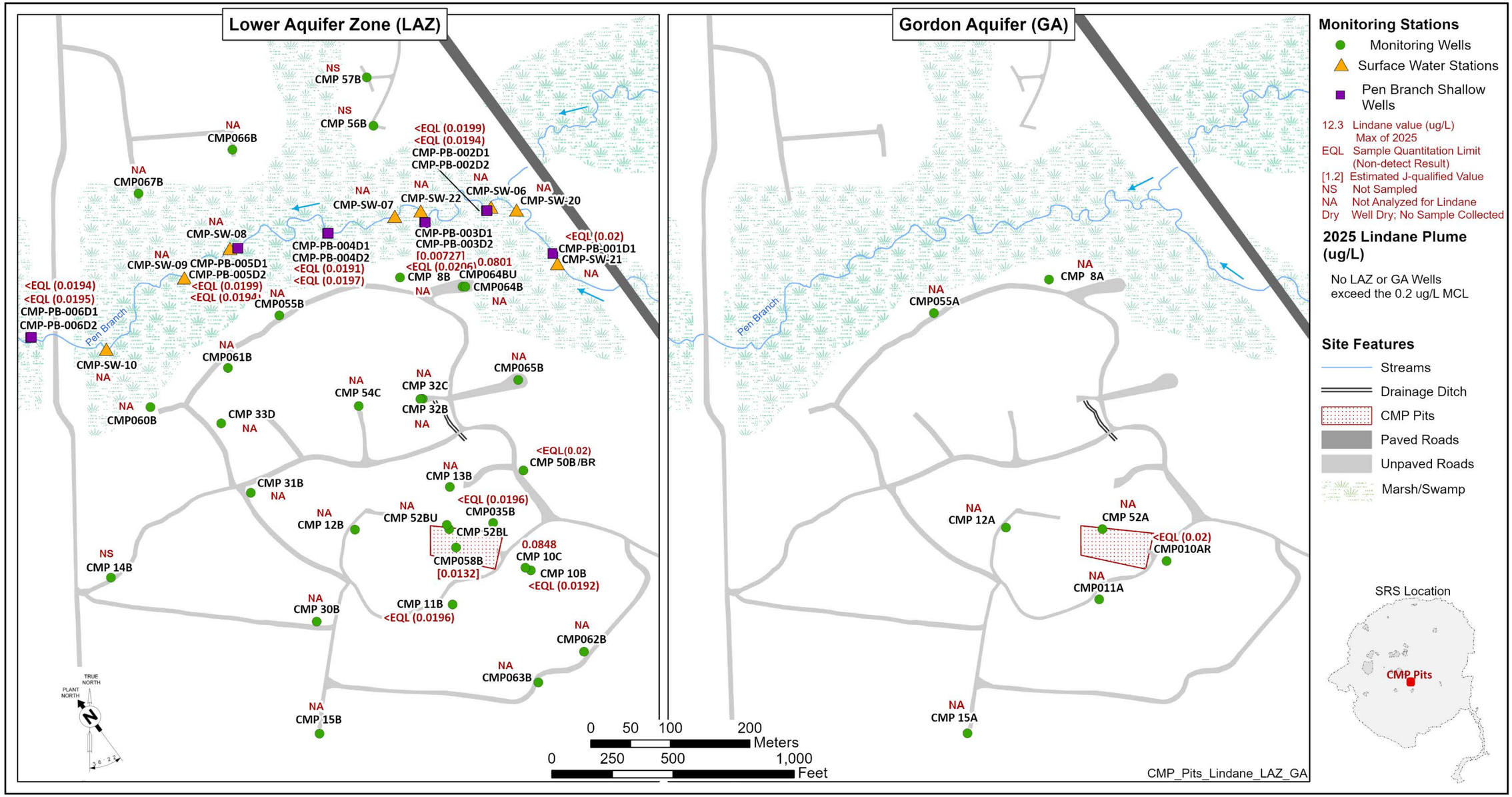



**Figure 25. 2025 Lindane Plume and Groundwater Results for the LAZ and GA**

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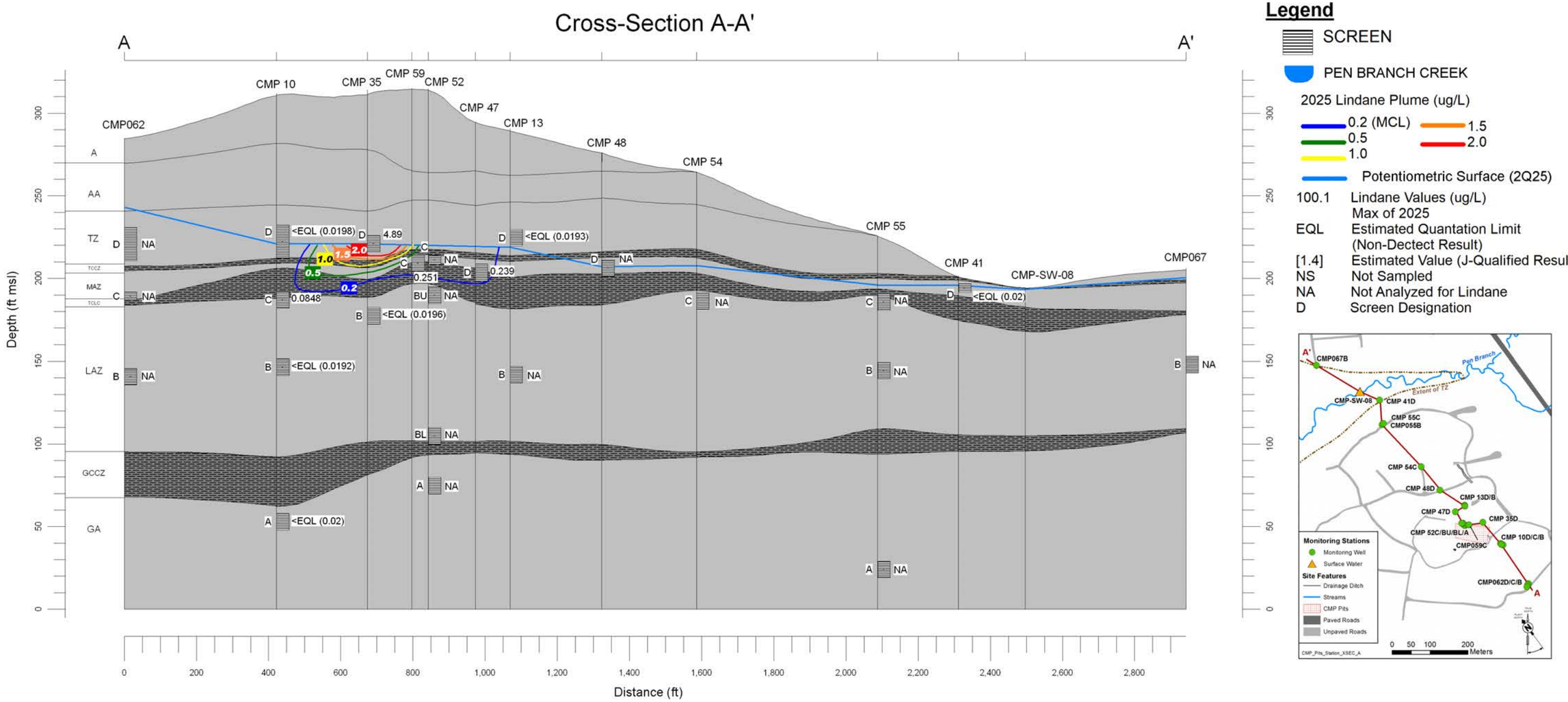



**Figure 26. Cross Section A - A' at the CMP Pits OU Area with 2025 Lindane Plume and Results**

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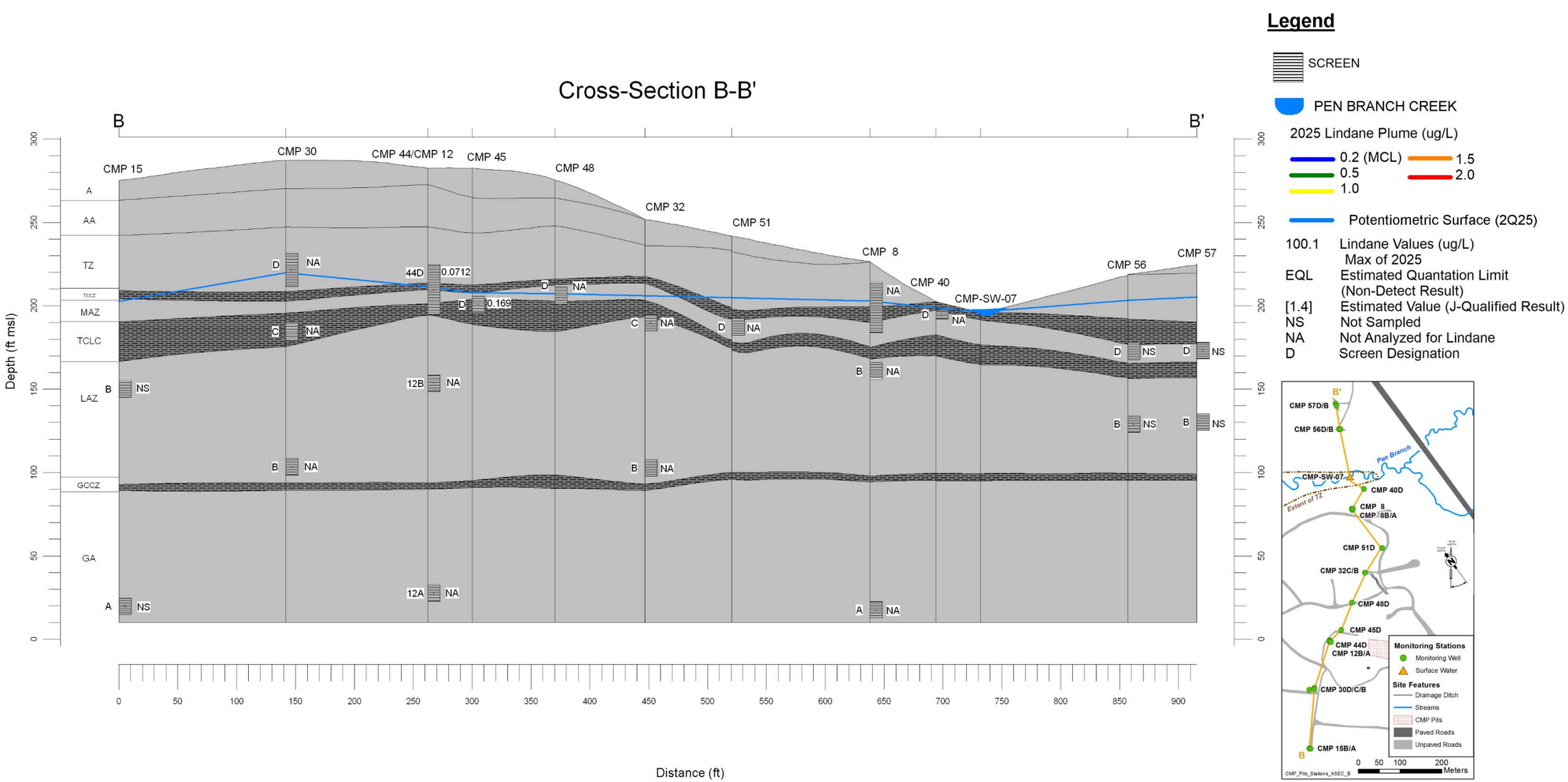



**Figure 27. Cross Section B - B' at the CMP Pits OU Area with 2025 Lindane Plume and Results**

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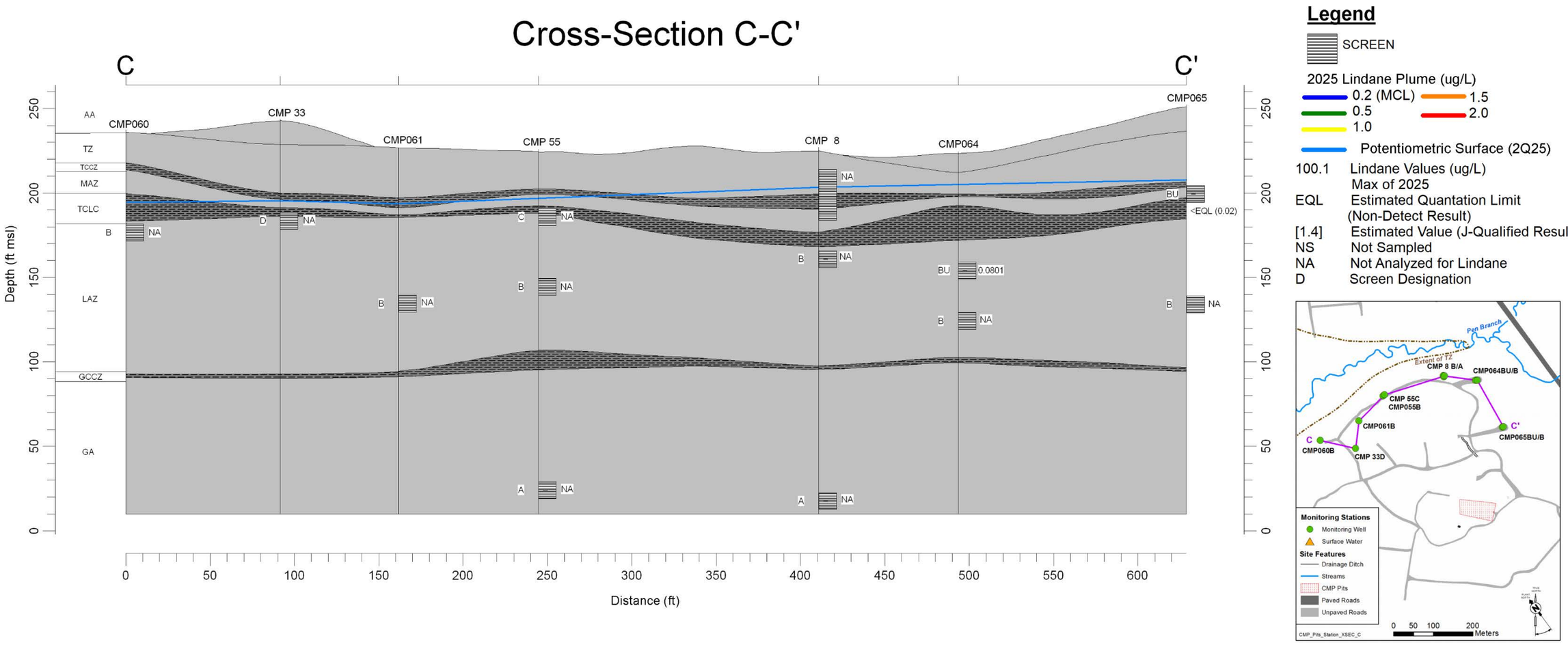



**Figure 28. Cross Section C - C' at the CMP Pits OU Area with 2025 Lindane Plume and Results**

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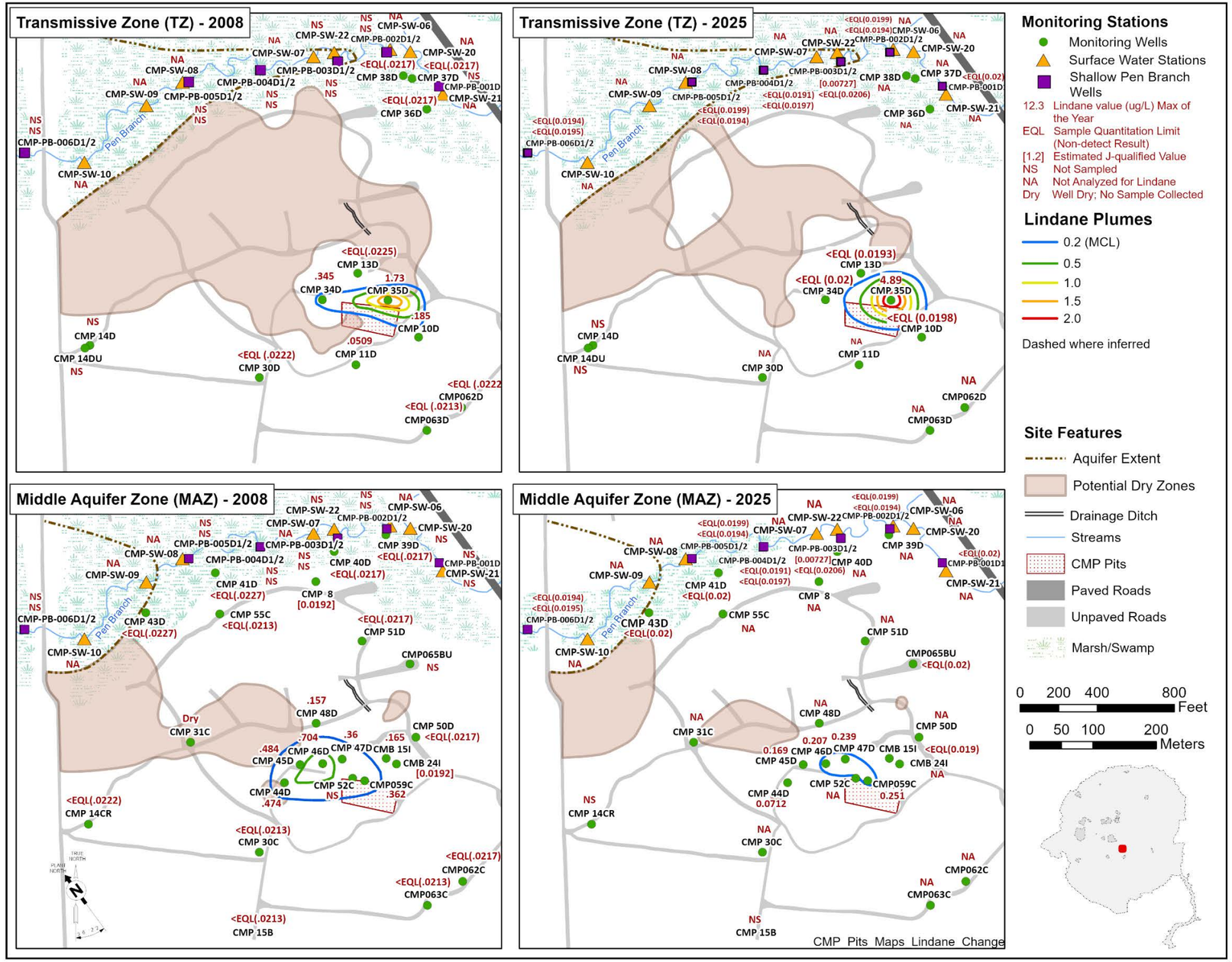



**Figure 29. Lindane Plume Comparison from 2008 and 2025 in the TZ and MAZ**

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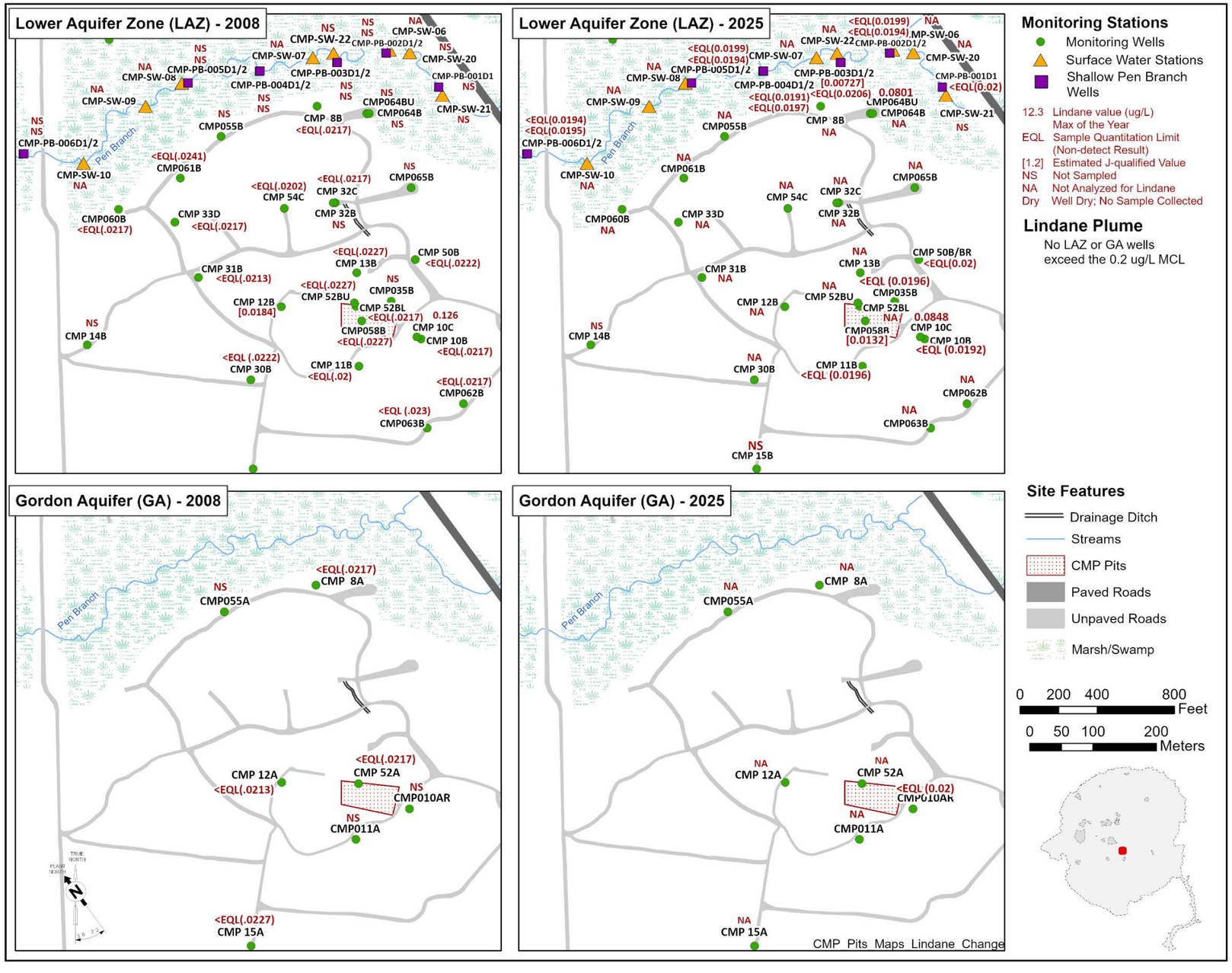
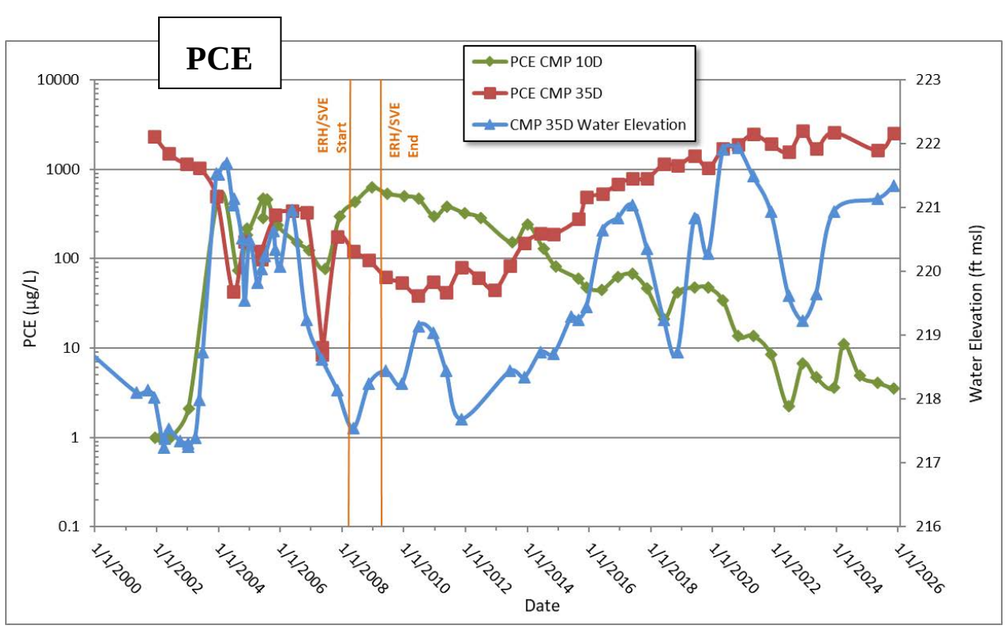
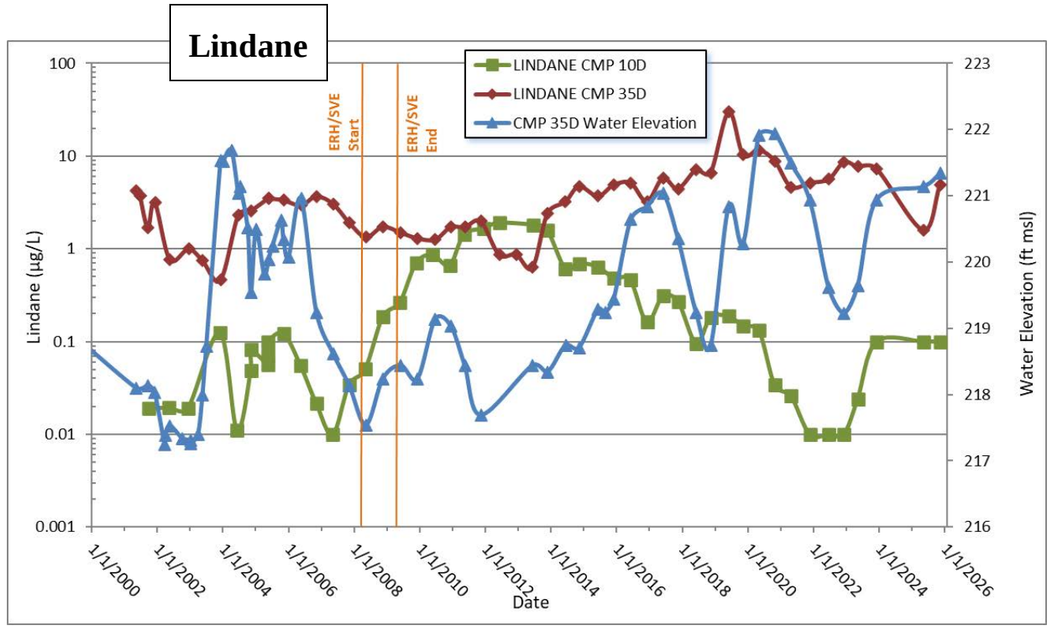



**Figure 30. Lindane Plume Comparison from 2008 and 2025 in the LAZ and GA**

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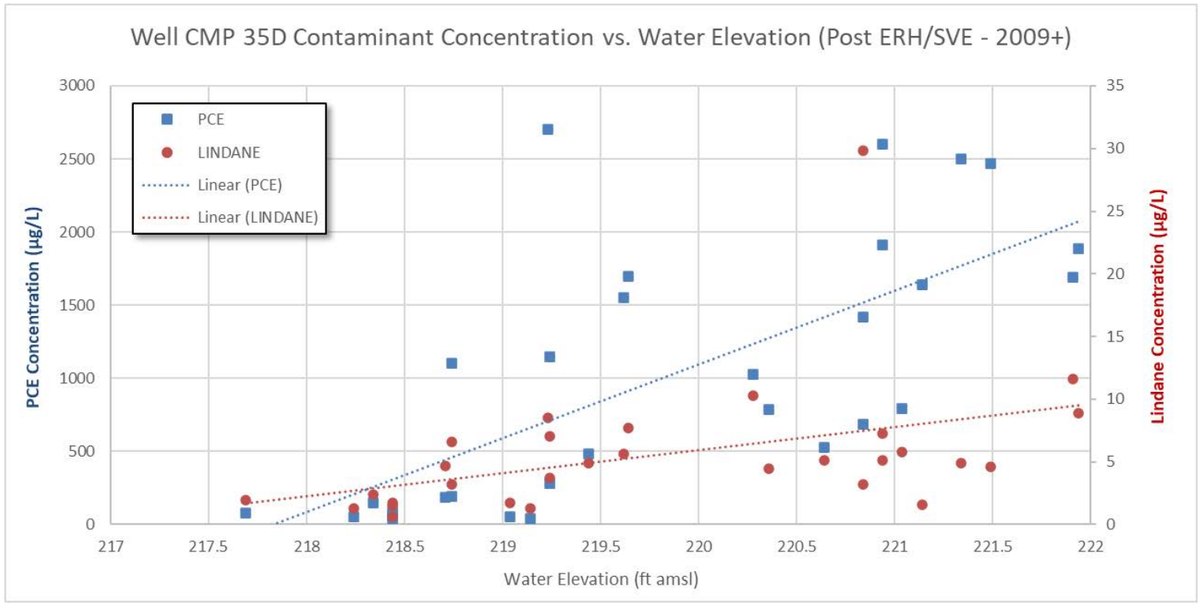
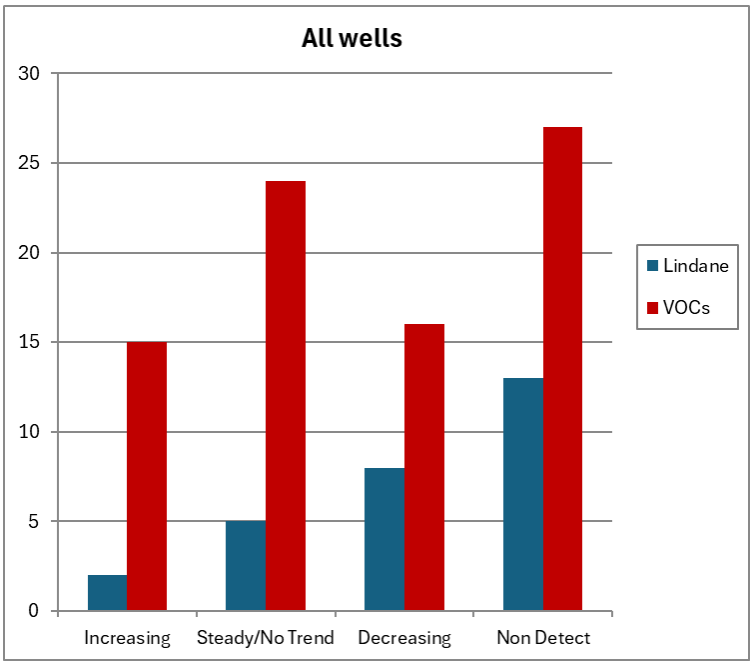
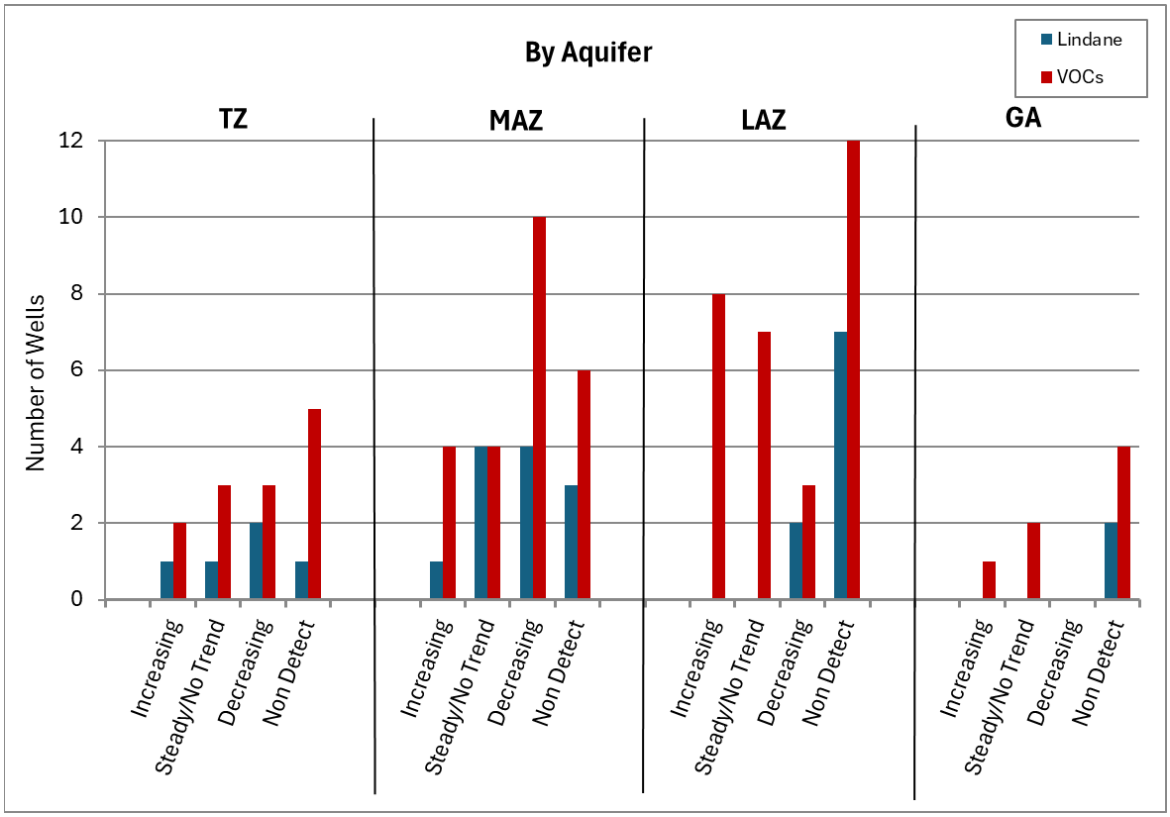




**Figure 31. Comparison of PCE and Lindane Trends in CMP 10D and CMP 35D**

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**Identification of the wells trend type can be found on the "Trends" tab in the Excel file (CMP_EMR_2025_Table3_Figure32) located on the CD supplied with this report and in the electronic submission.**

## Figure 32. Contaminant Concentration Well Trends and Well Trends by Aquifer

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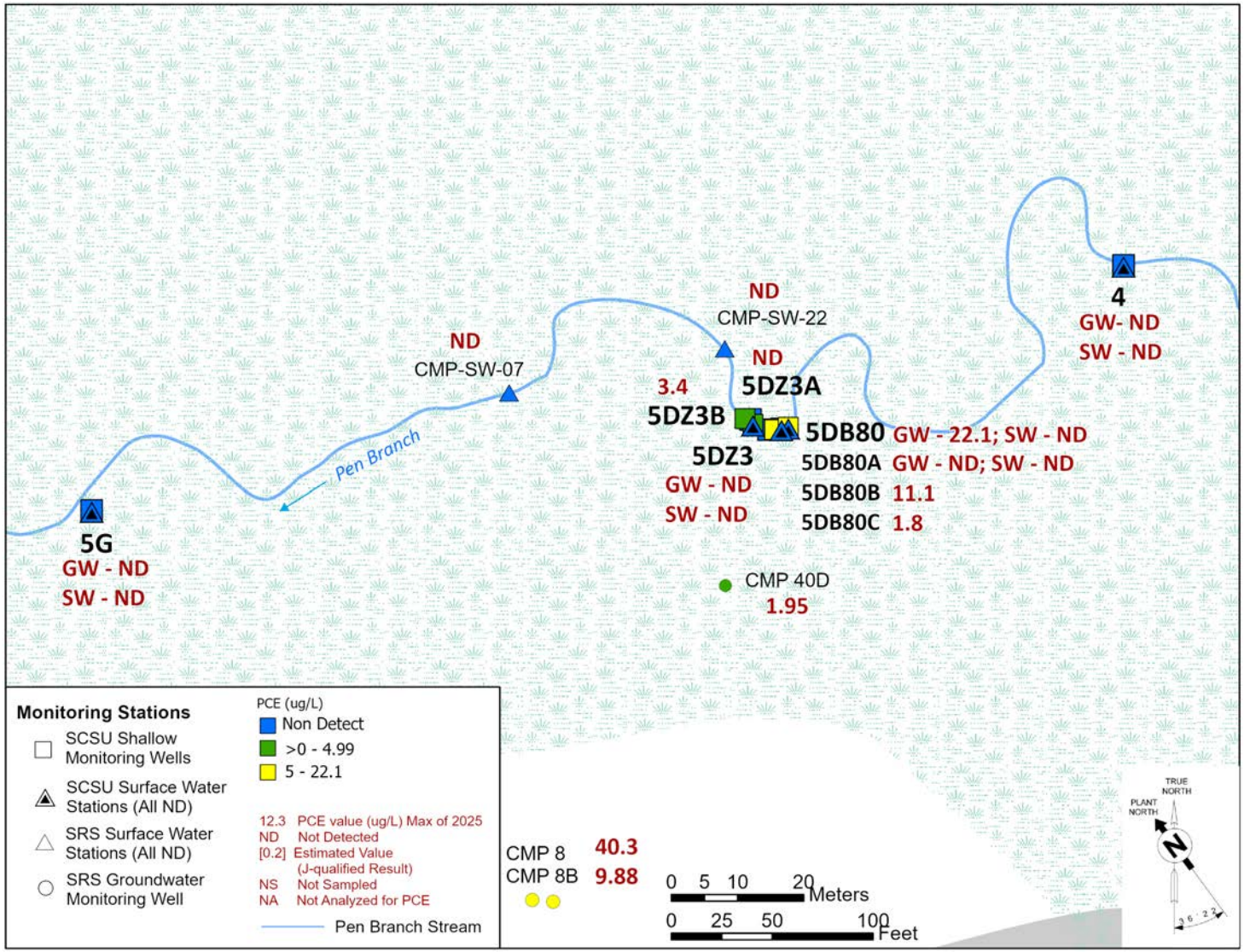



**Figure 33. SCSU 2025 PCE Groundwater and Surface Water Results**

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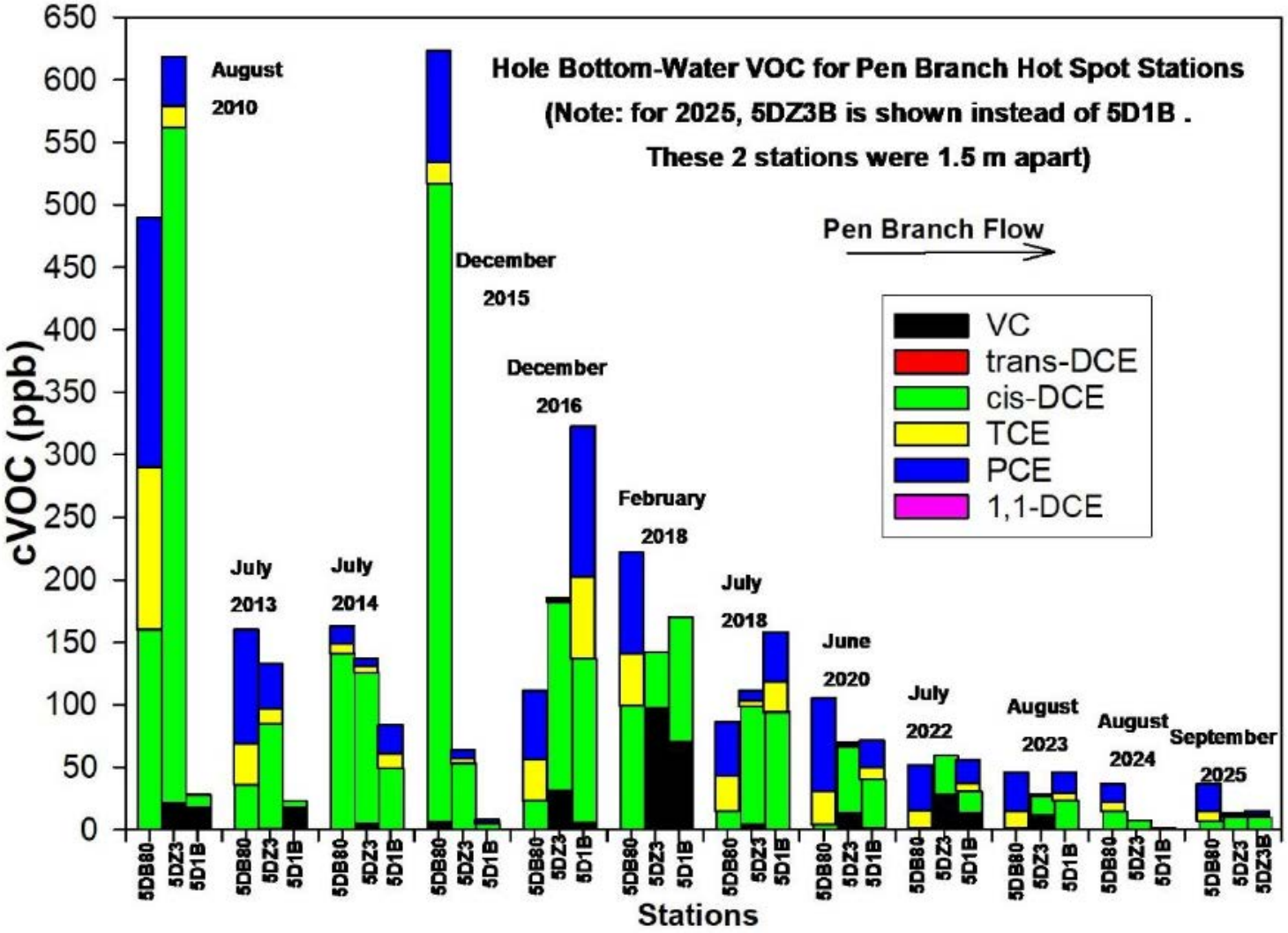



**Figure 34. SCSU Long Term VOC Trends**

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| Date | N | Station | *Dehalococcoides* | *Polaromonas* | *Dehalogenimonas* |
|---|---|---|---|---|---|
| | | | cells/ml | cells/ml | cells/ml |
| 4-2-2024 | 3 | 5DZ3 | $(5.02\pm4.46) \times 10^4$ | $(1.26\pm0.56) \times 10^6$ | $(4.26\pm3.94) \times 10^4$ |
| 4-2-2024 | 3 | 5DZ3 | $(2.06\pm0.35) \times 10^4$ | $(6.79\pm2.17) \times 10^5$ | $(6.45\pm1.71) \times 10^4$ |
| 4-2-2024 | 3 | 5BD80 | $(3.34\pm0.96) \times 10^4$ | $(1.72\pm0.29) \times 10^6$ | $(5.25\pm1.77) \times 10^4$ |
| 4-2-2024 | 3 | 5BD80 | $(2.14\pm1.32) \times 10^4$ | $(9.74\pm6.15) \times 10^5$ | $(1.22\pm0.57) \times 10^5$ |
| 4-2-2024 | 3 | 5DB80 | $(2.52\pm0.41) \times 10^4$ | $(5.58\pm6.65) \times 10^5$ | $(1.46\pm0.84) \times 10^4$ |
| 4-2-2024 | 3 | 5DB80 | $(1.27\pm0.37) \times 10^4$ | $(1.16\pm0.24) \times 10^5$ | $(1.76\pm0.44) \times 10^4$ |
| 7-9-2024 | 3 | 5DZ3 | $(2.09\pm1.65) \times 10^4$ | $(2.25\pm1.41) \times 10^5$ | $(1.79\pm1.11) \times 10^4$ |
| 7-9-2024 | 3 | 5DZ3 | $(1.97\pm0.56) \times 10^4$ | $(1.92\pm0.70) \times 10^5$ | $(1.93\pm0.63) \times 10^4$ |
| 7-9-2024 | 3 | 5DB80B | $(2.46\pm1.44) \times 10^4$ | $(2.62\pm1.86) \times 10^4$ | $(1.79\pm1.59) \times 10^3$ |
| 7-9-2024 | 3 | 5DB80B | $(4.10\pm8.86) \times 10^4$ | $(5.58\pm11.6) \times 10^4$ | $(1.79\pm1.59) \times 10^3$ |
| 7-9-2024 | 3 | 5DZ3A | $(8.24\pm4.45) \times 10^4$ | $(9.03\pm8.75) \times 10^4$ | $(1.88\pm0.47) \times 10^4$ |
| 7-9-2024 | 3 | 5DZ3A | $(1.45\pm0.64) \times 10^4$ | $(1.62\pm0.97) \times 10^4$ | $(7.60\pm4.39) \times 10^3$ |
| 9-5-2025 | 3 | 5DB80 | $(2.79\pm0.86) \times 10^5$ | $(7.44\pm3.91) \times 10^3$ | $(3.80\pm1.09) \times 10^5$ |

**Figure 35. SCSU Pen Branch Sediment Microbial Community Results from 2024 and 2025**

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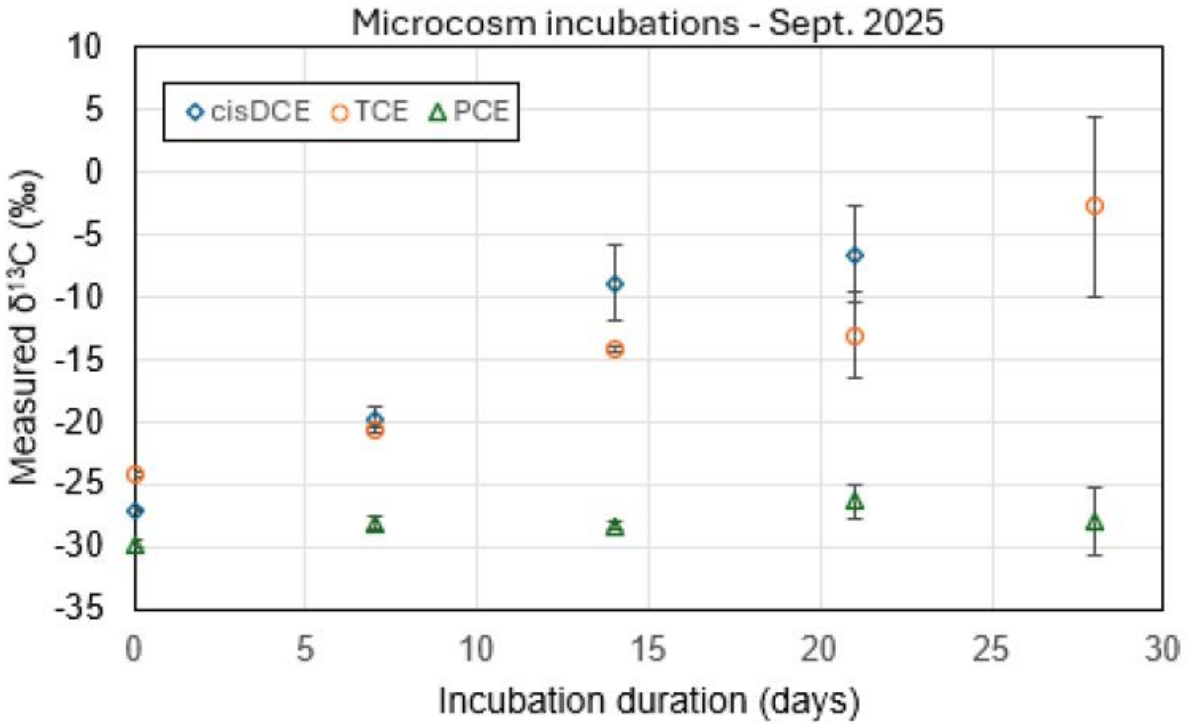



**Figure 36. SCSU Pen Branch Sediment Microcosm Incubations Results**

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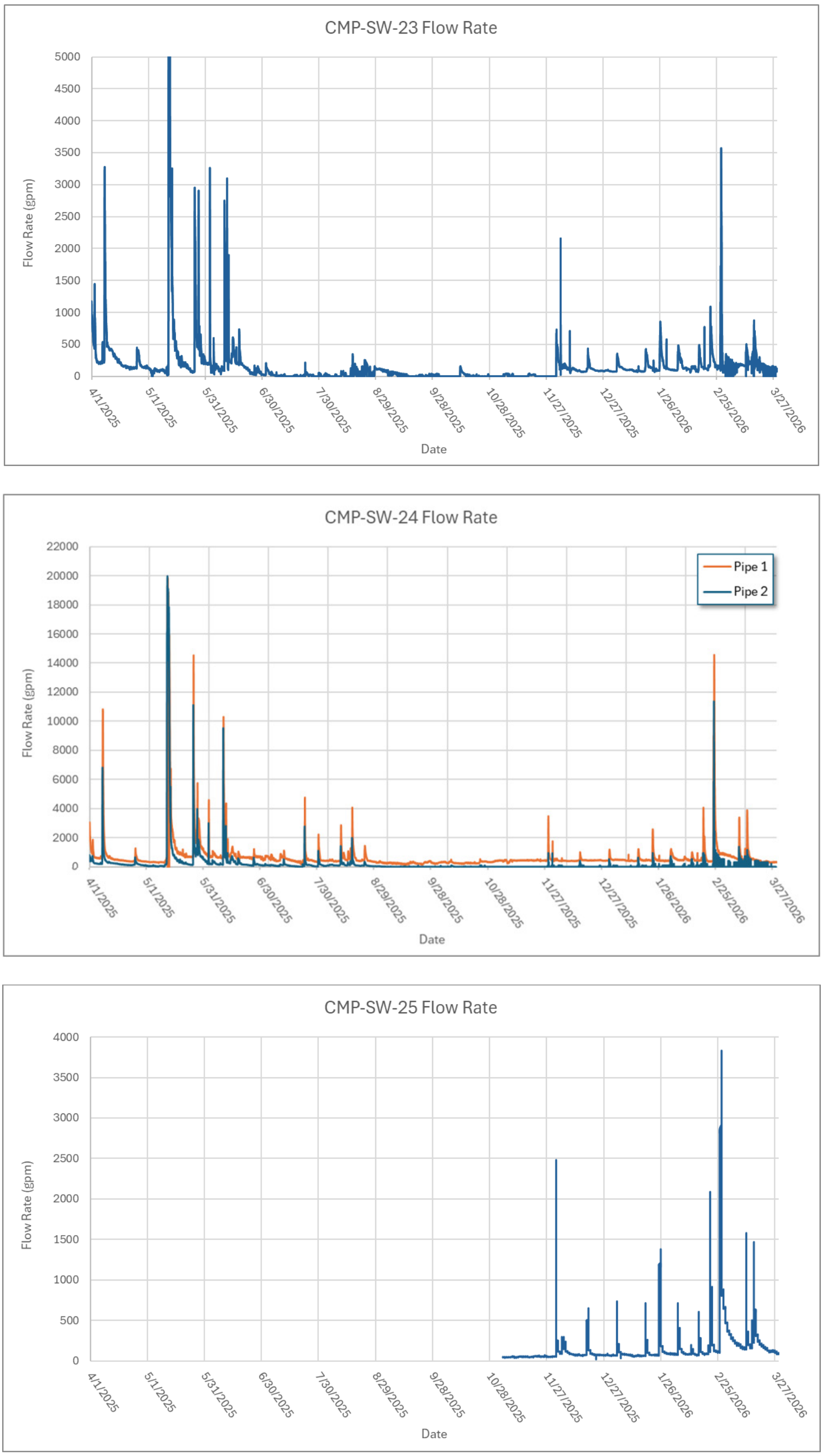



**Figure 37. Stream Flow Rate at CMP-SW-23, CMP-SW-24, and CMP-SW-25**

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## Table 1. CMP Pits OU MNA Monitoring Network

| Station | Aquifer Unit | Lab Analyses | | | | | | Screen Zone (ft amsl) | | Screen Length (ft) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | VOCs | | 1,4-Dioxane | | Lindane | | Bottom | Top | |
| CMB 15I | MAZ | 2Q | 4Q | | 4Q | 2Q | 4Q | 210.7 | 212.4 | 1.7 |
| CMB 24I | MAZ | 2Q | 4Q | | 4Q | | | 201 | 203 | 2 |
| CMP 8 | MAZ | 2Q | 4Q | | 4Q | | | 184 | 214 | 30 |
| CMP 8A | GA | 2Q | | 2Q | | | | 13.7 | 23.5 | 9.8 |
| CMP 8B | LAZ (Upper) | 2Q | 4Q | | 4Q | | | 156.6 | 166.6 | 10 |
| CMP010AR | GA | 2Q | 4Q | 2Q | 4Q | 2Q | 4Q | 45.07 | 55.06 | 10 |
| CMP 10B | LAZ (Mid) | 2Q | 4Q | | 4Q | 2Q | 4Q | 137.4 | 147.4 | 10 |
| CMP 10C | LAZ (Upper) | 2Q | 4Q | | 4Q | 2Q | 4Q | 179.6 | 189.6 | 10 |
| CMP 10D | TZ | 2Q | 4Q | | 4Q | 2Q | 4Q | 209.6 | 229.6 | 20 |
| CMP011A | GA | 2Q | | 2Q | | | | 46.2 | 56.2 | 10 |
| CMP 11B | LAZ (Mid) | 2Q | 4Q | | 4Q | 2Q | 4Q | 139.7 | 149.7 | 10 |
| CMP 11D | TZ | 2Q | 4Q | | 4Q | | | 209.47 | 229.87 | 20.4 |
| CMP 12A | GA | 2Q | 4Q | 2Q | 4Q | | | 22.1 | 32.1 | 10 |
| CMP 12B | LAZ (Mid) | 2Q | 4Q | | 4Q | | | 148 | 158 | 10 |
| CMP 13B | LAZ (Mid) | 2Q | 4Q | | 4Q | | | 134.2 | 144.2 | 10 |
| CMP 13D | TZ | 2Q | 4Q | | 4Q | 2Q | | 217.5 | 227.5 | 10 |
| CMP 14B | LAZ (Mid) | | | | | | | 130 | 140 | 10 |
| CMP 14CR | MAZ | | | | | | | 186.49 | 196.49 | 10 |
| CMP 14D | TZ | | | | | | | 204.1 | 224.5 | 20.4 |
| CMP 14DU | TZ | | | | | | | 202.57 | 212.57 | 10 |
| CMP 15A | GA | 2Q | | 2Q | | | | 14.2 | 24.2 | 10 |
| CMP 15B | LAZ | | | | | | | 145.1 | 155.1 | 10 |
| CMP 30B | LAZ (Lower) | 2Q | 4Q | | 4Q | | | 97.4 | 107.5 | 10.1 |
| CMP 30C | MAZ | 2Q | 4Q | | 4Q | | | 179.5 | 189.5 | 10 |
| CMP 30D | TZ | 2Q | 4Q | | 4Q | | | 211.6 | 231.6 | 20 |
| CMP 31B | LAZ (Lower) | 2Q | 4Q | | 4Q | | | 110.03 | 120.03 | 10 |
| CMP 31C | MAZ | 2Q | 4Q | | 4Q | | | 197.9 | 207.9 | 10 |
| CMP 32C | LAZ (Upper) | 2Q | 4Q | | 4Q | | | 185.2 | 195.2 | 10 |
| CMP 32B | LAZ (Lower) | 2Q | | | | | | 97.7 | 107.7 | 10 |
| CMP 33D | LAZ (Upper) | 2Q | 4Q | | 4Q | | | 178.6 | 188.6 | 10 |
| CMP 34D | TZ | 2Q | 4Q | | | 2Q | 4Q | 215.6 | 225.6 | 10 |
| CMP 35D | TZ | 2Q | 4Q | | 4Q | 2Q | 4Q | 213.8 | 223.8 | 10 |
| CMP035B | LAZ (Upper) | 2Q | 4Q | | 4Q | 2Q | | 169.4 | 179.4 | 10 |
| CMP 36D | TZ | 2Q | 4Q | | 4Q | | | 199.2 | 204.2 | 5 |
| CMP 37D | TZ | 2Q | 4Q | | 4Q | | | 193.3 | 198.3 | 5 |
| CMP 38D | TZ | 2Q | 4Q | | 4Q | | | 196.7 | 201.7 | 5 |
| CMP 39D | MAZ | 2Q | 4Q | | 4Q | | | 190.9 | 195.9 | 5 |
| CMP 40D | MAZ | 2Q | 4Q | | 4Q | | | 192.13 | 197.13 | 5 |
| CMP 41D | MAZ | 2Q | 4Q | | 4Q | 2Q | | 191.7 | 196.7 | 5 |
| CMP 43D | MAZ | 2Q | 4Q | | 4Q | 2Q | | 187.8 | 192.8 | 5 |
| CMP 44D | MAZ | 2Q | 4Q | | 4Q | 2Q | 4Q | 204.06 | 214.06 | 10 |
| CMP 45D | MAZ | 2Q | 4Q | | 4Q | 2Q | 4Q | 195.84 | 205.84 | 10 |

additional samples ; omitted samples

## Table 1. CMP Pits OU MNA Monitoring Network (*continued*)

| Station | Aquifer Unit | Lab Analyses | | | | | | Screen Zone (ft amsl) | | Screen Length (ft) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | VOCs | | 1,4-Dioxane | | Lindane | | Bottom | Top | |
| CMP 46D | MAZ | | | | | 2Q | 4Q | 198.44 | 208.44 | 10 |
| CMP 47D | MAZ | 2Q | 4Q | | 4Q | 2Q | 4Q | 196.37 | 206.37 | 10 |
| CMP 48D | MAZ | 2Q | 4Q | | 4Q | | 4Q – 3rd year* | 198.83 | 208.83 | 10 |
| CMP 50B / BR | LAZ (Upper) | 2Q | 4Q | | 4Q | | | 167.33 | 172.33 | 5 |
| CMP 50D | MAZ | 2Q | 4Q | | 4Q | | | 202.99 | 212.99 | 10 |
| CMP 51D | MAZ | 2Q | 4Q | | 4Q | | | 182.27 | 192.27 | 10 |
| CMP 52A | GA | 2Q | | 2Q | | | | 66.65 | 76.65 | 10 |
| CMP 52BL | LAZ (Lower) | 2Q | 4Q | | 4Q | | | 96.59 | 106.59 | 10 |
| CMP 52BU | LAZ (Upper) | 2Q | 4Q | | 4Q | | | 180.91 | 190.91 | 10 |
| CMP 52C | MAZ | 2Q | 4Q | | 4Q | | | 204.69 | 209.69 | 5 |
| CMP 54C | LAZ (Upper) | 2Q | 4Q | | 4Q | | | 178.34 | 188.34 | 10 |
| CMP055A | GA | 2Q | | 2Q | | | | 16.92 | 26.92 | 10 |
| CMP055B | LAZ (Mid) | 2Q | 4Q | | 4Q | | | 136.4 | 146.4 | 10 |
| CMP 55C | MAZ | 2Q | 4Q | | 4Q | | | 177.62 | 187.62 | 10 |
| CMP 56B | LAZ (Mid) | | | | | | | 124.6 | 134.6 | 10 |
| CMP 56D | MAZ | | | | | | | 167.55 | 177.55 | 10 |
| CMP 57B | LAZ (Mid) | | | | | | | 125.25 | 135.25 | 10 |
| CMP 57D | MAZ | | | | | | | 168.21 | 178.21 | 10 |
| CMP058B | LAZ (Upper) | 2Q | 4Q | | 4Q | 2Q | 4Q | 182.7 | 192.6 | 9.9 |
| CMP059C | MAZ | 2Q | 4Q | | 4Q | 2Q | 4Q | 200.8 | 210.7 | 9.9 |
| CMP060B | LAZ (Upper) | 2Q | 4Q | | 4Q | | | 171.6 | 181.6 | 10 |
| CMP061B | LAZ (Mid) | 2Q | 4Q | | 4Q | | | 129.5 | 139.5 | 10 |
| CMP062B | LAZ (Mid) | 2Q | | 2Q | | | | 136 | 146 | 10 |
| CMP062C | MAZ | 2Q | | 2Q | | | | 186.8 | 191.8 | 5 |
| CMP062D | TZ | 2Q | | 2Q | | | | 210.6 | 230.6 | 20 |
| CMP063B | LAZ (Mid) | | 4Q | | 4Q | | | 126.1 | 136.1 | 10 |
| CMP063C | MAZ | | 4Q | | 4Q | | | 184.4 | 189.4 | 5 |
| CMP063D | TZ | | 4Q | | 4Q | | | 195.7 | 215.7 | 20 |
| CMP064BU | LAZ (Upper) | 2Q | 4Q | | 4Q | 2Q | 4Q | 149.2 | 159.2 | 10 |
| CMP064B | LAZ (Lower) | 2Q | 4Q | | 4Q | | | 118.8 | 128.8 | 10 |
| CMP065BU | MAZ | 2Q | 4Q | | 4Q | 2Q | 4Q | 194.37 | 204.37 | 10 |
| CMP065B | LAZ (Mid) | 2Q | 4Q | | 4Q | | | 128.94 | 138.94 | 10 |
| CMP066B | LAZ (Mid) | 2Q | 4Q | 2Q | 4Q | | | 138.7 | 148.7 | 10 |
| CMP067B | LAZ (Mid) | 2Q | 4Q | | 4Q | | | 143.1 | 153.1 | 10 |
| CMP-PB-001D1 | Pen Branch | 2Q | 4Q | 2Q | 4Q | 2Q | 4Q | 193.815 | 194.945 | 1 |
| CMP-PB-002D1 | Pen Branch | 2Q | 4Q | 2Q | 4Q | 2Q | 4Q | 193.836 | 194.836 | 1 |
| CMP-PB-002D2 | Pen Branch | 2Q | 4Q | 2Q | 4Q | 2Q | 4Q | 192.075 | 193.205 | 1 |
| CMP-PB-003D1 | Pen Branch | 2Q | 4Q | 2Q | 4Q | 2Q | 4Q | 192.11 | 193.11 | 1 |
| CMP-PB-003D2 | Pen Branch | 2Q | 4Q | 2Q | 4Q | 2Q | 4Q | 190.559 | 191.619 | 1 |
| CMP-PB-004D1 | Pen Branch | 2Q | 4Q | 2Q | 4Q | 2Q | 4Q | 191.597 | 192.597 | 1 |
| CMP-PB-004D2 | Pen Branch | 2Q | 4Q | 2Q | 4Q | 2Q | 4Q | 186.691 | 187.731 | 1 |

*Lindane is analyzed every third year (i.e., 2023, 2026, 2029, etc.); additional samples ; omitted samples

## Table 1. CMP Pits OU MNA Monitoring Network (*continued; end*)

| Station | Aquifer Unit | Lab Analyses | | | | | | Screen Zone (ft amsl) | | Screen Length (ft) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | VOCs | | 1,4-Dioxane | | Lindane | | Bottom | Top | |
| CMP-PB-005D1 | Pen Branch | 2Q | 4Q | 2Q | 4Q | 2Q | 4Q | 189.15 | 190.28 | 1 |
| CMP-PB-005D2 | Pen Branch | 2Q | 4Q | 2Q | 4Q | 2Q | 4Q | 187.309 | 188.439 | 1 |
| CMP-PB-006D1 | Pen Branch | 2Q | 4Q | 2Q | 4Q | 2Q | 4Q | 186.694 | 187.694 | 1 |
| CMP-PB-006D2 | Pen Branch | 2Q | 4Q | 2Q | 4Q | 2Q | 4Q | 185.652 | 186.652 | 1 |
| CMPSW-06 | SW | 2Q | 4Q | | 4Q | | | | | |
| CMPSW-07 | SW | 2Q | 4Q | | 4Q | | | | | |
| CMPSW-08 | SW | 2Q | 4Q | | 4Q | | | | | |
| CMPSW-09 | SW | 2Q | 4Q | | 4Q | | | | | |
| CMPSW-10 | SW | 2Q | 4Q | | 4Q | | | | | |
| CMP-SW-20 | SW | 2Q | 4Q | | 4Q | | | | | |
| CMP-SW-21 | SW | 2Q | 4Q | | 4Q | | | | | |
| CMP-SW-22 | SW | 2Q | 4Q | | 4Q | | | | | |

additional samples ; omitted samples

**Table 2. CMP Pits OU Horizontal Groundwater Flow Velocities (2Q2025)**

| GW Flow Line | dh | dl | Conductivity | Porosity | Velocity (ft/day) | Velocity (ft/year) |
|---|---|---|---|---|---|---|
| ***TZ*** | | | | | | |
| A - A' | 19.5 | 1338 | 8 | 0.3 | **0.39** | 141.95 |
| B - B' | 23 | 1328 | 8 | 0.3 | **0.46** | 168.69 |
| C - C' | 7 | 1391 | 8 | 0.3 | **0.13** | 49.02 |
| | | | | **TZ Avg.** | **0.33** | **119.89** |
| ***MAZ*** | | | | | | |
| A - A' | 14 | 1386 | 50 | 0.3 | **1.68** | 614.90 |
| B - B' | 17 | 1487 | 50 | 0.3 | **1.91** | 695.95 |
| | | | | **MAZ Avg.** | **1.79** | **655.42** |
| ***LAZ*** | | | | | | |
| A - A' | 4.2 | 2057 | 30 | 0.3 | **0.20** | 74.58 |
| B - B' | 3 | 333 | 30 | 0.3 | **0.90** | 329.05 |
| C - C' | 7.5 | 467 | 30 | 0.3 | **1.61** | 586.59 |
| D - D' | 6.2 | 1156 | 30 | 0.3 | **0.54** | 195.90 |
| | | | | **LAZ Avg.** | **0.81** | **296.53** |
| ***GA*** | | | | | | |
| A - A' | 2 | 1523 | 35 | 0.25 | **0.18** | **67.15** |
| B - B' | 1 | 915 | 35 | 0.25 | **0.15** | **55.89** |
| | | | | **GA Avg.** | **0.17** | **61.52** |

dh= difference in head; dl= difference in length

**Table 3. CMP Pits OU Annual MNA Results, April 2025 through March 2026**

***See insert on the next page***

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# Table 3. CMP Pits OU Annual MNA Results, April 2025 through March 2026

| | | | | | Field Data | | | | | | | | | | | | | | | | | | CMP MNA Analyte Suite | | | | | | | | | | | | | | | | | |

## Table 4. CMP Pits OU PCE Max Results from 2008 and 2025 (µg/L)

| Station ID | Aquifer | PCE | |
|---|---|---|---|
| | | 2008 Max (Pre ERH/SVE) | 2025 Max |
| CMP 10D | TZ | 620 | 4.09 |
| CMP 11D | TZ | 421 | 5.13 |
| CMP 13D | TZ | 1.71 | 50 |
| CMP 14DU | TZ | NS | NS |
| CMP 14D | TZ | NS | NS |
| CMP 30D | TZ | <EQL(1) | <EQL(1) |
| CMP 34D | TZ | 49.4 | 273 |
| CMP 35D | TZ | 122 | 2500 |
| CMP 36D | TZ | 56.9 | 19.7 |
| CMP 37D | TZ | 358 | 40.9 |
| CMP 38D | TZ | 48.2 | 41.1 |
| CMP062D | TZ | <EQL(1) | <EQL(1) |
| CMP063D | TZ | <EQL(1) | <EQL(1) |
| CMB 15I | MAZ | 437 | 79.4 |
| CMB 24I | MAZ | 20.8 | 442 |
| CMP 8 | MAZ | 299 | 40.3 |
| CMP 14CR | MAZ | <EQL(1) | NS |
| CMP 30C | MAZ | 3.78 | 1.47 |
| CMP 31C | MAZ | NS | [0.84] |
| CMP 39D | MAZ | 71.7 | 12.9 |
| CMP 40D | MAZ | 135 | 1.95 |
| CMP 41D | MAZ | 5.48 | 5.21 |
| CMP 43D | MAZ | <EQL(1) | <EQL(1) |
| CMP 44D | MAZ | 312 | 181 |
| CMP 45D | MAZ | 973 | 505 |
| CMP 46D | MAZ | [434] | NA |
| CMP 47D | MAZ | [845] | 767 |
| CMP 48D | MAZ | 601 | 261 |
| CMP 50D | MAZ | 8.62 | 1.73 |
| CMP 51D | MAZ | 13.4 | 2.88 |
| CMP 52C | MAZ | NS | 123 |
| CMP 55C | MAZ | <EQL(1) | 1.41 |
| CMP 56D | MAZ | NS | NS |
| CMP 57D | MAZ | NS | NS |
| CMP059C | MAZ | 78.5 | 420 |
| CMP062C | MAZ | <EQL(1) | <EQL(1) |
| CMP063C | MAZ | <EQL(1) | <EQL(1) |
| CMP065BU | MAZ | NS | 7.69 |
| CMP 8B | LAZ (Upper) | <EQL(1) | 9.88 |
| CMP 10B | LAZ (Mid) | <EQL(1) | 9.49 |
| CMP 10C | LAZ (Upper) | 466 | 51.9 |
| CMP 11B | LAZ (Mid) | <EQL(1) | <EQL(1) |

| Station ID | Aquifer | PCE | |
|---|---|---|---|
| | | 2008 Max (Pre ERH/SVE) | 2025 Max |
| CMP 12B | LAZ (Mid) | 46.3 | 77.3 |
| CMP 13B | LAZ (Mid) | 1.25 | 4.96 |
| CMP 14B | LAZ (Mid) | <EQL(1) | NS |
| CMP 15B | MAZ | <EQL(1) | NS |
| CMP 30B | LAZ (Lower) | <EQL(1) | <EQL(1) |
| CMP 31B | LAZ (Lower) | <EQL(1) | <EQL(1) |
| CMP 32C | LAZ (Upper) | 110 | 212 |
| CMP 33D | LAZ (Upper) | 16.4 | 1.28 |
| CMP035B | LAZ (Upper) | NS | 47.4 |
| CMP 50B | LAZ (Upper) | <EQL(1) | <EQL(1) |
| CMP 50BR | LAZ (Upper) | <EQL(1)* | <EQL(1) |
| CMP 52BU | LAZ (Upper) | 35.1 | 134 |
| CMP 52BL | LAZ (Lower) | <EQL(1) | <EQL(1) |
| CMP 54C | LAZ (Upper) | [196] | 151 |
| CMP055B | LAZ (Mid) | NS | <EQL(1) |
| CMP 56B | LAZ (Mid) | NS | NS |
| CMP 57B | LAZ (Mid) | NS | NS |
| CMP058B | LAZ (Upper) | 6.51 | 20 |
| CMP060B | LAZ (Upper) | <EQL(1) | <EQL(1) |
| CMP061B | LAZ (Mid) | <EQL(1) | <EQL(1) |
| CMP062B | LAZ (Mid) | <EQL(1) | <EQL(1) |
| CMP063B | LAZ (Mid) | <EQL(1) | <EQL(1) |
| CMP064BU | LAZ (Upper) | NS | 136 |
| CMP064B | LAZ (Lower) | NS | <EQL(1) |
| CMP065B | LAZ (Mid) | NS | [0.45] |
| CMP066B | LAZ (Mid) | NS | <EQL(1) |
| CMP067B | LAZ (Mid) | NS | <EQL(1) |
| CMP 8A | GA | <EQL(1) | <EQL(1) |
| CMP010AR | GA | NS | <EQL (1) |
| CMP011A | GA | NS | <EQL(1) |
| CMP 12A | GA | [0.679] | 1.49 |
| CMP 15A | GA | <EQL(1) | <EQL(1) |
| CMP 52A | GA | <EQL(1) | <EQL(1) |
| CMP055A | GA | NS | <EQL(1) |
| CMP-SW-06 | SW | <EQL(1) | <EQL(1) |
| CMP-SW-07 | SW | [0.63] | [0.41] |
| CMP-SW-08 | SW | <EQL(1) | <EQL(1) |
| CMP-SW-09 | SW | [0.297] | <EQL(1) |
| CMP-SW-10 | SW | 1.38 | <EQL(1) |
| CMP-SW-20 | SW | NS | [0.44] |
| CMP-SW-21 | SW | NS | <EQL(1) |
| CMP-SW-22 | SW | NS | [0.35] |

EQL=Sample Quantitation Limit (Non-detect Result); [##]=Estimated Value (J-qualified Result); NS = Not Sampled; NA= Not analyzed for VOCs; *Used value from original well; >MCL of 5 µg/L

## Table 5. CMP Pits OU Lindane Max Results from 2008 and 2025 (µg/L)

| Station ID | Aquifer | Lindane | |
|---|---|---|---|
| | | 2008 Max (Pre ERH/SVE) | 2025 Max |
| CMP 10D | TZ | 0.185 | <EQL (0.0203) |
| CMP 11D | TZ | 0.0509 | NA |
| CMP 13D | TZ | <EQL(0.0225) | <EQL (0.0193) |
| CMP 14DU | TZ | NS | NS |
| CMP 14D | TZ | NS | NS |
| CMP 30D | TZ | <EQL(0.0222) | NA |
| CMP 34D | TZ | 0.345 | <EQL (0.02) |
| CMP 35D | TZ | 1.73 | 4.89 |
| CMP 36D | TZ | <EQL(0.0217) | NA |
| CMP 37D | TZ | <EQL(0.0217) | NA |
| CMP 38D | TZ | <EQL(0.0217) | NA |
| CMP062D | TZ | <EQL(0.0222) | NA |
| CMP063D | TZ | <EQL(0.0213) | NA |
| CMB 15I | MAZ | 0.165 | <EQL (0.019) |
| CMB 24I | MAZ | [0.0192] | NA |
| CMP 8 | MAZ | [0.0192] | NA |
| CMP 14CR | MAZ | <EQL(0.0222) | NS |
| CMP 30C | MAZ | <EQL(0.0213) | NA |
| CMP 31C | MAZ | NS | NA |
| CMP 39D | MAZ | <EQL(0.0217) | NA |
| CMP 40D | MAZ | <EQL(0.0217) | NA |
| CMP 41D | MAZ | <EQL(0.0227) | <EQL (0.02) |
| CMP 43D | MAZ | <EQL(0.0227) | <EQL (0.02) |
| CMP 44D | MAZ | 0.474 | 0.0712 |
| CMP 45D | MAZ | 0.484 | 0.169 |
| CMP 46D | MAZ | 0.704 | 0.207 |
| CMP 47D | MAZ | 0.36 | 0.239 |
| CMP 48D | MAZ | 0.157 | NA |
| CMP 50D | MAZ | <EQL(0.0217) | NA |
| CMP 51D | MAZ | <EQL(0.0217) | NA |
| CMP 52C | MAZ | NS | NA |
| CMP 55C | MAZ | <EQL(0.0213) | NA |
| CMP 56D | MAZ | NS | NS |
| CMP 57D | MAZ | NS | NS |
| CMP059C | MAZ | 0.362 | 0.251 |
| CMP062C | MAZ | <EQL(0.0217) | NA |
| CMP063C | MAZ | <EQL(0.0213) | NA |
| CMP065BU | MAZ | NS | <EQL (0.02) |
| CMP 8B | LAZ (Upper) | <EQL(0.0217) | NA |
| CMP 10B | LAZ (Mid) | <EQL(0.0217) | <EQL (0.0192) |
| CMP 10C | LAZ (Upper) | 0.126 | 0.0848 |
| CMP 11B | LAZ (Mid) | <EQL(0.02) | <EQL (0.0196) |

| Station ID | Aquifer | Lindane | |
|---|---|---|---|
| | | 2008 Max (Pre ERH/SVE) | 2025 Max |
| CMP 12B | LAZ (Mid) | [0.0184] | NA |
| CMP 13B | LAZ (Mid) | <EQL(0.0227) | NA |
| CMP 14B | LAZ (Mid) | <EQL(0.0222) | NA |
| CMP 15B | MAZ | <EQL(0.0213) | NA |
| CMP 30B | LAZ (Lower) | <EQL(0.0213) | NA |
| CMP 31B | LAZ (Lower) | <EQL(0.0213) | NA |
| CMP 32C | LAZ (Upper) | <EQL(0.0217) | NA |
| CMP 33D | LAZ (Upper) | <EQL(0.0217) | NA |
| CMP035B | LAZ (Upper) | NS | NA |
| CMP 50B | LAZ (Upper) | <EQL(0.0222) | NA |
| CMP 50BR | LAZ (Upper) | <EQL(0.0222)* | NA |
| CMP 52BU | LAZ (Upper) | <EQL(0.0217) | NA |
| CMP 52BL | LAZ (Lower) | <EQL(0.0217) | NA |
| CMP 54C | LAZ (Upper) | <EQL(0.0202) | NA |
| CMP055B | LAZ (Mid) | NS | NA |
| CMP 56B | LAZ (Mid) | NS | NS |
| CMP 57B | LAZ (Mid) | NS | NS |
| CMP058B | LAZ (Upper) | <EQL(0.0227) | [0.0132] |
| CMP060B | LAZ (Upper) | <EQL(0.0217) | NA |
| CMP061B | LAZ (Mid) | <EQL(0.0241) | NA |
| CMP062B | LAZ (Mid) | <EQL(0.0217) | NA |
| CMP063B | LAZ (Mid) | <EQL(0.023) | NA |
| CMP064BU | LAZ (Upper) | NS | 0.0801 |
| CMP064B | LAZ (Lower) | NS | NA |
| CMP065B | LAZ (Mid) | NS | NA |
| CMP066B | LAZ (Mid) | NS | NA |
| CMP067B | LAZ (Mid) | NS | NA |
| CMP 8A | GA | <EQL(0.0217) | NA |
| CMP010AR | GA | NS | <EQL (0.02) |
| CMP011A | GA | NS | NA |
| CMP 12A | GA | <EQL(0.0213) | NA |
| CMP 15A | GA | <EQL(0.0227) | NA |
| CMP 52A | GA | <EQL(0.0217) | NA |
| CMP055A | GA | NS | NA |
| CMP-SW-06 | SW | NA | NA |
| CMP-SW-07 | SW | NA | NA |
| CMP-SW-08 | SW | NA | NA |
| CMP-SW-09 | SW | NA | NA |
| CMP-SW-10 | SW | NA | NA |
| CMP-SW-20 | SW | NS | NA |
| CMP-SW-21 | SW | NS | NA |
| CMP-SW-22 | SW | NS | NA |

EQL=Sample Quantitation Limit (Non-detect Result); [##]=Estimated Value (J-qualified Result); NS = Not Sampled; NA= Not Analyzed for lindane; *Used value from original well; >MCL of 0.2 µg/L

**Table 6. SCSU Groundwater and Surface Water Results from 2025**

| PEN BRANCH STATION ID | COLLECTION DATE | SAMPLE TYPE | SAMPLE LOCATION | PCE (µg/L) | TCE (µg/L) | 1,1-DCE (µg/L) | cis-1,2-DCE (µg/L) | trans1,2-DCE (µg/L) | VC (µg/L) |
|---|---|---|---|---|---|---|---|---|---|
| | | | MCL | 5 | 5 | 7 | 70 | 100 | 2 |
| SCSU-CMP-4 | 9/16/2025 | GW - Pump | 65 cm Below Stream Bottom | ND | ND | ND | 1.4 | ND | 2.9 |
| SCSU-CMP-4 | 9/16/2025 | GW - Pump | 65 cm Below Stream Bottom | ND | ND | ND | 1.3 | ND | 3 |
| SCSU-CMP-4 | 9/16/2025 | GW - Pump | 65 cm Below Stream Bottom | ND | ND | ND | 1.3 | ND | 2.7 |
| **SCSU-CMP-4** | **9/16/2025** | **AVERAGE** | **65 cm Below Stream Bottom** | **ND** | **ND** | **ND** | 1.3 | **ND** | 2.9 |
| SCSU-CMP-5DB80 | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | 21.1 | 8.4 | ND | 6.4 | ND | ND |
| SCSU-CMP-5DB80 | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | 22.1 | 8.3 | ND | 6.9 | ND | ND |
| SCSU-CMP-5DB80 | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | 20.8 | 8 | ND | 6.9 | ND | ND |
| **SCSU-CMP-5DB80** | **9/8/2025** | **AVERAGE** | **65 cm Below Stream Bottom** | 21.3 | 8.2 | **ND** | 6.7 | **ND** | **ND** |
| SCSU-CMP-5DB80A | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DB80A | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DB80A | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| **SCSU-CMP-5DB80A** | **9/8/2025** | **AVERAGE** | **65 cm Below Stream Bottom** | **ND** | **ND** | **ND** | **ND** | **ND** | **ND** |
| SCSU-CMP-5DB80B | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | 11.1 | 4.8 | ND | 2.4 | ND | ND |
| SCSU-CMP-5DB80B | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | 11 | 4.9 | ND | 2.5 | ND | ND |
| **SCSU-CMP-5DB80B** | **9/8/2025** | **AVERAGE** | **65 cm Below Stream Bottom** | 11.1 | 4.9 | **ND** | 2.5 | **ND** | **ND** |
| SCSU-CMP-5DB80C | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | ND | ND | ND | 1.6 | ND | ND |
| SCSU-CMP-5DB80C | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | ND | ND | ND | 1.5 | ND | ND |
| SCSU-CMP-5DB80C | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | ND | ND | ND | 1.4 | ND | ND |
| **SCSU-CMP-5DB80C** | **9/8/2025** | **AVERAGE** | **65 cm Below Stream Bottom** | **ND** | **ND** | **ND** | 1.5 | **ND** | **ND** |
| SCSU-CMP-5DZ3 | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | 1.7 | 1.4 | ND | 10.3 | ND | ND |
| SCSU-CMP-5DZ3 | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | 1.6 | 1.5 | ND | 10.4 | ND | ND |
| SCSU-CMP-5DZ3 | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | 1.8 | 1.3 | ND | 9.7 | ND | ND |
| **SCSU-CMP-5DZ3** | **9/8/2025** | **AVERAGE** | **65 cm Below Stream Bottom** | 1.7 | 1.4 | **ND** | 10.1 | **ND** | **ND** |
| SCSU-CMP-5DZ3A | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | ND | ND | ND | 2.6 | ND | ND |
| SCSU-CMP-5DZ3A | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | ND | ND | ND | 2.7 | ND | ND |
| SCSU-CMP-5DZ3A | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | ND | ND | ND | 2.3 | ND | ND |
| **SCSU-CMP-5DZ3A** | **9/8/2025** | **AVERAGE** | **65 cm Below Stream Bottom** | **ND** | **ND** | **ND** | 2.5 | **ND** | **ND** |
| SCSU-CMP-5DZ3B | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | 3 | 2 | ND | 9.8 | ND | ND |
| SCSU-CMP-5DZ3B | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | 3.4 | 2.1 | ND | 10 | ND | ND |
| SCSU-CMP-5DZ3B | 9/8/2025 | GW - Pump | 65 cm Below Stream Bottom | 2.9 | 2.3 | ND | 9.4 | ND | ND |
| **SCSU-CMP-5DZ3B** | **9/8/2025** | **AVERAGE** | **65 cm Below Stream Bottom** | 3.1 | 2.1 | **ND** | 9.7 | **ND** | **ND** |
| SCSU-CMP-5G | 9/16/2025 | GW - Pump | 65 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5G | 9/16/2025 | GW - Pump | 65 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| **SCSU-CMP-5G** | **9/16/2025** | **AVERAGE** | **65 cm Below Stream Bottom** | **ND** | **ND** | **ND** | **ND** | **ND** | **ND** |
| SCSU-CMP-4 | 9/16/2025 | SW | 15 cm Below Stream Surface | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DB80 | 9/16/2025 | SW | 15 cm Below Stream Surface | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DB80A | 9/16/2025 | SW | 15 cm Below Stream Surface | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3 | 9/16/2025 | SW | 15 cm Below Stream Surface | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5G | 9/16/2025 | SW | 15 cm Below Stream Surface | ND | ND | ND | ND | ND | ND |

ND = not detected; detection >MCL

**Table 7. SCSU Sediment Results from 2025**

| PEN BRANCH STATION ID | COLLECTION DATE | SAMPLE TYPE | SAMPLE LOCATION | PCE (ug/kg) | TCE (ug/kg) | 1,1-DCE (ug/kg) | cis-1,2-DCE (ug/kg) | trans1,2-DCE (ug/kg) | VC (ug/kg) |
|---|---|---|---|---|---|---|---|---|---|
| SCSU-CMP-4 | 9/16/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-4 | 9/16/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-4 | 9/16/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| **SCSU-CMP-4** | **9/16/2025** | **AVERAGE** | **60 cm Below Stream Bottom** | **ND** | **ND** | **ND** | **ND** | **ND** | **ND** |
| SCSU-CMP-5DB80 | 7/15/2025 | SED | 15 cm Below Stream Bottom | 14.1 | 8.3 | ND | 16.2 | ND | ND |
| SCSU-CMP-5DB80 | 7/15/2025 | SED | 15 cm Below Stream Bottom | 10.9 | ND | ND | 80.7 | ND | ND |
| SCSU-CMP-5DB80 | 7/15/2025 | SED | 15 cm Below Stream Bottom | 10.8 | ND | ND | 55.1 | ND | ND |
| **SCSU-CMP-5DB80** | **7/15/2025** | **AVERAGE** | **15 cm Below Stream Bottom** | **11.9** | **2.8** | **ND** | **50.7** | **ND** | **ND** |
| SCSU-CMP-5DB80 | 7/15/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | 20.1 | ND | ND |
| SCSU-CMP-5DB80 | 7/15/2025 | SED | 40 cm Below Stream Bottom | 12.7 | ND | ND | 44 | ND | ND |
| SCSU-CMP-5DB80 | 7/15/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | 30.4 | ND | ND |
| **SCSU-CMP-5DB80** | **7/15/2025** | **AVERAGE** | **40 cm Below Stream Bottom** | **4.2** | **ND** | **ND** | **31.5** | **ND** | **ND** |
| SCSU-CMP-5DB80 | 7/15/2025 | SED | 60 cm Below Stream Bottom | 30.5 | 8.8 | ND | 8.2 | ND | ND |
| SCSU-CMP-5DB80 | 7/15/2025 | SED | 60 cm Below Stream Bottom | 29 | 10.9 | ND | 21.1 | ND | ND |
| SCSU-CMP-5DB80 | 7/15/2025 | SED | 60 cm Below Stream Bottom | 22.1 | 8.8 | ND | 21.4 | ND | ND |
| **SCSU-CMP-5DB80** | **7/15/2025** | **AVERAGE** | **60 cm Below Stream Bottom** | **27.2** | **9.5** | **ND** | **16.9** | **ND** | **ND** |
| SCSU-CMP-5DB80 | 7/17/2025 | SED | 80 cm Below Stream Bottom | 25.9 | ND | ND | ND | ND | ND |
| SCSU-CMP-5DB80 | 7/17/2025 | SED | 80 cm Below Stream Bottom | 29.8 | 7.4 | ND | ND | ND | ND |
| SCSU-CMP-5DB80 | 7/17/2025 | SED | 80 cm Below Stream Bottom | 19.3 | 6 | ND | ND | ND | ND |
| **SCSU-CMP-5DB80** | **7/17/2025** | **AVERAGE** | **80 cm Below Stream Bottom** | **25** | **4.5** | **ND** | **ND** | **ND** | **ND** |
| SCSU-CMP-5DB80A | 7/15/2025 | SED | 15 cm Below Stream Bottom | 25.6 | 7.2 | ND | ND | ND | ND |
| SCSU-CMP-5DB80A | 7/15/2025 | SED | 15 cm Below Stream Bottom | 24.7 | ND | ND | ND | ND | ND |
| SCSU-CMP-5DB80A | 7/15/2025 | SED | 15 cm Below Stream Bottom | 36.1 | 7 | ND | ND | ND | ND |
| **SCSU-CMP-5DB80A** | **7/15/2025** | **AVERAGE** | **15 cm Below Stream Bottom** | **28.8** | **4.7** | **ND** | **ND** | **ND** | **ND** |
| SCSU-CMP-5DB80A | 7/15/2025 | SED | 40 cm Below Stream Bottom | 34.4 | 7.9 | ND | 6 | ND | ND |
| SCSU-CMP-5DB80A | 7/15/2025 | SED | 40 cm Below Stream Bottom | 24.1 | 7.4 | ND | 9.4 | ND | ND |
| SCSU-CMP-5DB80A | 7/15/2025 | SED | 40 cm Below Stream Bottom | 31 | 10.6 | ND | 9.1 | ND | ND |
| **SCSU-CMP-5DB80A** | **7/15/2025** | **AVERAGE** | **40 cm Below Stream Bottom** | **29.8** | **8.6** | **ND** | **8.2** | **ND** | **ND** |
| SCSU-CMP-5DB80A | 7/15/2025 | SED | 60 cm Below Stream Bottom | 82 | 14.3 | ND | ND | ND | ND |
| SCSU-CMP-5DB80A | 7/15/2025 | SED | 60 cm Below Stream Bottom | 147 | 18.5 | ND | ND | ND | ND |
| SCSU-CMP-5DB80A | 7/15/2025 | SED | 60 cm Below Stream Bottom | 116 | 13.9 | ND | ND | ND | ND |
| **SCSU-CMP-5DB80A** | **7/15/2025** | **AVERAGE** | **60 cm Below Stream Bottom** | **115** | **15.6** | **ND** | **ND** | **ND** | **ND** |
| SCSU-CMP-5DB80B | 7/2/2025 | SED | 15 cm Below Stream Bottom | 79.1 | 18 | ND | ND | ND | ND |
| SCSU-CMP-5DB80B | 7/2/2025 | SED | 15 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DB80B | 7/2/2025 | SED | 15 cm Below Stream Bottom | 12.7 | ND | ND | ND | ND | ND |
| **SCSU-CMP-5DB80B** | **7/2/2025** | **AVERAGE** | **15 cm Below Stream Bottom** | **30.6** | **6** | **ND** | **ND** | **ND** | **ND** |
| SCSU-CMP-5DB80B | 7/2/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DB80B | 7/2/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DB80B | 7/2/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| **SCSU-CMP-5DB80B** | **7/2/2025** | **AVERAGE** | **40 cm Below Stream Bottom** | **ND** | **ND** | **ND** | **ND** | **ND** | **ND** |
| SCSU-CMP-5DB80B | 7/2/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | 33.9 | ND | ND |
| SCSU-CMP-5DB80B | 7/2/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | 18.7 | ND | ND |
| SCSU-CMP-5DB80B | 7/2/2025 | SED | 60 cm Below Stream Bottom | 31.2 | ND | ND | 23 | ND | ND |
| **SCSU-CMP-5DB80B** | **7/2/2025** | **AVERAGE** | **60 cm Below Stream Bottom** | **10.4** | **ND** | **ND** | **25.2** | **ND** | **ND** |
| SCSU-CMP-5DB80C | 7/9/2025 | SED | 15 cm Below Stream Bottom | ND | ND | ND | 25.6 | ND | ND |
| SCSU-CMP-5DB80C | 7/9/2025 | SED | 15 cm Below Stream Bottom | ND | ND | ND | 18 | ND | ND |
| SCSU-CMP-5DB80C | 7/9/2025 | SED | 15 cm Below Stream Bottom | ND | ND | ND | 23.3 | ND | ND |
| **SCSU-CMP-5DB80C** | **7/9/2025** | **AVERAGE** | **15 cm Below Stream Bottom** | **ND** | **ND** | **ND** | **22.3** | **ND** | **ND** |
| SCSU-CMP-5DB80C | 7/9/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | 25.1 | ND | ND |
| SCSU-CMP-5DB80C | 7/9/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | 25.8 | ND | ND |
| SCSU-CMP-5DB80C | 7/9/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | 19.6 | ND | ND |
| **SCSU-CMP-5DB80C** | **7/9/2025** | **AVERAGE** | **40 cm Below Stream Bottom** | **ND** | **ND** | **ND** | **23.5** | **ND** | **ND** |
| SCSU-CMP-5DB80C | 7/9/2025 | SED | 60 cm Below Stream Bottom | 21.3 | ND | ND | 52.5 | ND | ND |
| SCSU-CMP-5DB80C | 7/9/2025 | SED | 60 cm Below Stream Bottom | 18.4 | ND | ND | 42.7 | ND | ND |
| SCSU-CMP-5DB80C | 7/9/2025 | SED | 60 cm Below Stream Bottom | 22.1 | ND | ND | 60.3 | ND | ND |
| **SCSU-CMP-5DB80C** | **7/9/2025** | **AVERAGE** | **60 cm Below Stream Bottom** | **20.6** | **ND** | **ND** | **51.8** | **ND** | **ND** |
| SCSU-CMP-5DZ3 | 7/17/2025 | SED | 15 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3 | 7/17/2025 | SED | 15 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3 | 7/17/2025 | SED | 15 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| **SCSU-CMP-5DZ3** | **7/17/2025** | **AVERAGE** | **15 cm Below Stream Bottom** | **ND** | **ND** | **ND** | **ND** | **ND** | **ND** |

ND = not detected; detection

**Table 7. SCSU Sediment Results from 2025 (*continued/end*)**

| PEN BRANCH STATION ID | COLLECTION DATE | SAMPLE TYPE | SAMPLE LOCATION | PCE (ug/kg) | TCE (ug/kg) | 1,1-DCE (ug/kg) | cis-1,2-DCE (ug/kg) | trans1,2-DCE (ug/kg) | VC (ug/kg) |
|---|---|---|---|---|---|---|---|---|---|
| SCSU-CMP-5DZ3 | 7/17/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3 | 7/17/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3 | 7/17/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| **SCSU-CMP-5DZ3** | **7/17/2025** | **AVERAGE** | **40 cm Below Stream Bottom** | **ND** | **ND** | **ND** | **ND** | **ND** | **ND** |
| SCSU-CMP-5DZ3 | 7/17/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3 | 7/17/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3 | 7/17/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| **SCSU-CMP-5DZ3** | **7/17/2025** | **AVERAGE** | **60 cm Below Stream Bottom** | **ND** | **ND** | **ND** | **ND** | **ND** | **ND** |
| SCSU-CMP-5DZ3A | 7/2/2025 | SED | 15 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3A | 7/2/2025 | SED | 15 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3A | 7/2/2025 | SED | 15 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| **SCSU-CMP-5DZ3A** | **7/2/2025** | **AVERAGE** | **15 cm Below Stream Bottom** | **ND** | **ND** | **ND** | **ND** | **ND** | **ND** |
| SCSU-CMP-5DZ3A | 7/2/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3A | 7/2/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3A | 7/2/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| **SCSU-CMP-5DZ3A** | **7/2/2025** | **AVERAGE** | **40 cm Below Stream Bottom** | **ND** | **ND** | **ND** | **ND** | **ND** | **ND** |
| SCSU-CMP-5DZ3A | 7/2/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | 54.1 | ND | ND |
| SCSU-CMP-5DZ3A | 7/2/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3A | 7/2/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| **SCSU-CMP-5DZ3A** | **7/2/2025** | **AVERAGE** | **60 cm Below Stream Bottom** | **ND** | **ND** | **ND** | **18** | **ND** | **ND** |
| SCSU-CMP-5DZ3B | 7/2/2025 | SED | 15 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3B | 7/2/2025 | SED | 15 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3B | 7/2/2025 | SED | 15 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| **SCSU-CMP-5DZ3B** | **7/2/2025** | **AVERAGE** | **15 cm Below Stream Bottom** | **ND** | **ND** | **ND** | **ND** | **ND** | **ND** |
| SCSU-CMP-5DZ3B | 7/9/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3B | 7/9/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3B | 7/9/2025 | SED | 40 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| **SCSU-CMP-5DZ3B** | **7/9/2025** | **AVERAGE** | **40 cm Below Stream Bottom** | **ND** | **ND** | **ND** | **ND** | **ND** | **ND** |
| SCSU-CMP-5DZ3B | 7/9/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3B | 7/9/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5DZ3B | 7/9/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| **SCSU-CMP-5DZ3B** | **7/9/2025** | **AVERAGE** | **60 cm Below Stream Bottom** | **ND** | **ND** | **ND** | **ND** | **ND** | **ND** |
| SCSU-CMP-5G | 9/16/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5G | 9/16/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| SCSU-CMP-5G | 9/16/2025 | SED | 60 cm Below Stream Bottom | ND | ND | ND | ND | ND | ND |
| **SCSU-CMP-5G** | **9/16/2025** | **AVERAGE** | **60 cm Below Stream Bottom** | **ND** | **ND** | **ND** | **ND** | **ND** | **ND** |

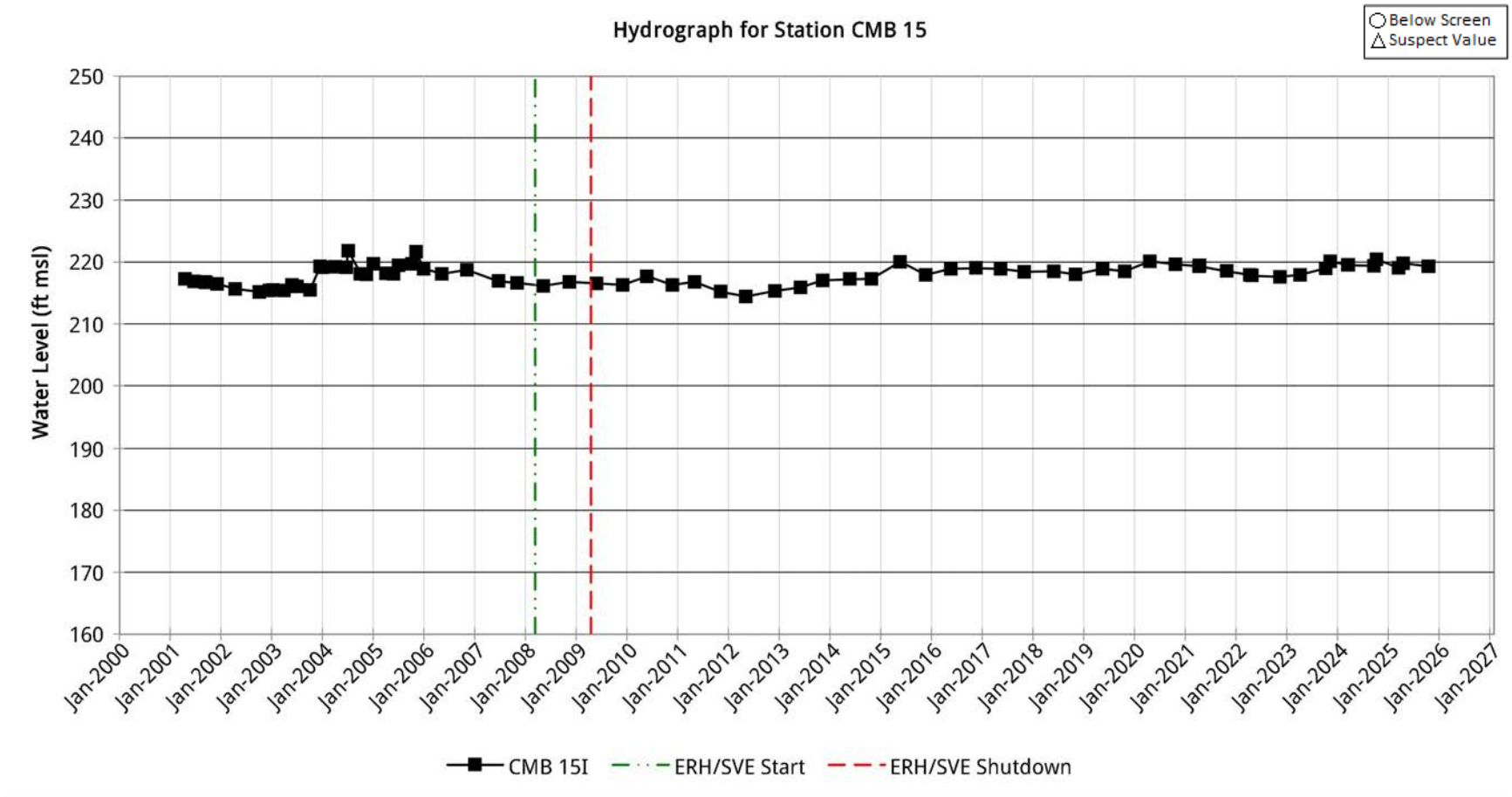
ND = not detected; detection

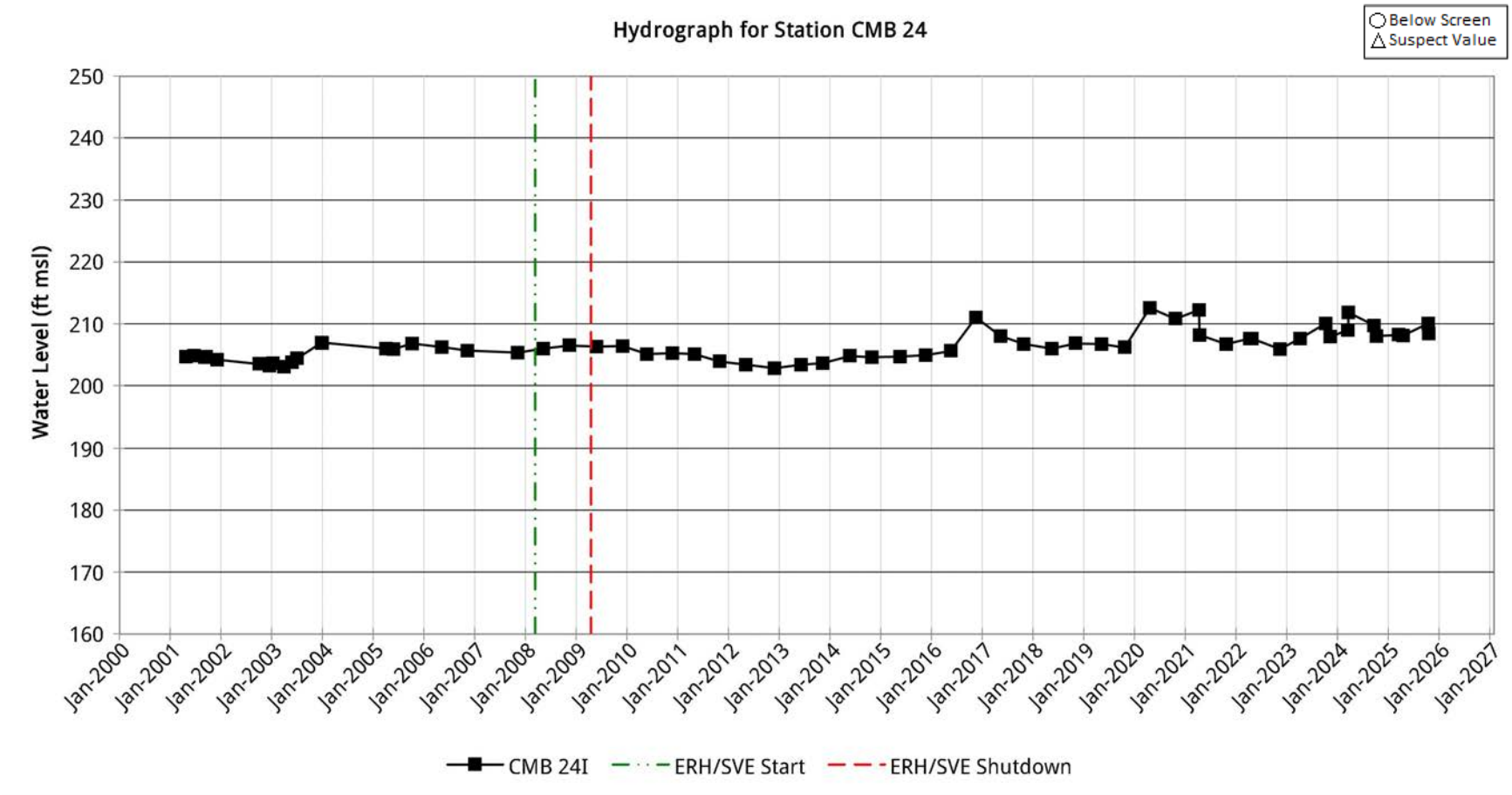
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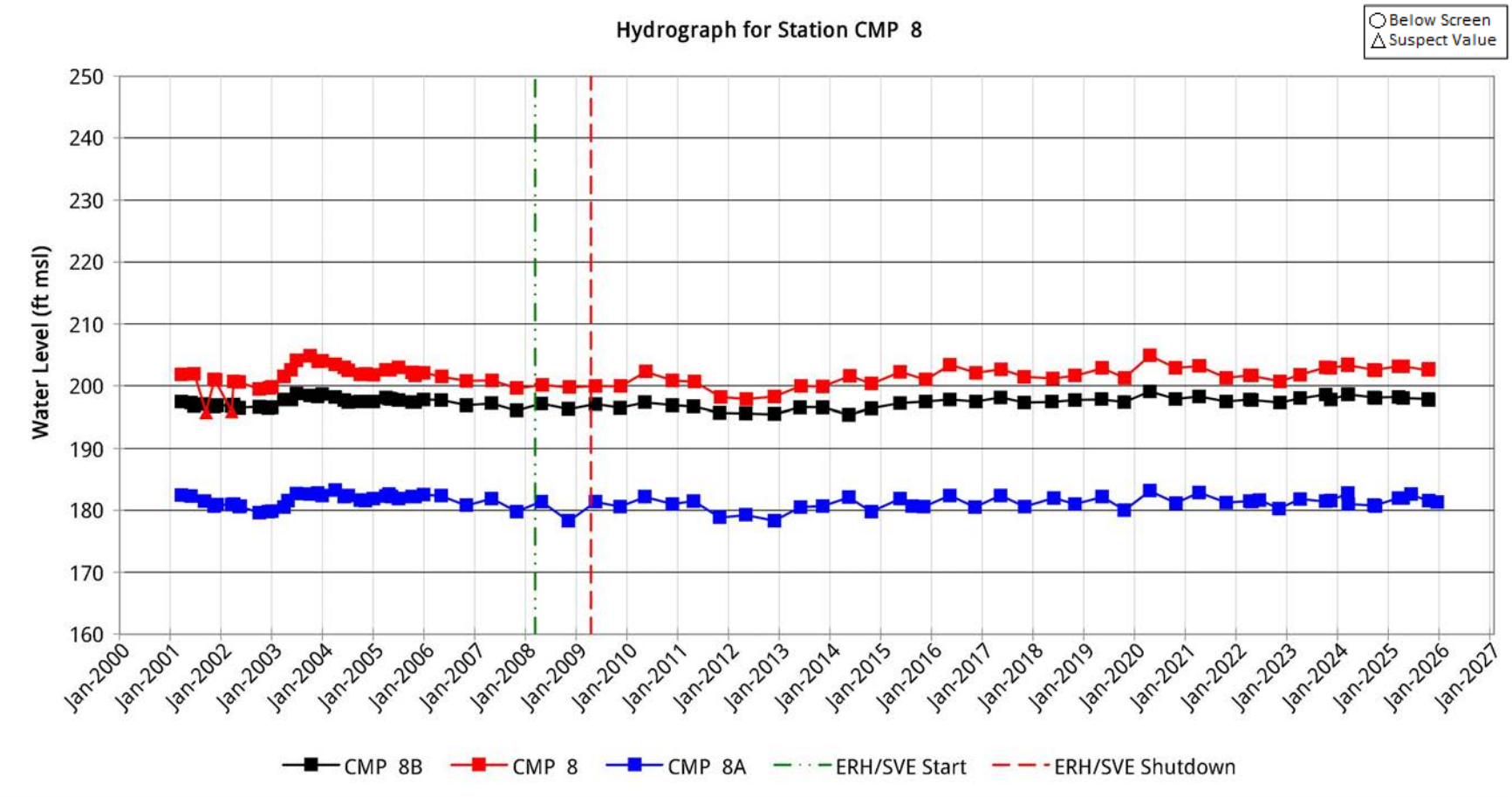
# Appendix A

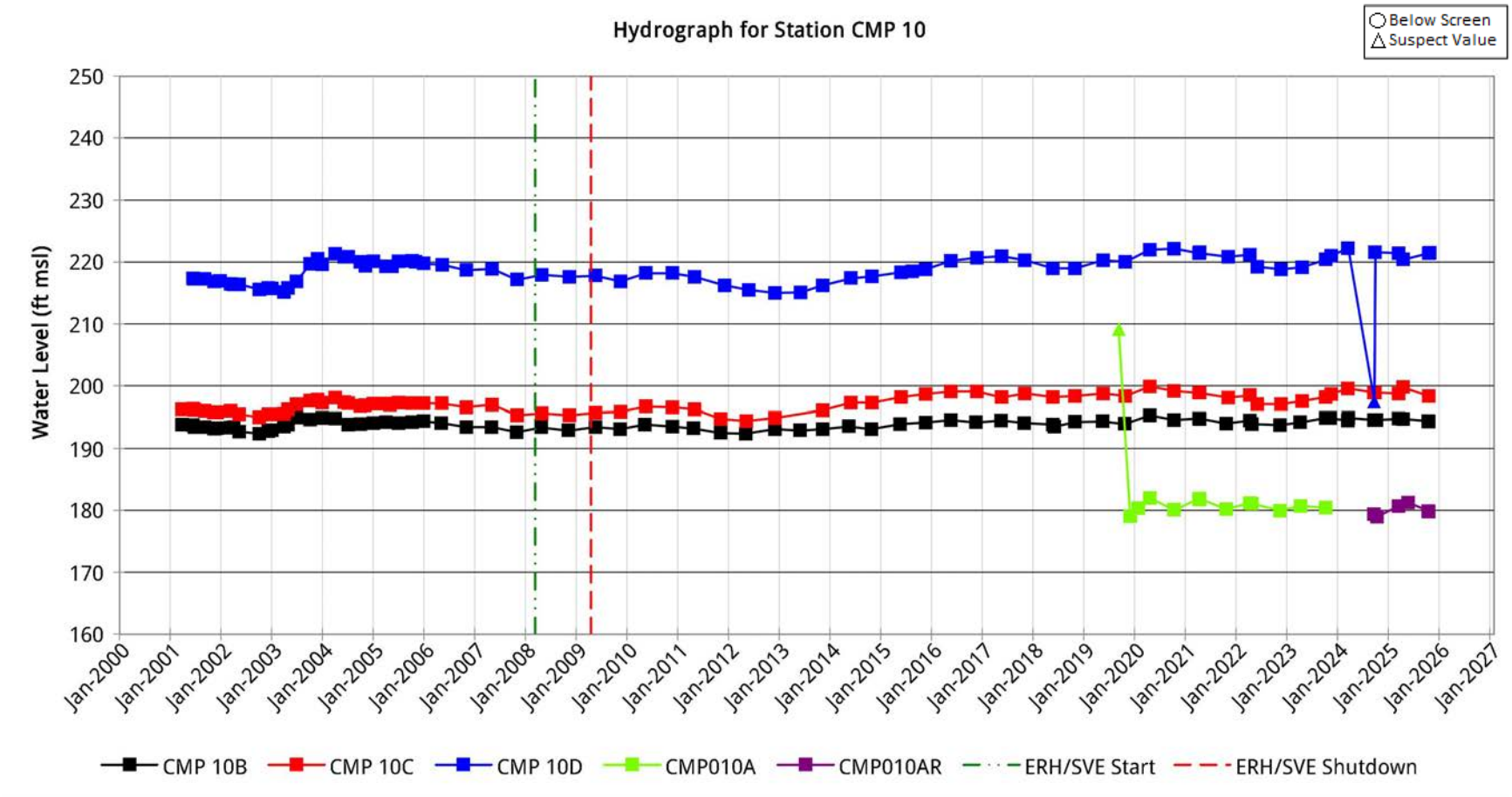
# Hydrographs

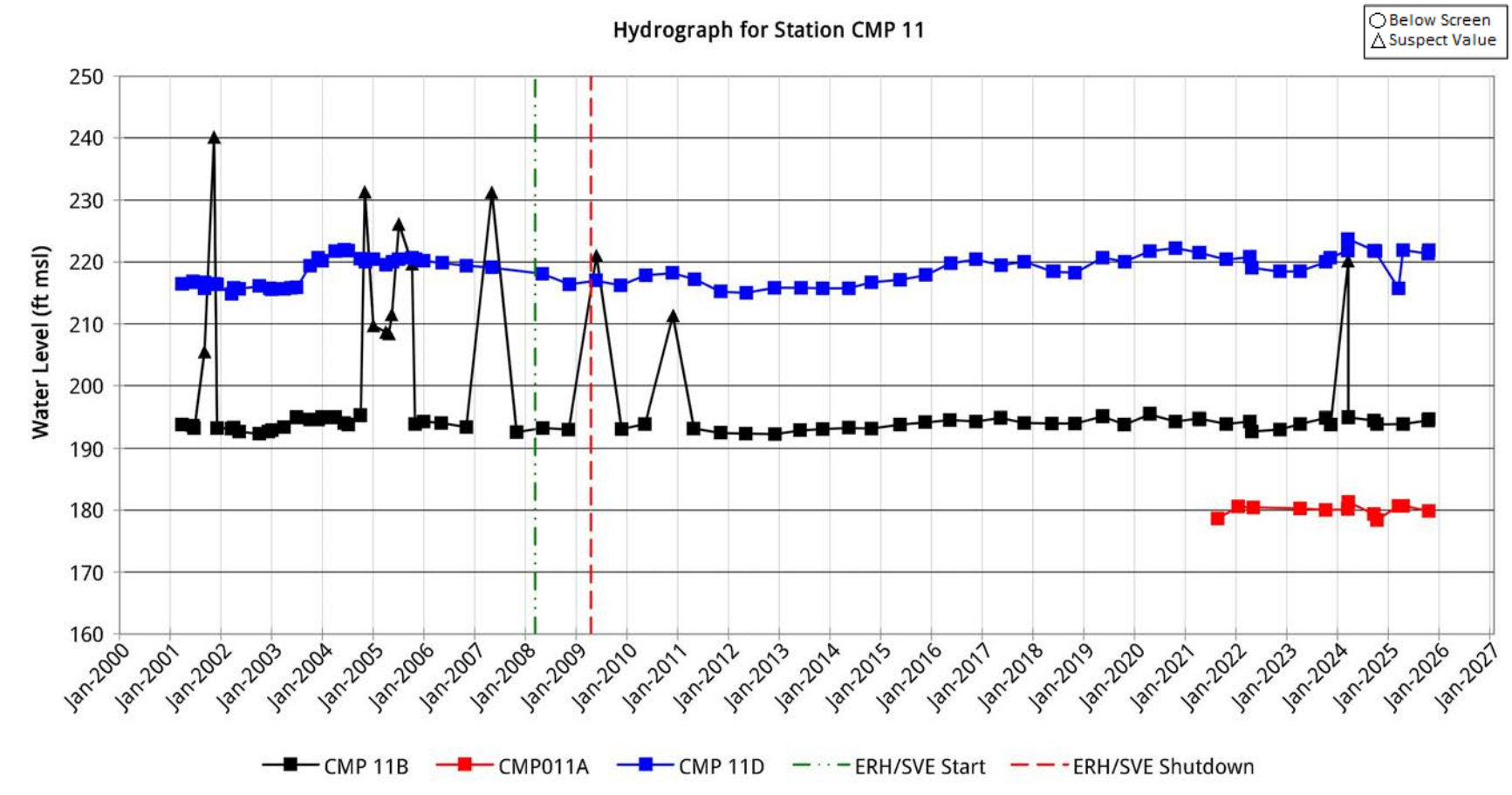
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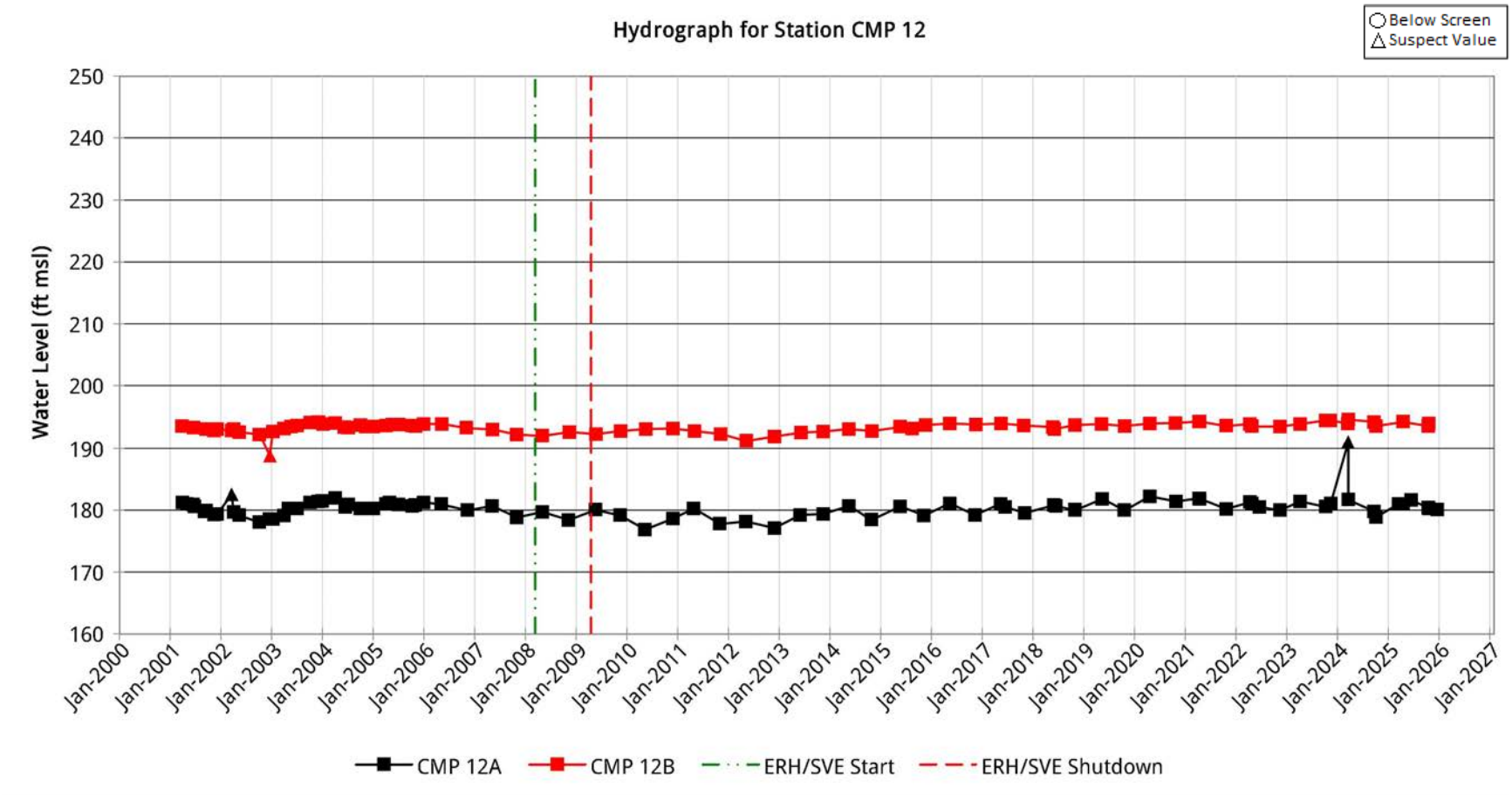

Hydrograph for Station CMB 15
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMB 15I
ERH/SVE Start
ERH/SVE Shutdown

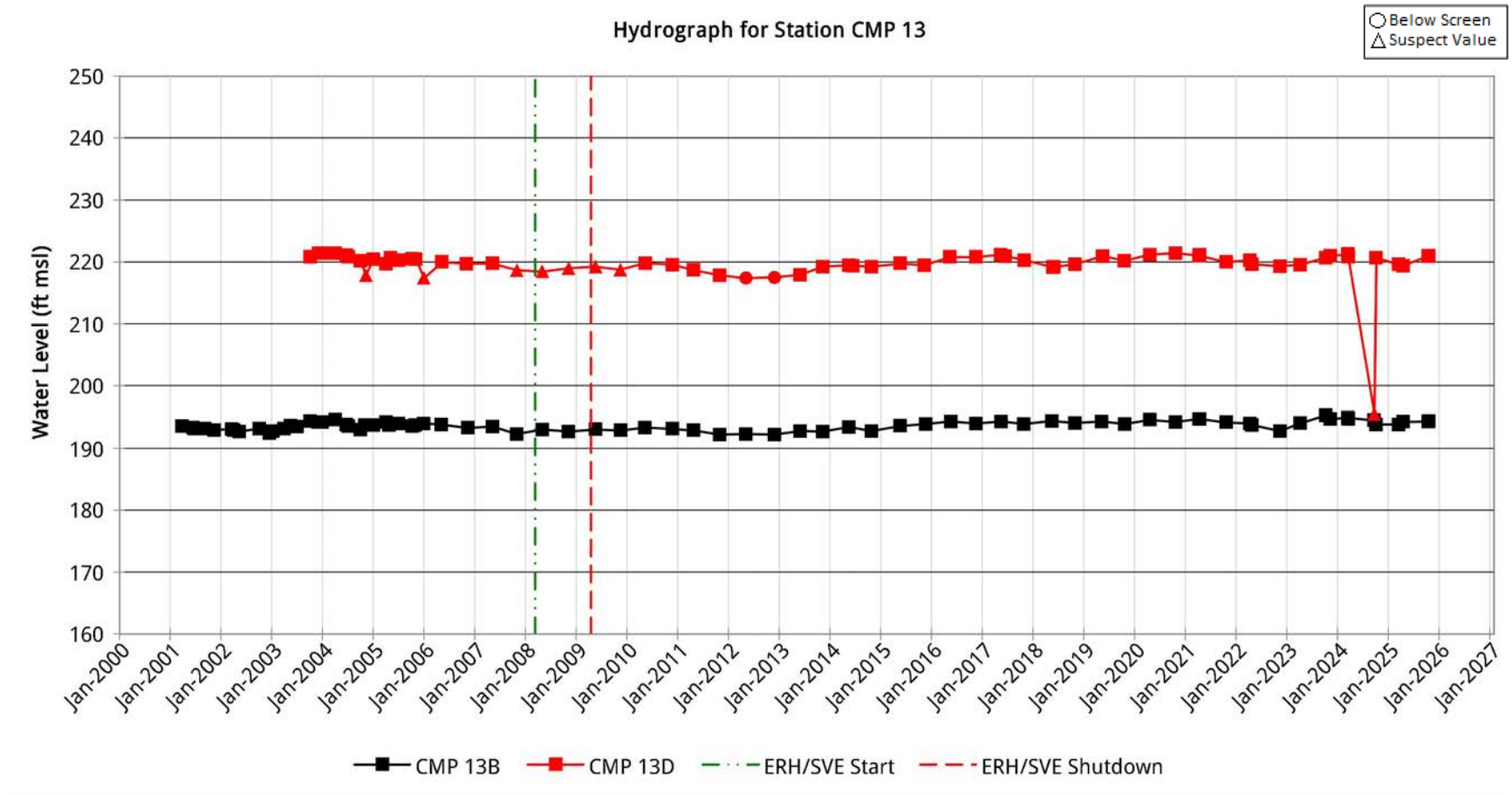

Hydrograph for Station CMB 24
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMB 24I
ERH/SVE Start
ERH/SVE Shutdown

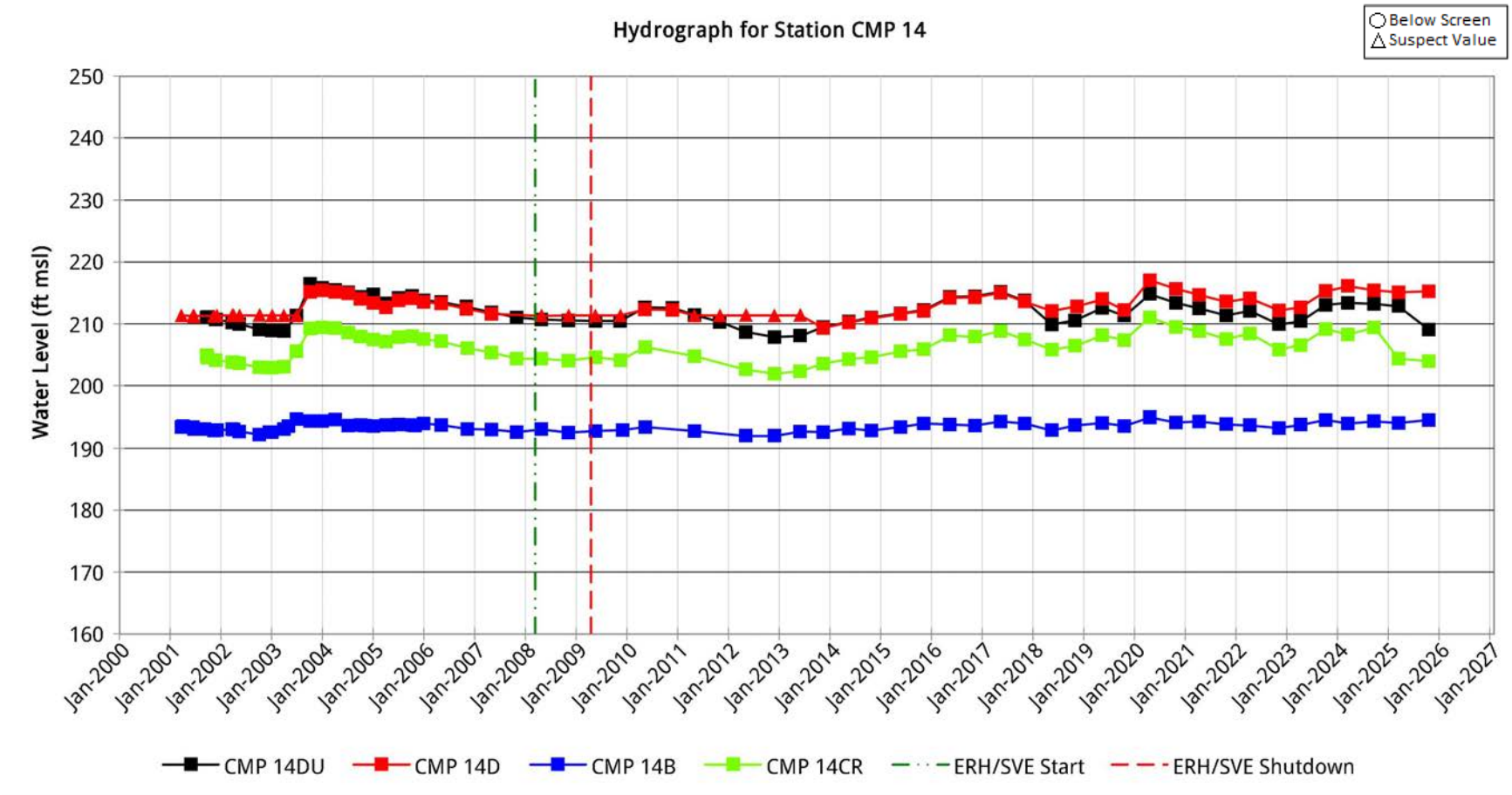

Hydrograph for Station CMP 8
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 8B
CMP 8
CMP 8A
ERH/SVE Start
ERH/SVE Shutdown

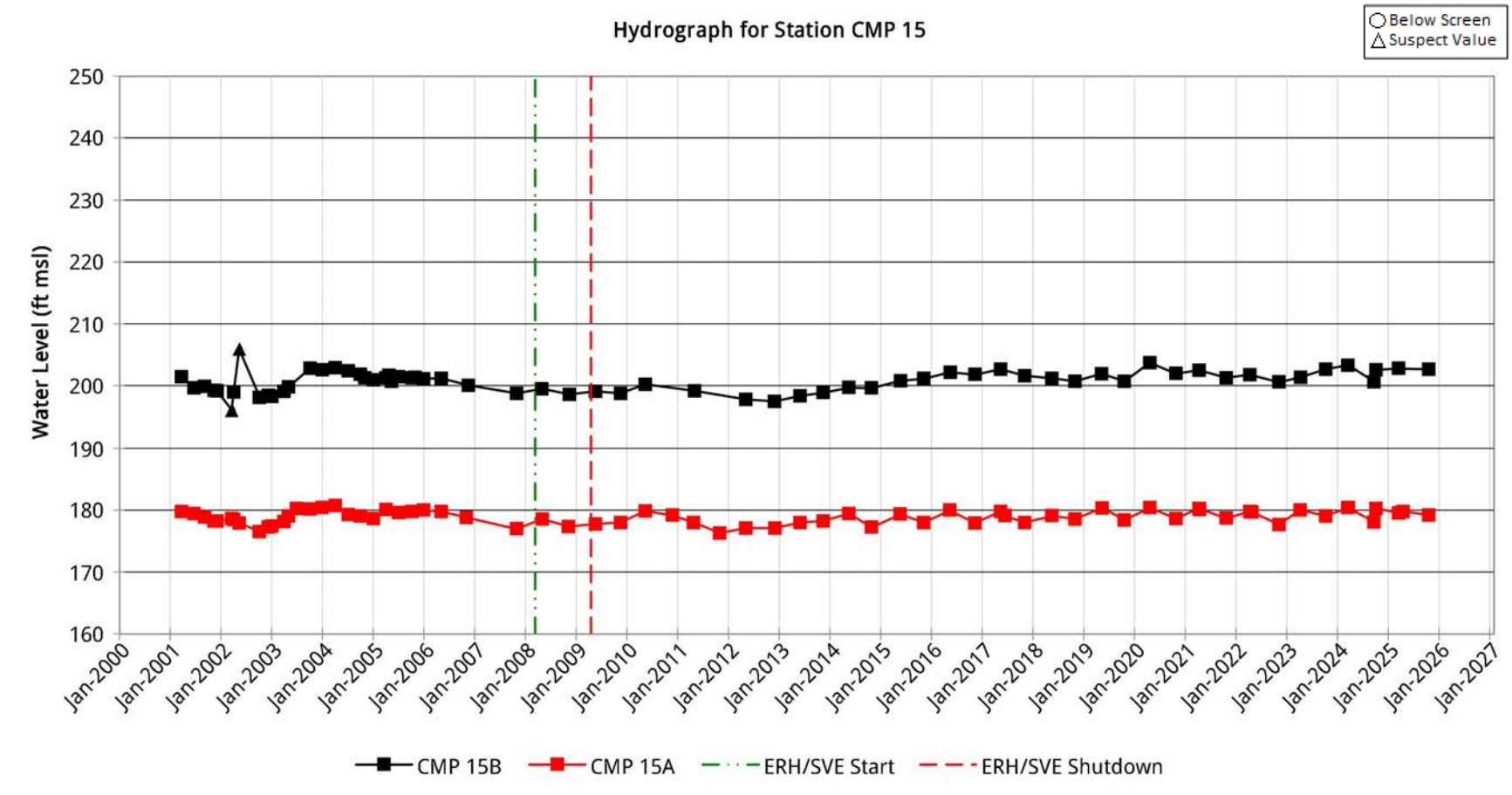

Hydrograph for Station CMP 10
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
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Jan-2025
Jan-2026
Jan-2027
CMP 10B
CMP 10C
CMP 10D
CMP010A
CMP010AR
ERH/SVE Start
ERH/SVE Shutdown

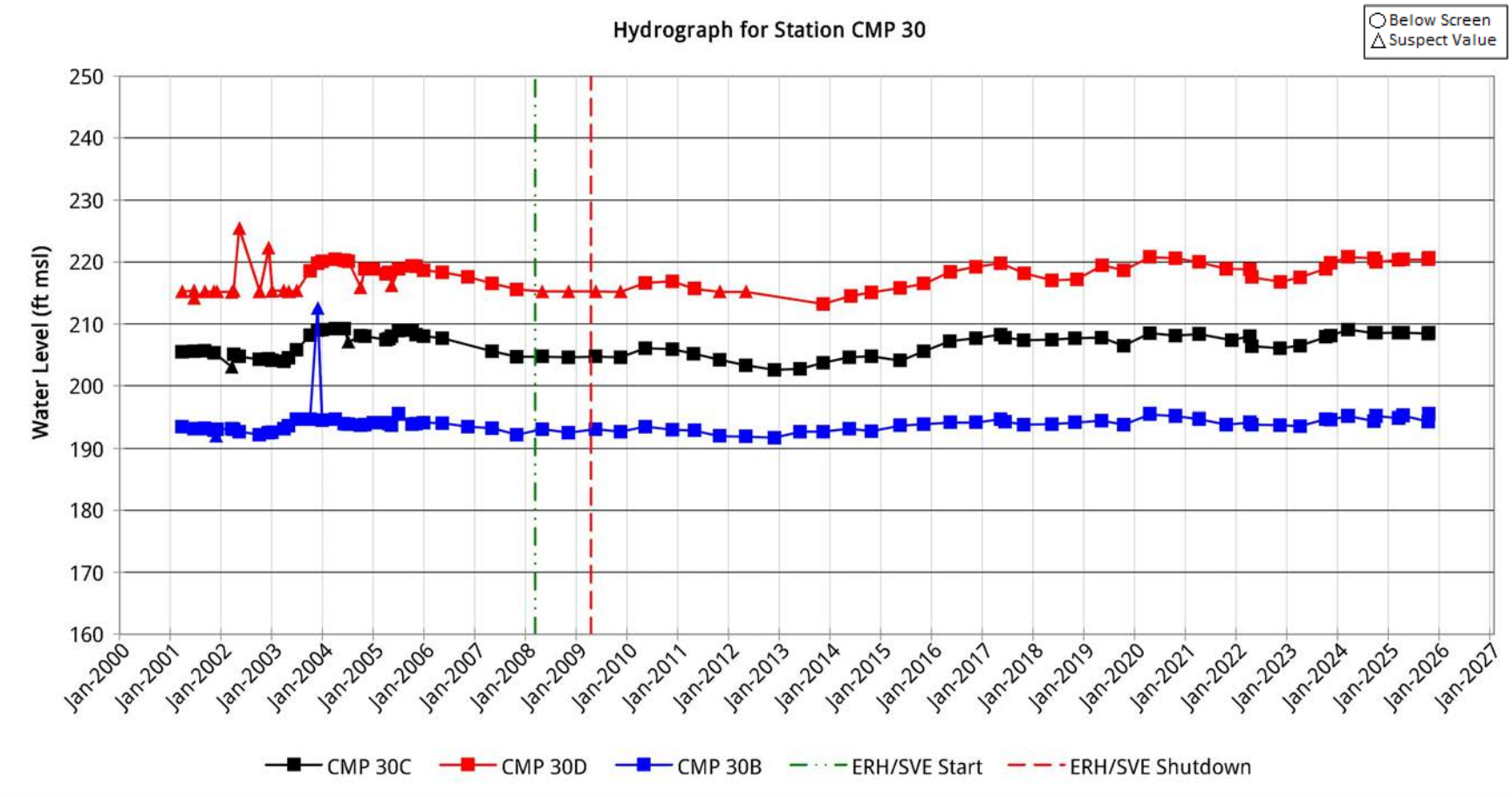

Hydrograph for Station CMP 11
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
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Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 11B
CMP011A
CMP 11D
ERH/SVE Start
ERH/SVE Shutdown

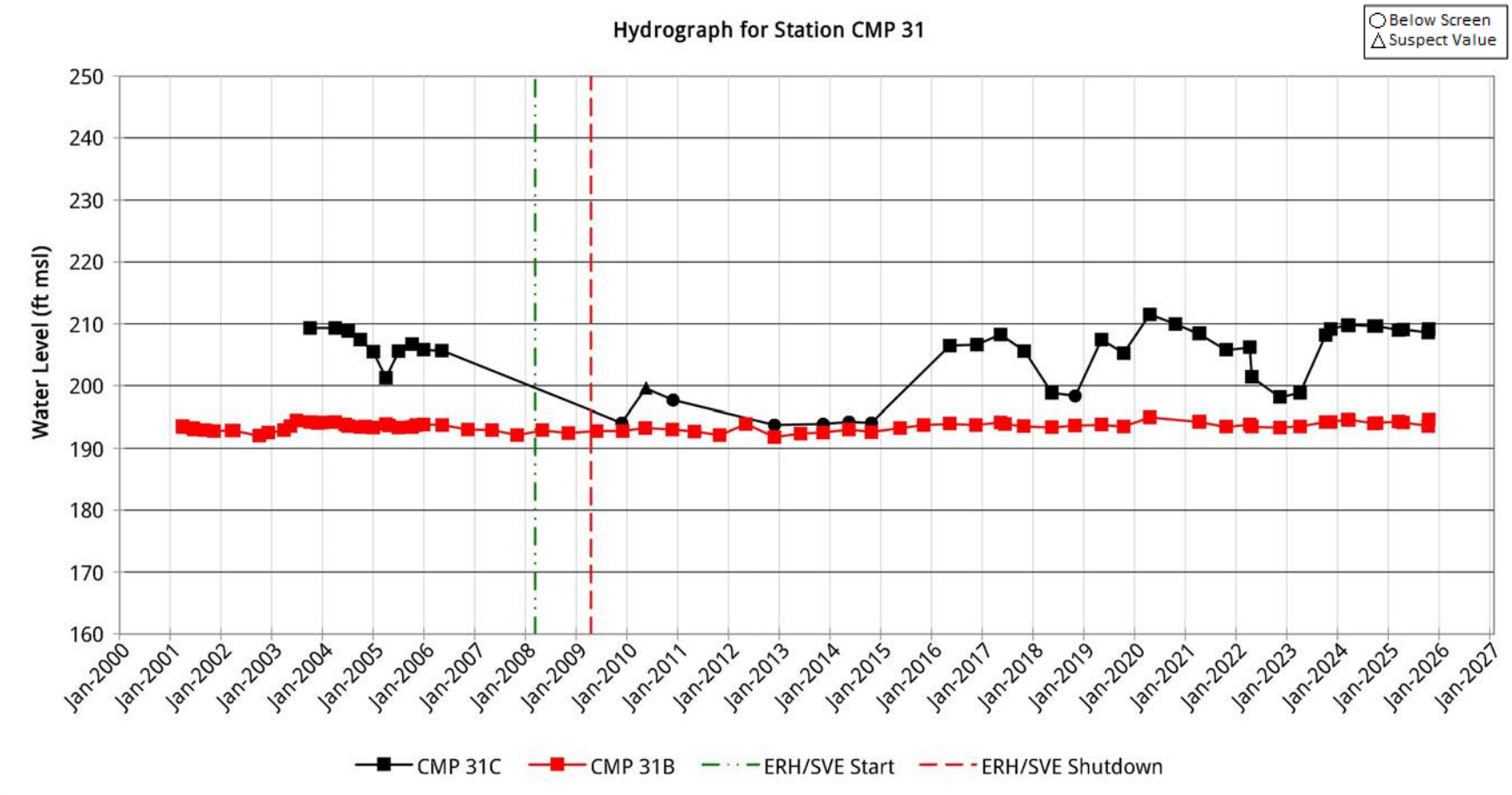

Hydrograph for Station CMP 12
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
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Jan-2021
Jan-2022
Jan-2023
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Jan-2025
Jan-2026
Jan-2027
CMP 12A
CMP 12B
ERH/SVE Start
ERH/SVE Shutdown

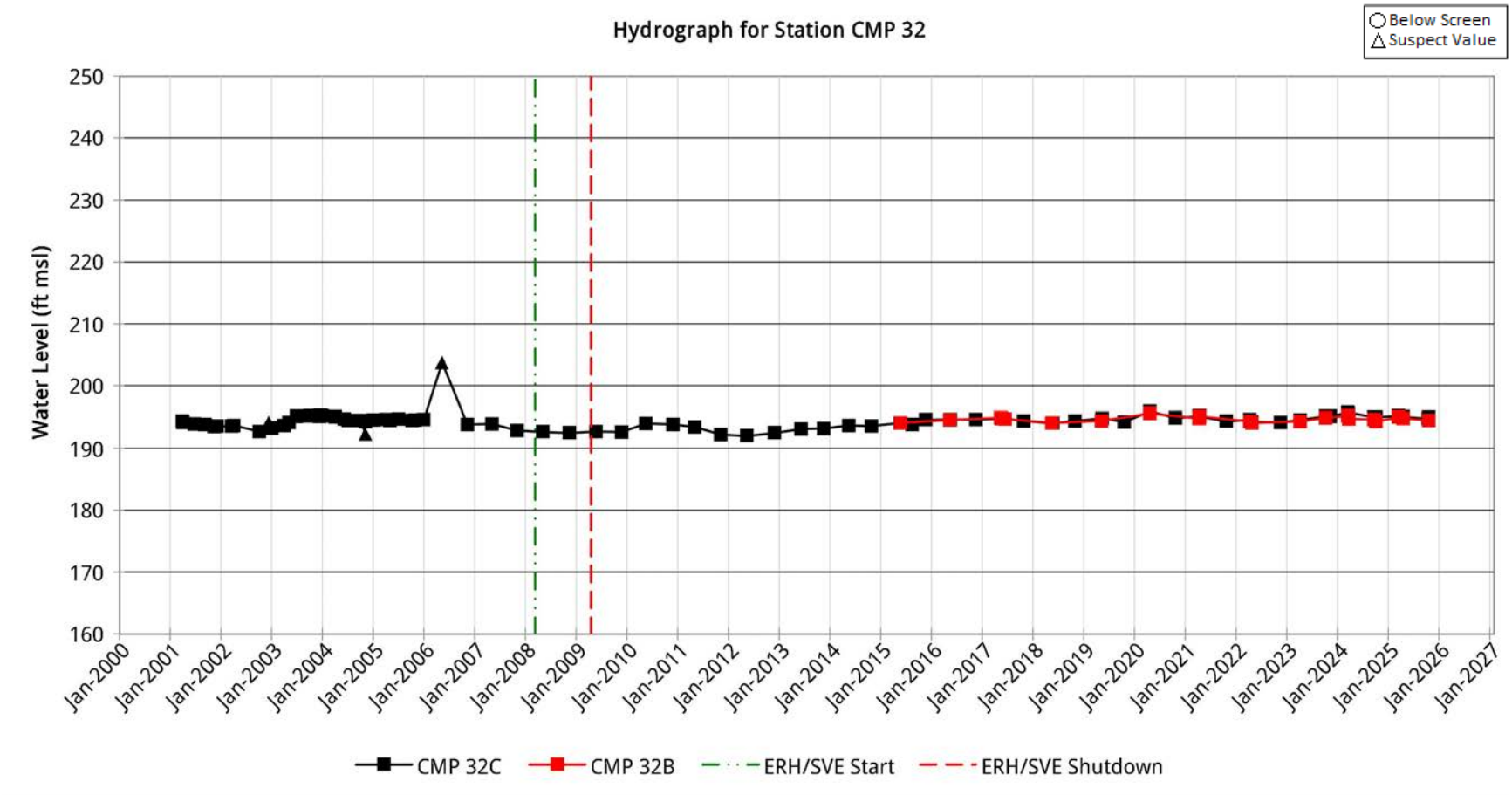

Hydrograph for Station CMP 13
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
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Jan-2022
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Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 13B
CMP 13D
ERH/SVE Start
ERH/SVE Shutdown

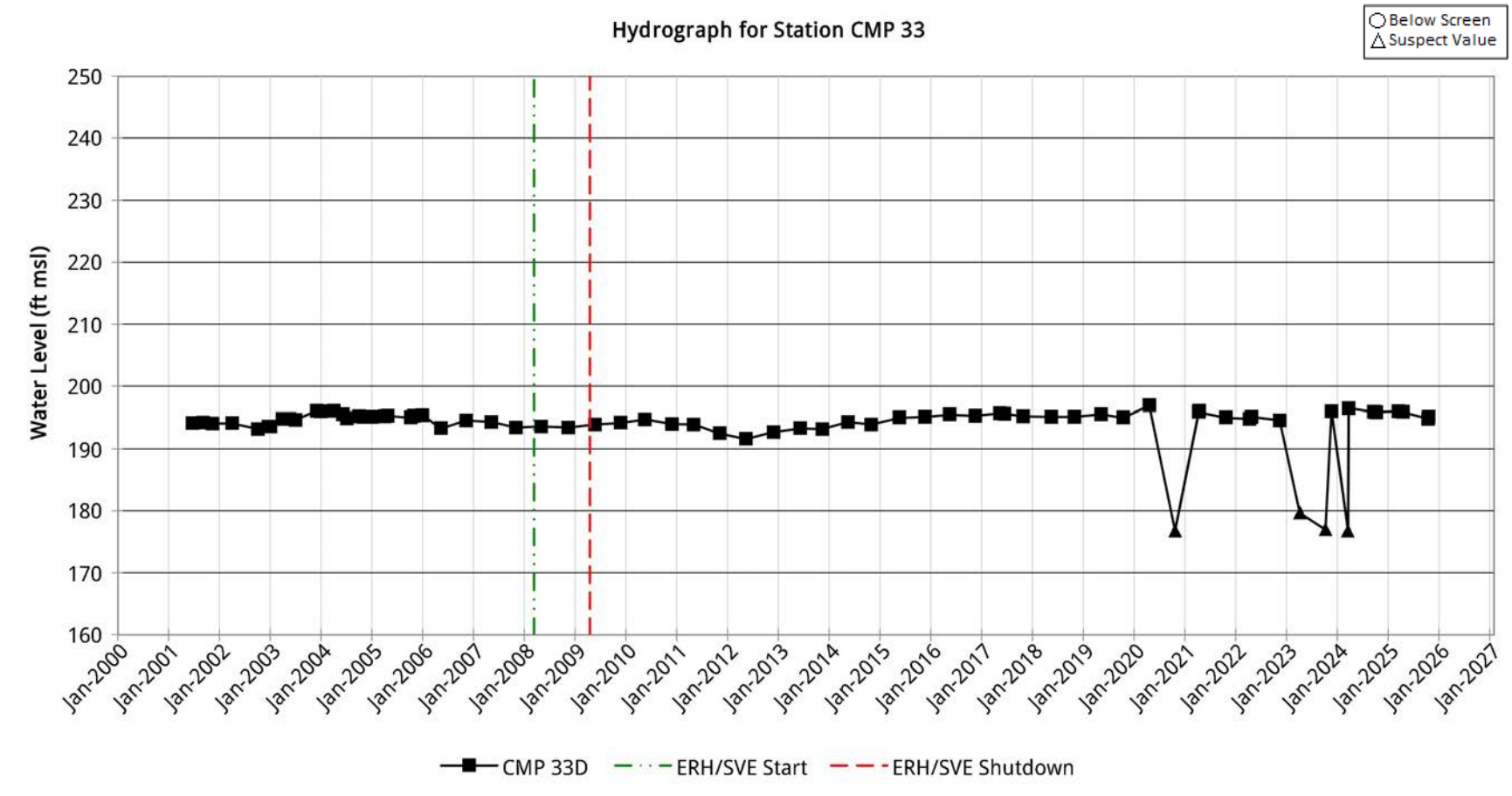

Hydrograph for Station CMP 14
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
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Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 14DU
CMP 14D
CMP 14B
CMP 14CR
ERH/SVE Start
ERH/SVE Shutdown

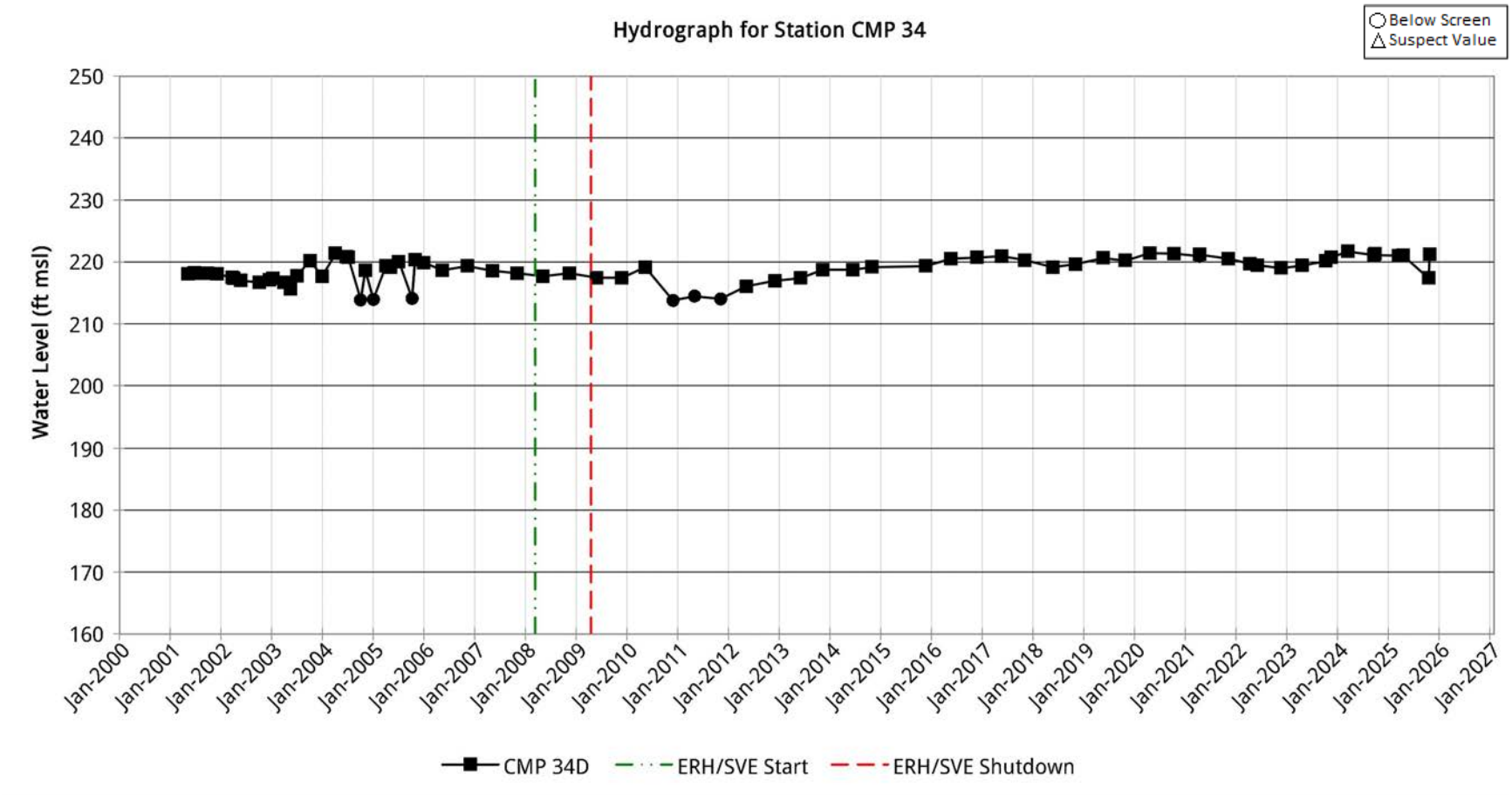

Hydrograph for Station CMP 15
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
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Jan-2011
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Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 15B
CMP 15A
ERH/SVE Start
ERH/SVE Shutdown

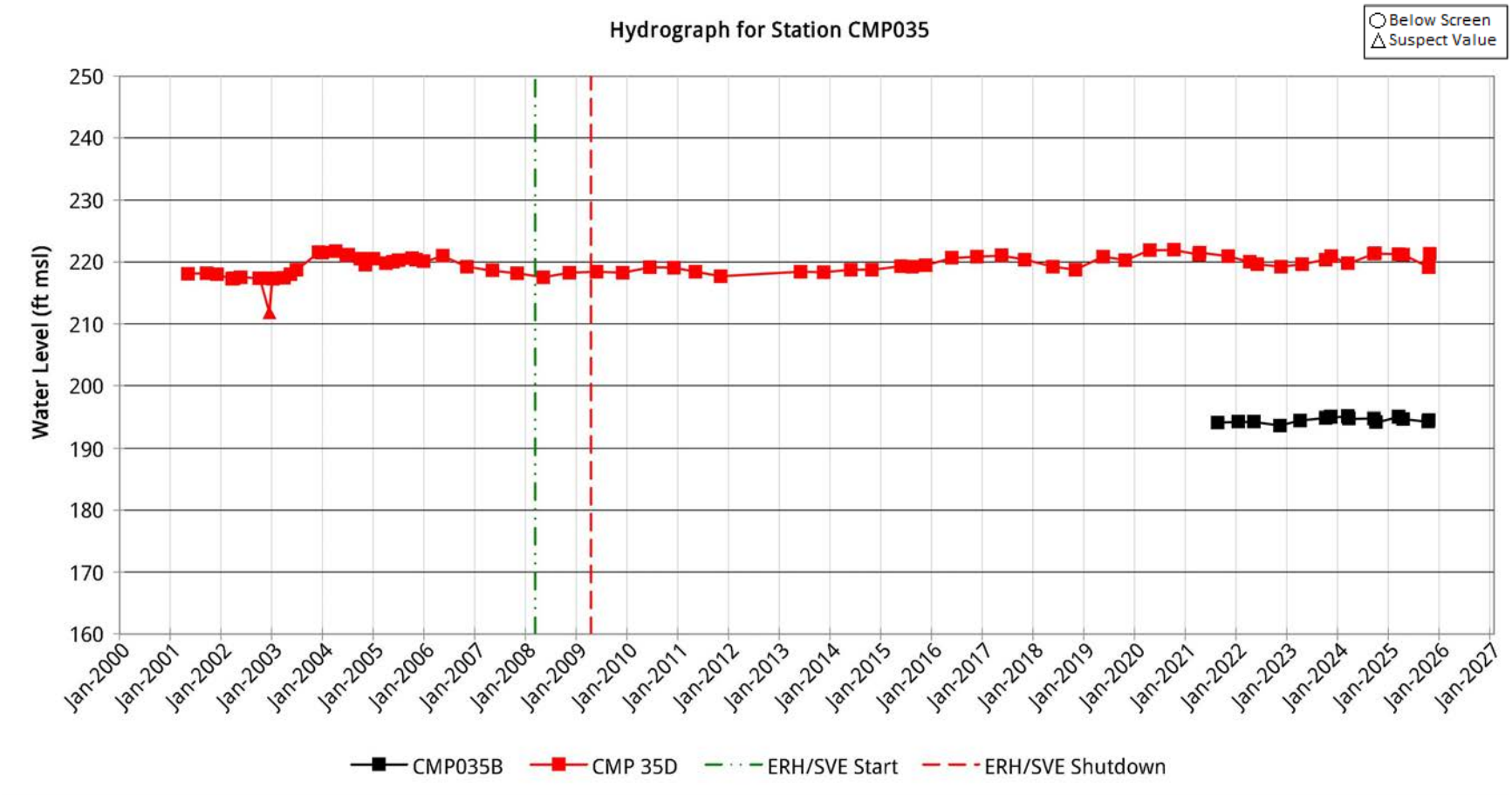

Hydrograph for Station CMP 30
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
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Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 30C
CMP 30D
CMP 30B
ERH/SVE Start
ERH/SVE Shutdown

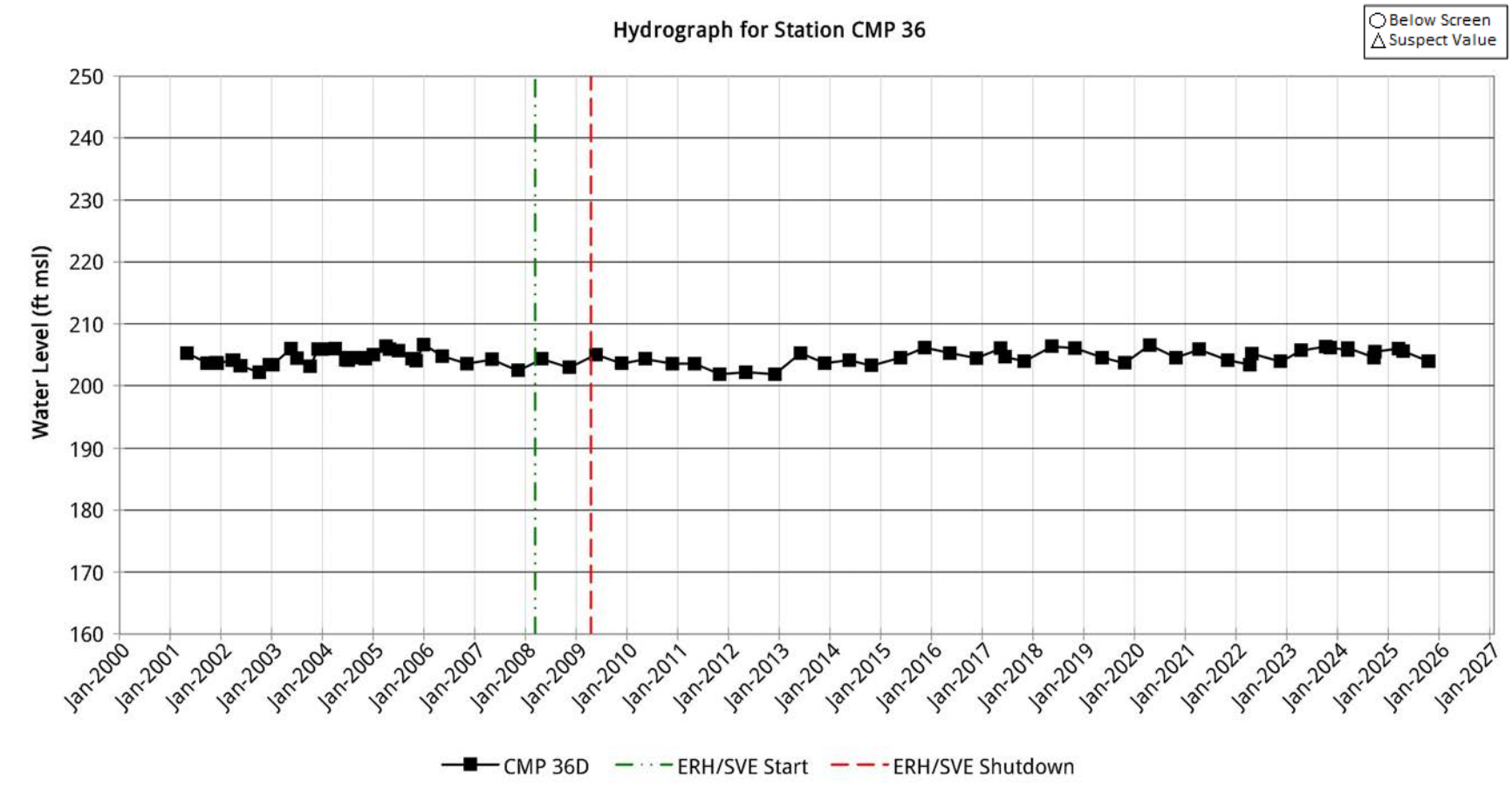

Hydrograph for Station CMP 31
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
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Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 31C
CMP 31B
ERH/SVE Start
ERH/SVE Shutdown

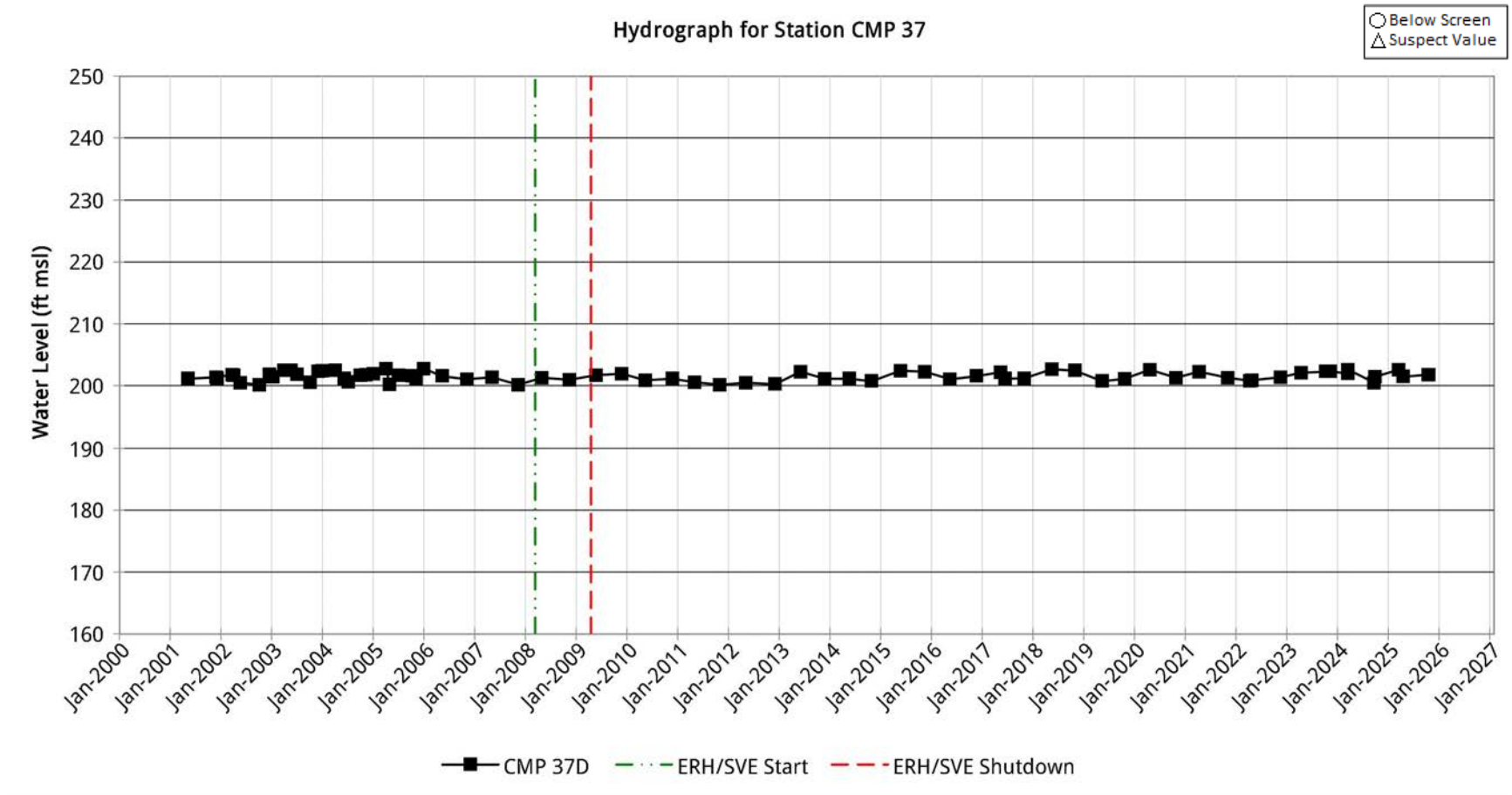

Hydrograph for Station CMP 32
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
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Jan-2023
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Jan-2025
Jan-2026
Jan-2027
CMP 32C
CMP 32B
ERH/SVE Start
ERH/SVE Shutdown

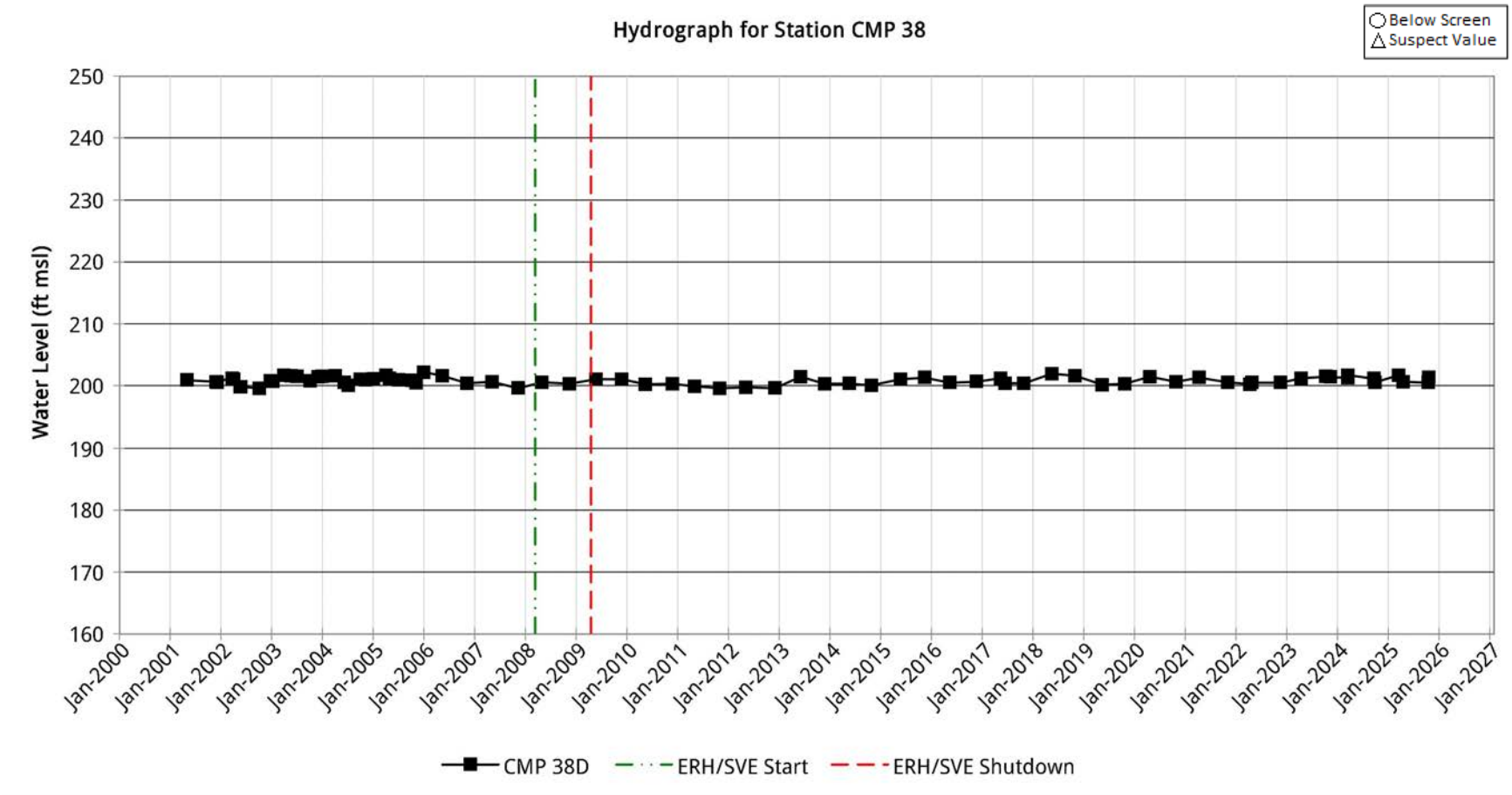

Hydrograph for Station CMP 33
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
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Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 33D
ERH/SVE Start
ERH/SVE Shutdown

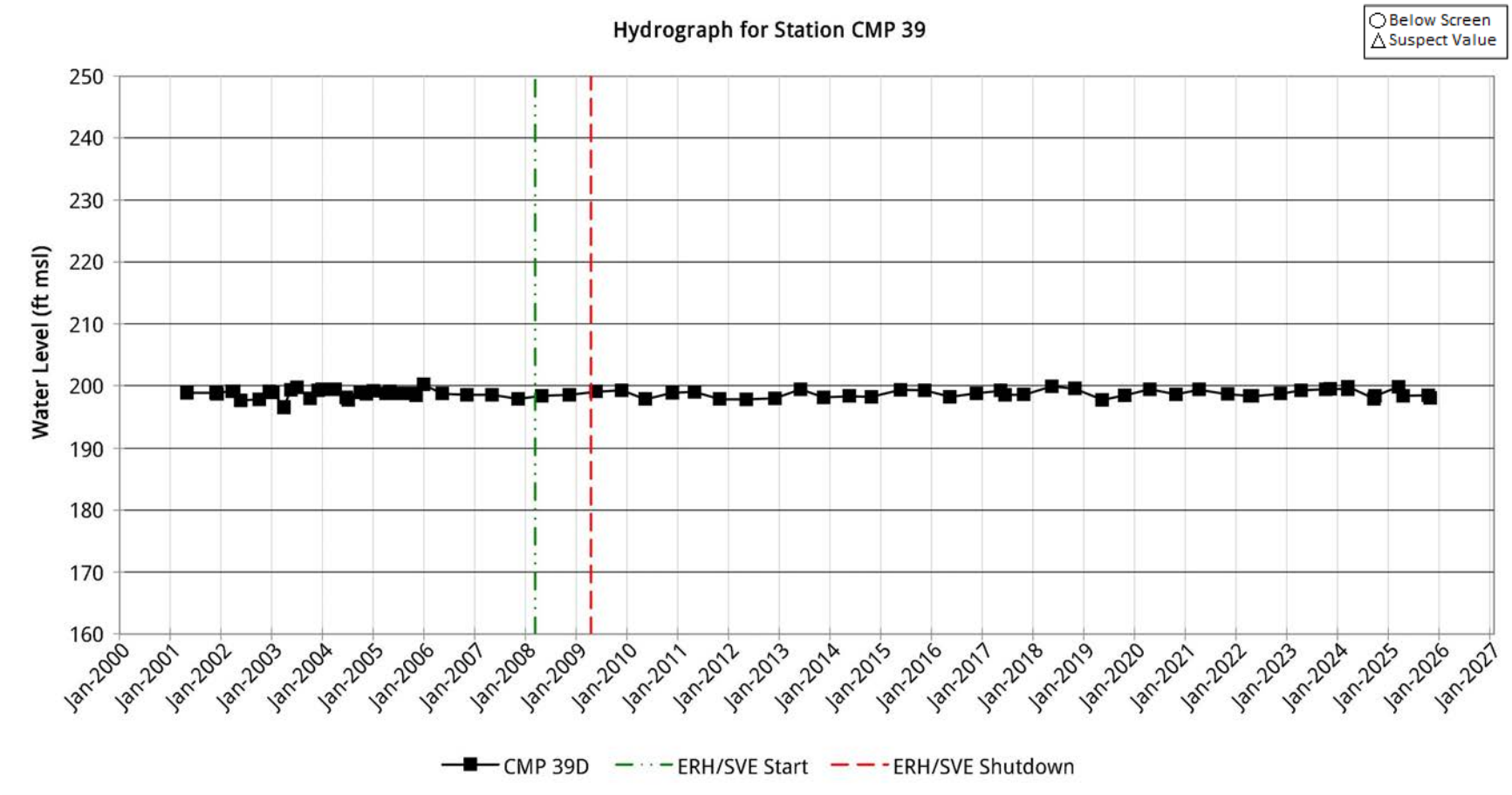

Hydrograph for Station CMP 34
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
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Jan-2022
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Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 34D
ERH/SVE Start
ERH/SVE Shutdown

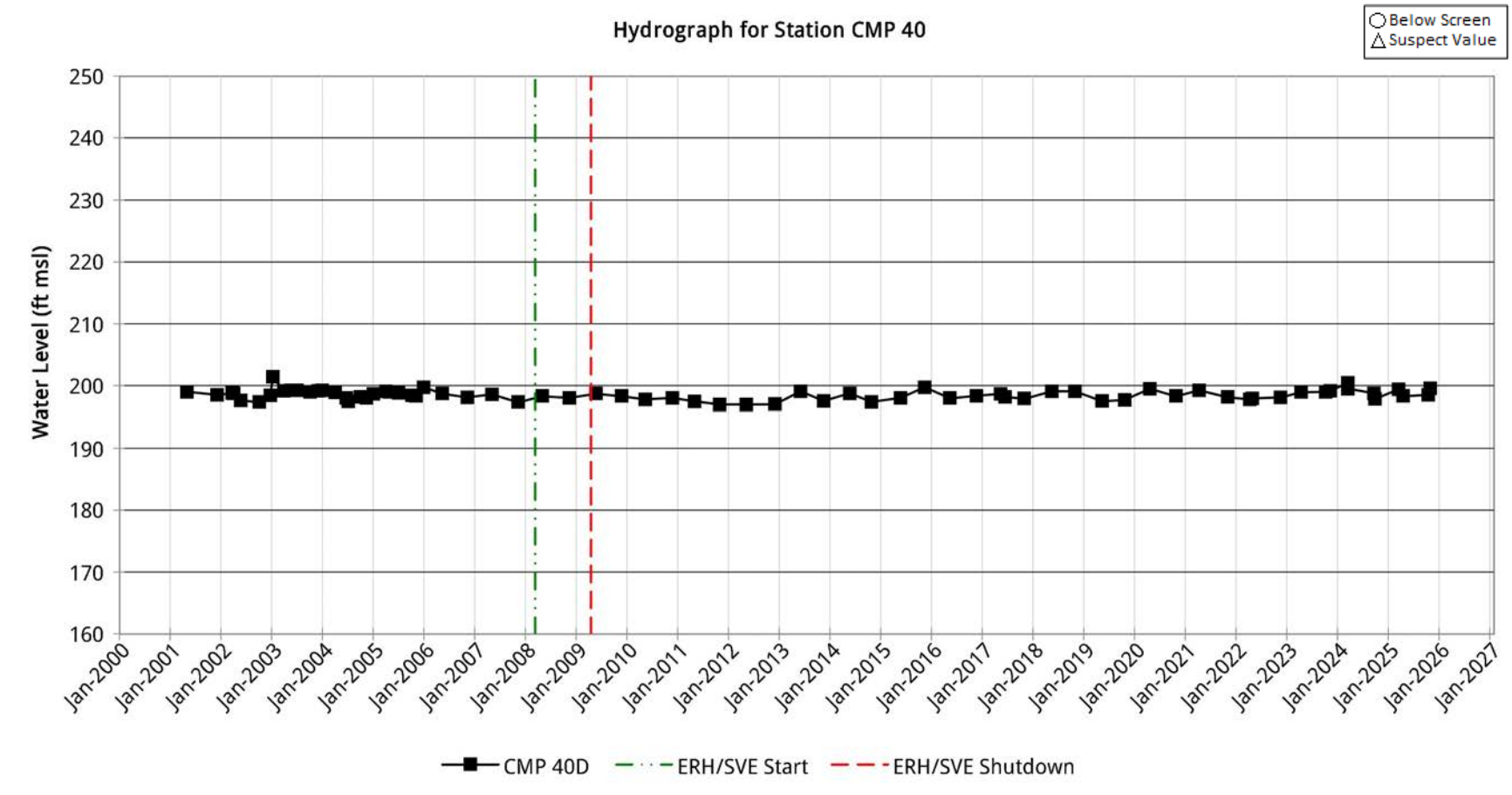

Hydrograph for Station CMP035
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
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Jan-2021
Jan-2022
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Jan-2025
Jan-2026
Jan-2027
CMP035B
CMP 35D
ERH/SVE Start
ERH/SVE Shutdown

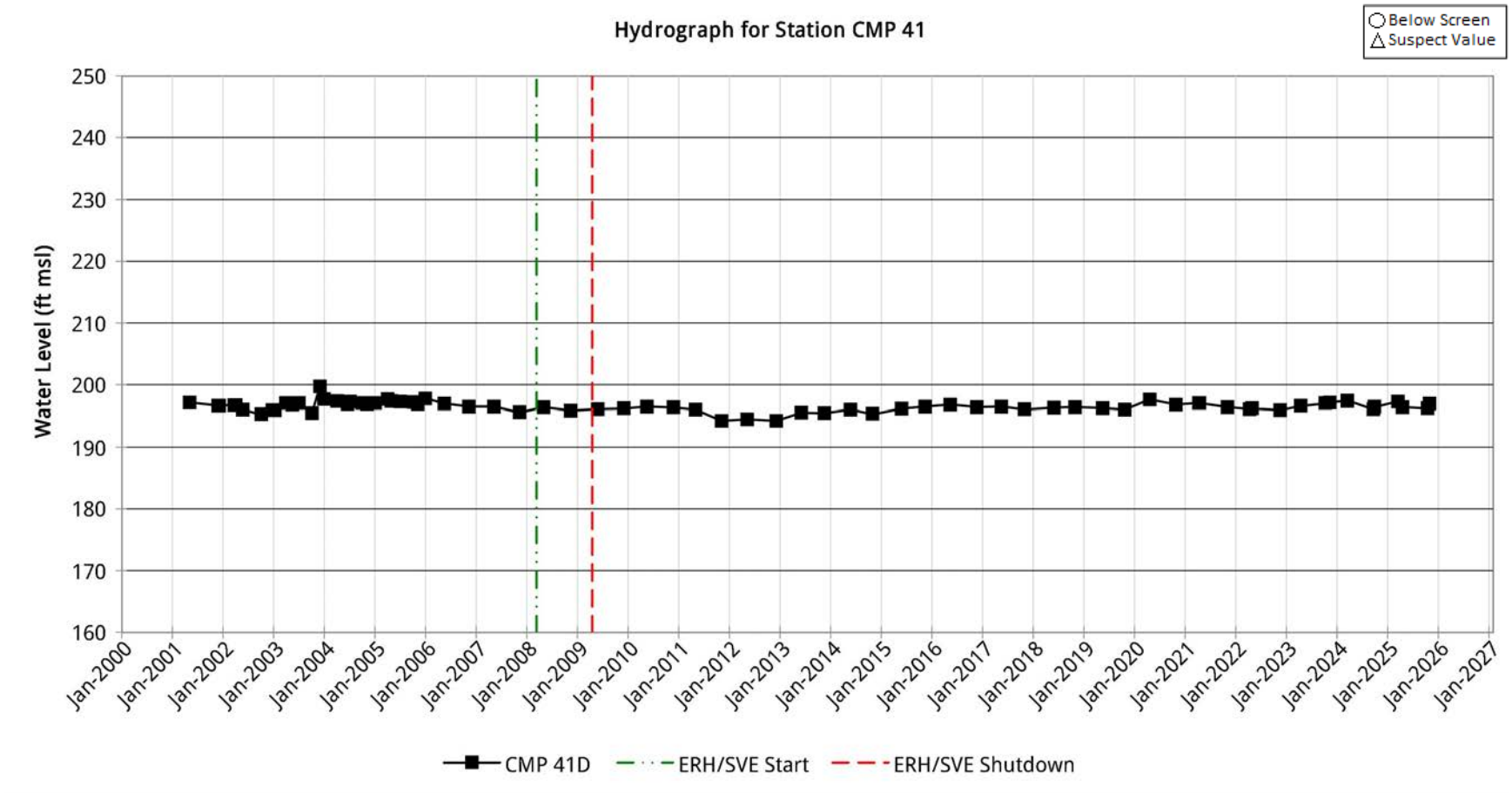

Hydrograph for Station CMP 36
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
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Jan-2021
Jan-2022
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Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 36D
ERH/SVE Start
ERH/SVE Shutdown

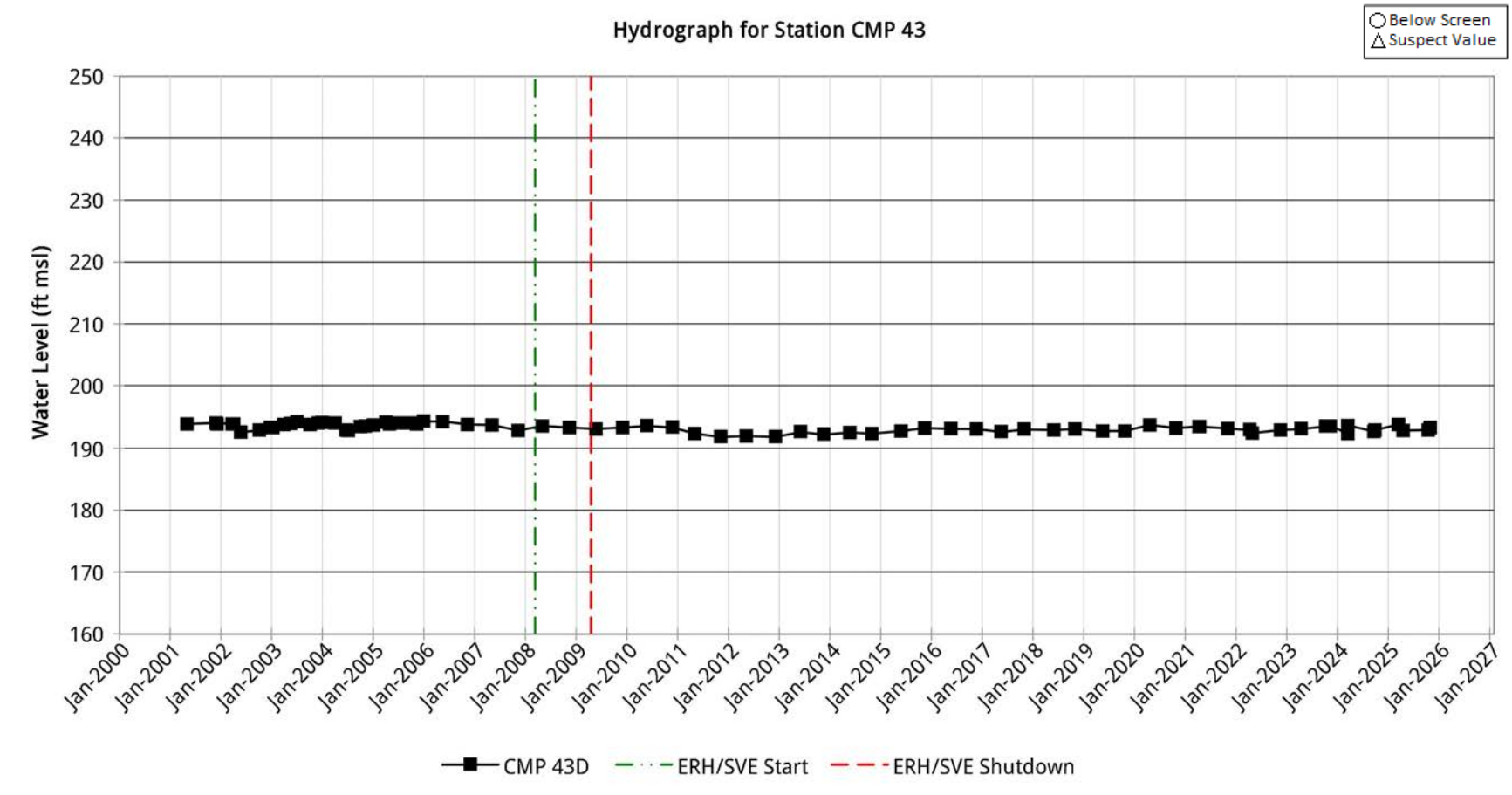

Hydrograph for Station CMP 37
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
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Jan-2009
Jan-2010
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Jan-2021
Jan-2022
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Jan-2025
Jan-2026
Jan-2027
CMP 37D
ERH/SVE Start
ERH/SVE Shutdown

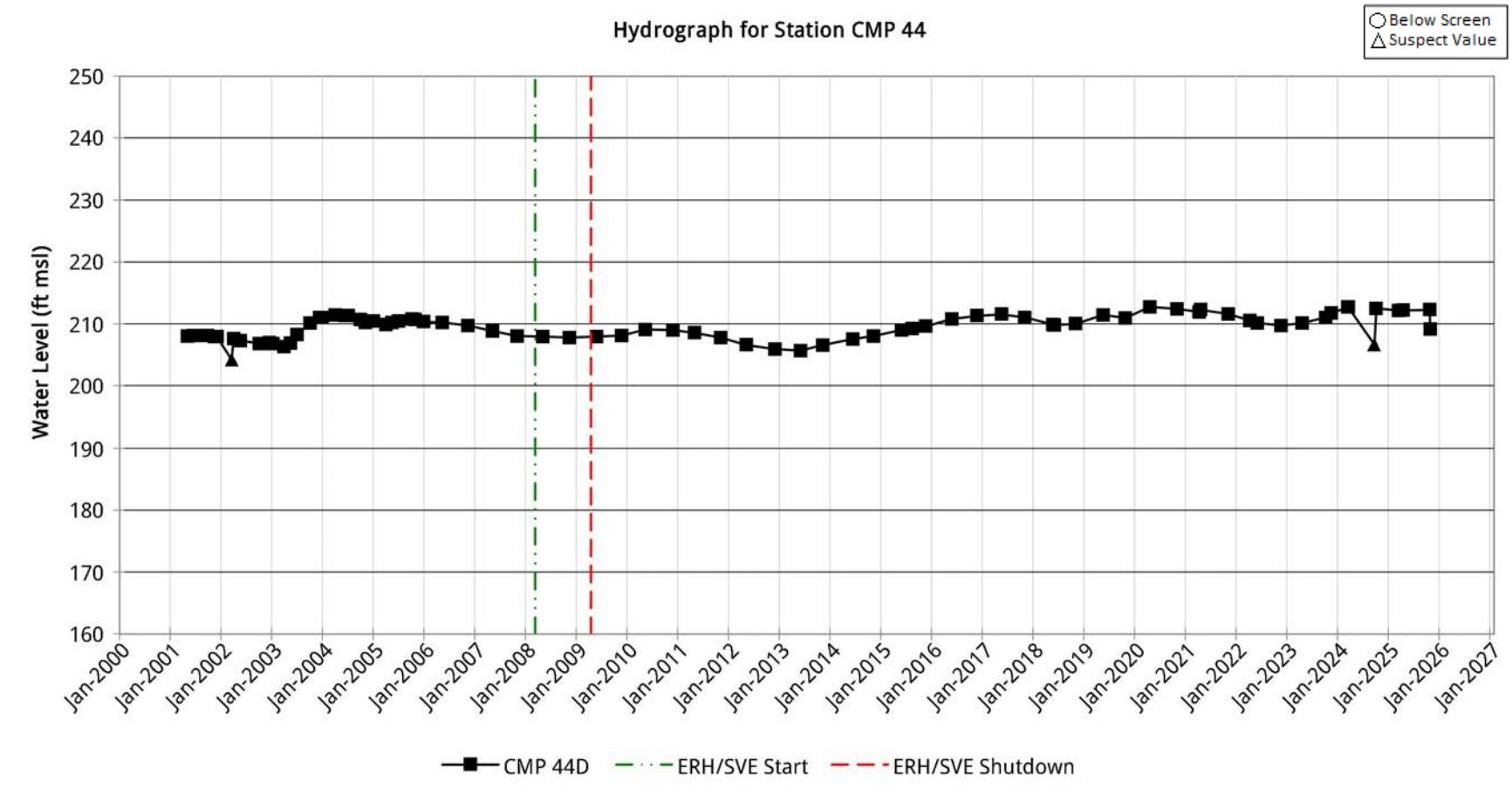

Hydrograph for Station CMP 38
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
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Jan-2025
Jan-2026
Jan-2027
CMP 38D
ERH/SVE Start
ERH/SVE Shutdown

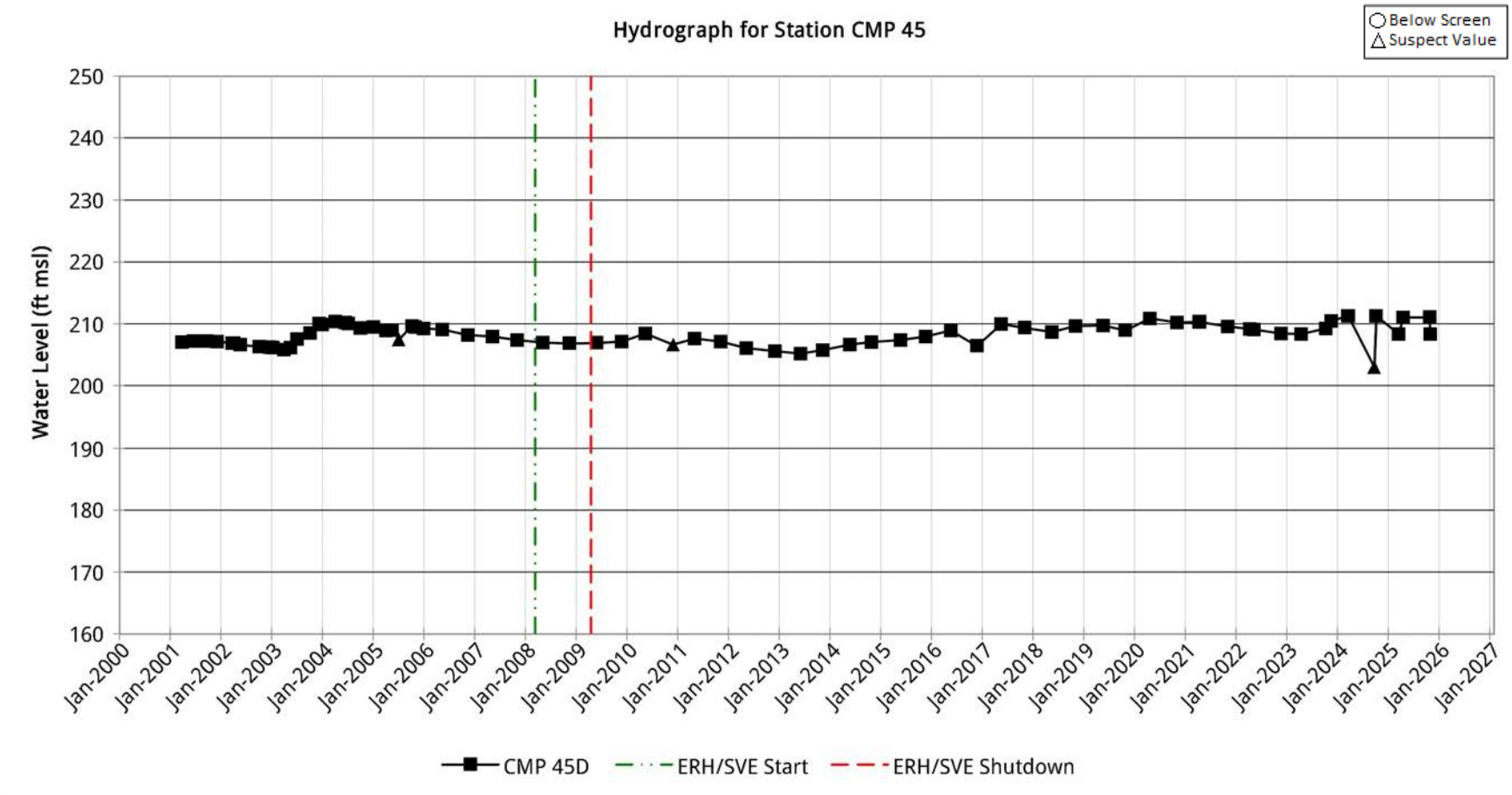

Hydrograph for Station CMP 39
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
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Jan-2021
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Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 39D
ERH/SVE Start
ERH/SVE Shutdown

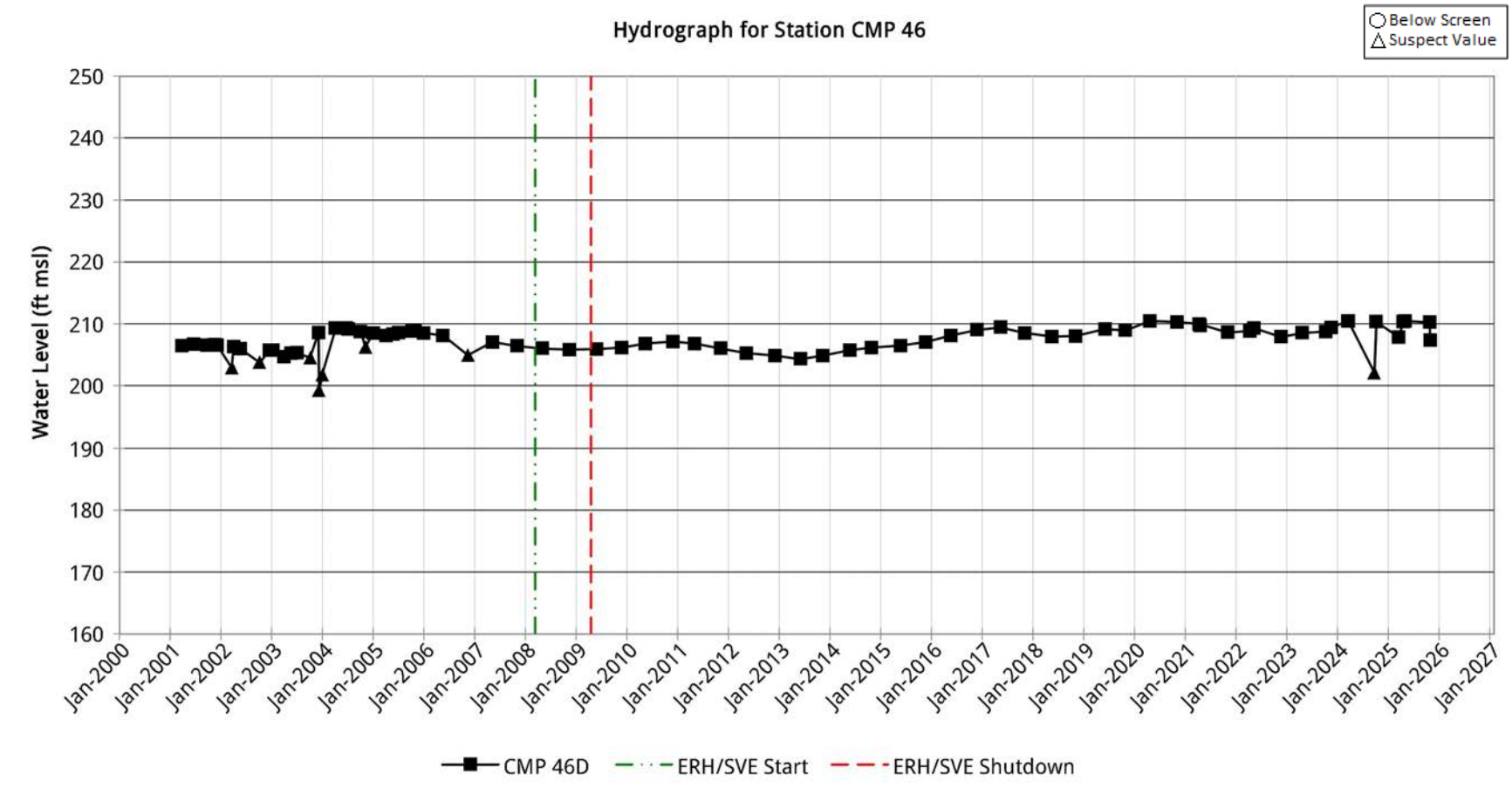

Hydrograph for Station CMP 40
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
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Jan-2025
Jan-2026
Jan-2027
CMP 40D
ERH/SVE Start
ERH/SVE Shutdown

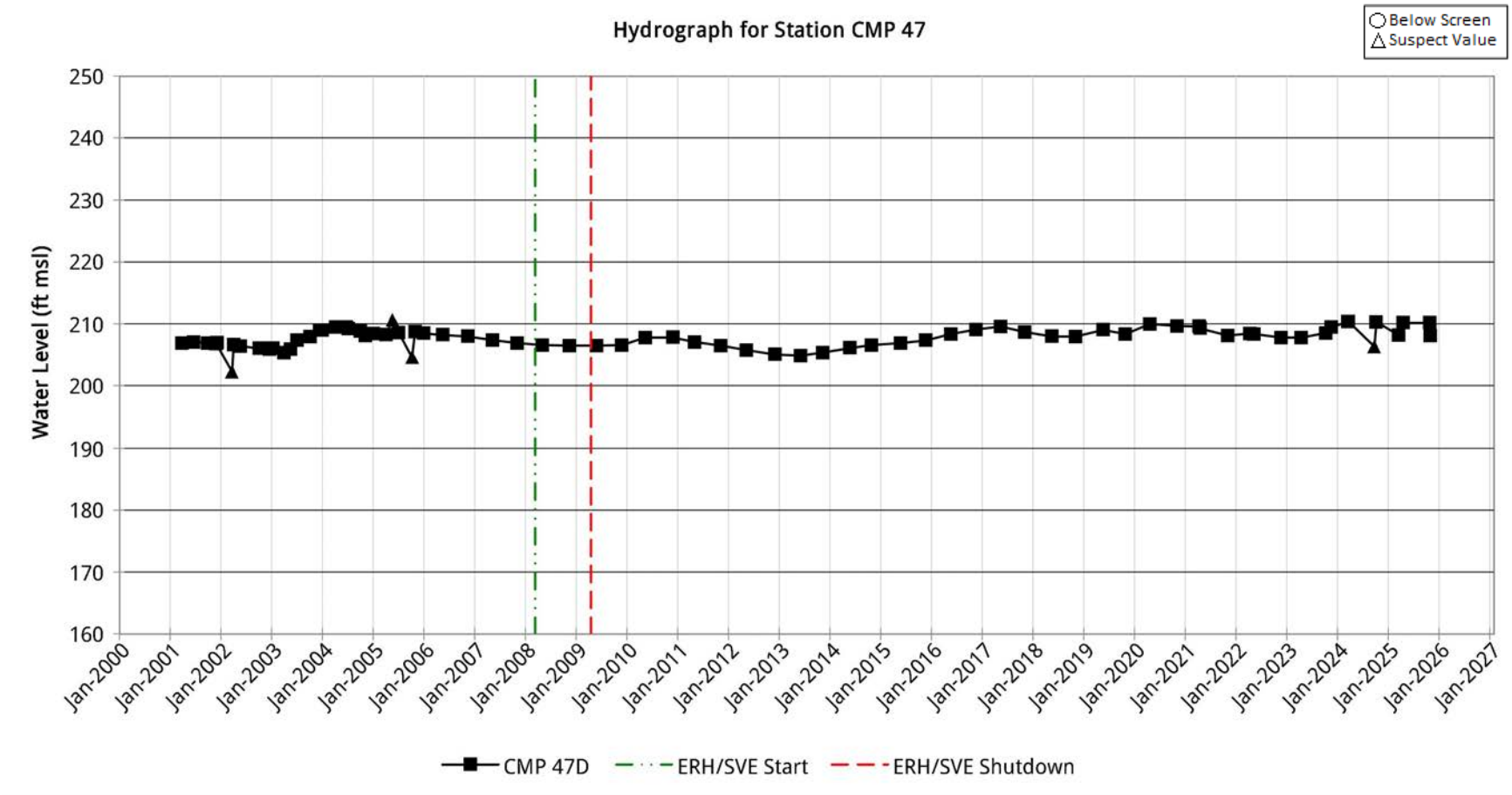

Hydrograph for Station CMP 41
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
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Jan-2025
Jan-2026
Jan-2027
CMP 41D
ERH/SVE Start
ERH/SVE Shutdown

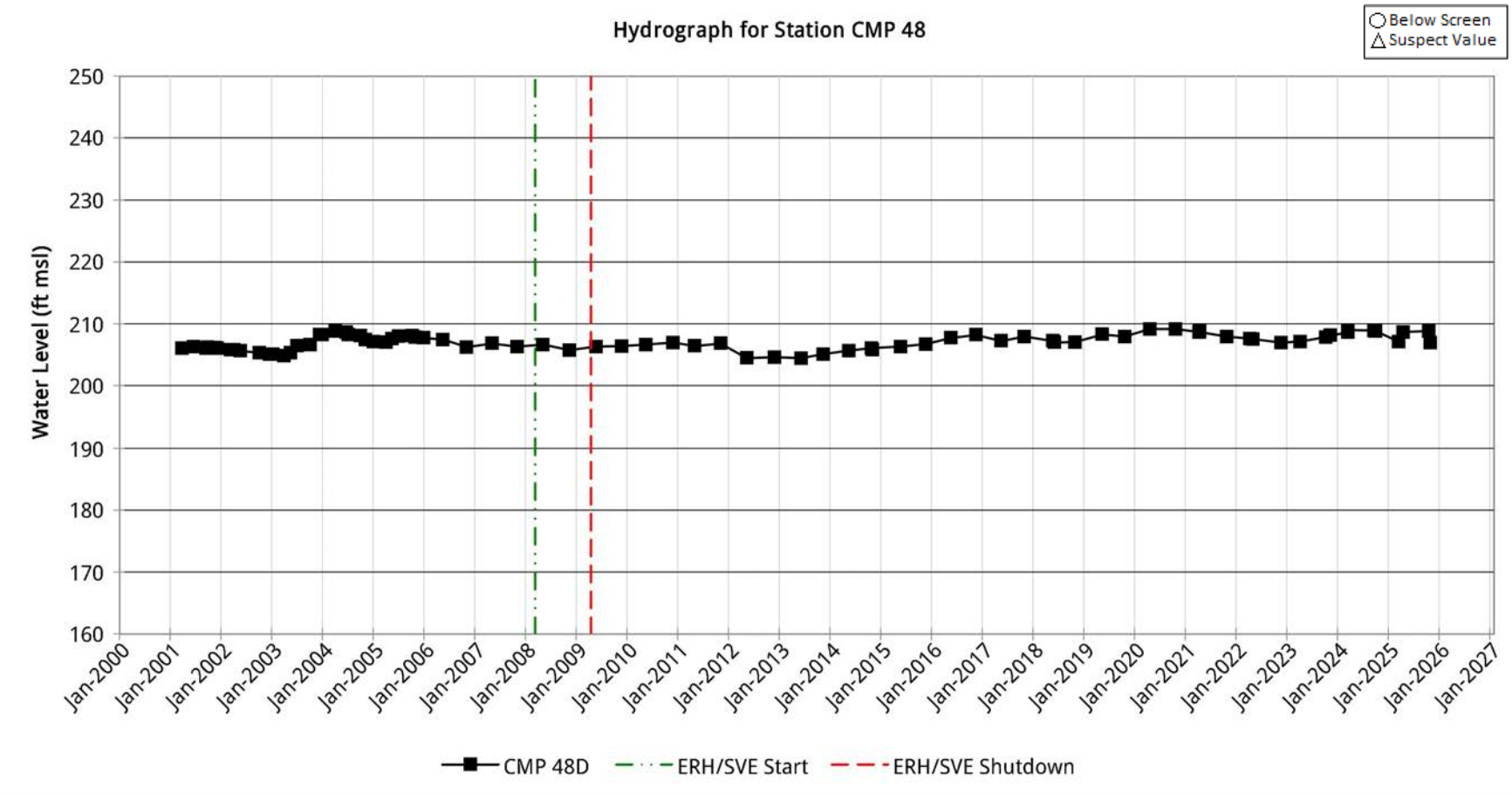

Hydrograph for Station CMP 43
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
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Jan-2021
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Jan-2025
Jan-2026
Jan-2027
CMP 43D
ERH/SVE Start
ERH/SVE Shutdown

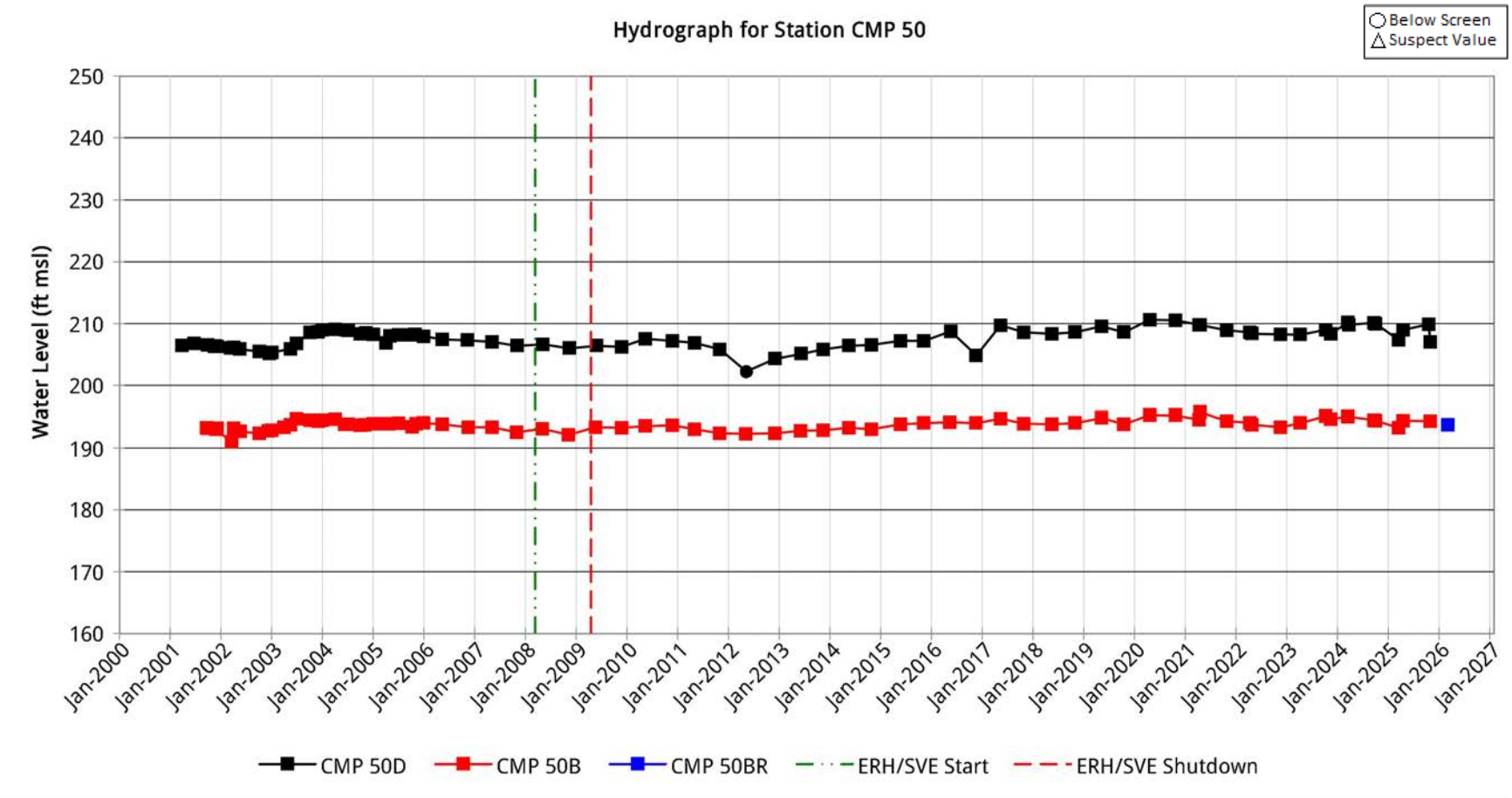

Hydrograph for Station CMP 44
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
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Jan-2021
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Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 44D
ERH/SVE Start
ERH/SVE Shutdown

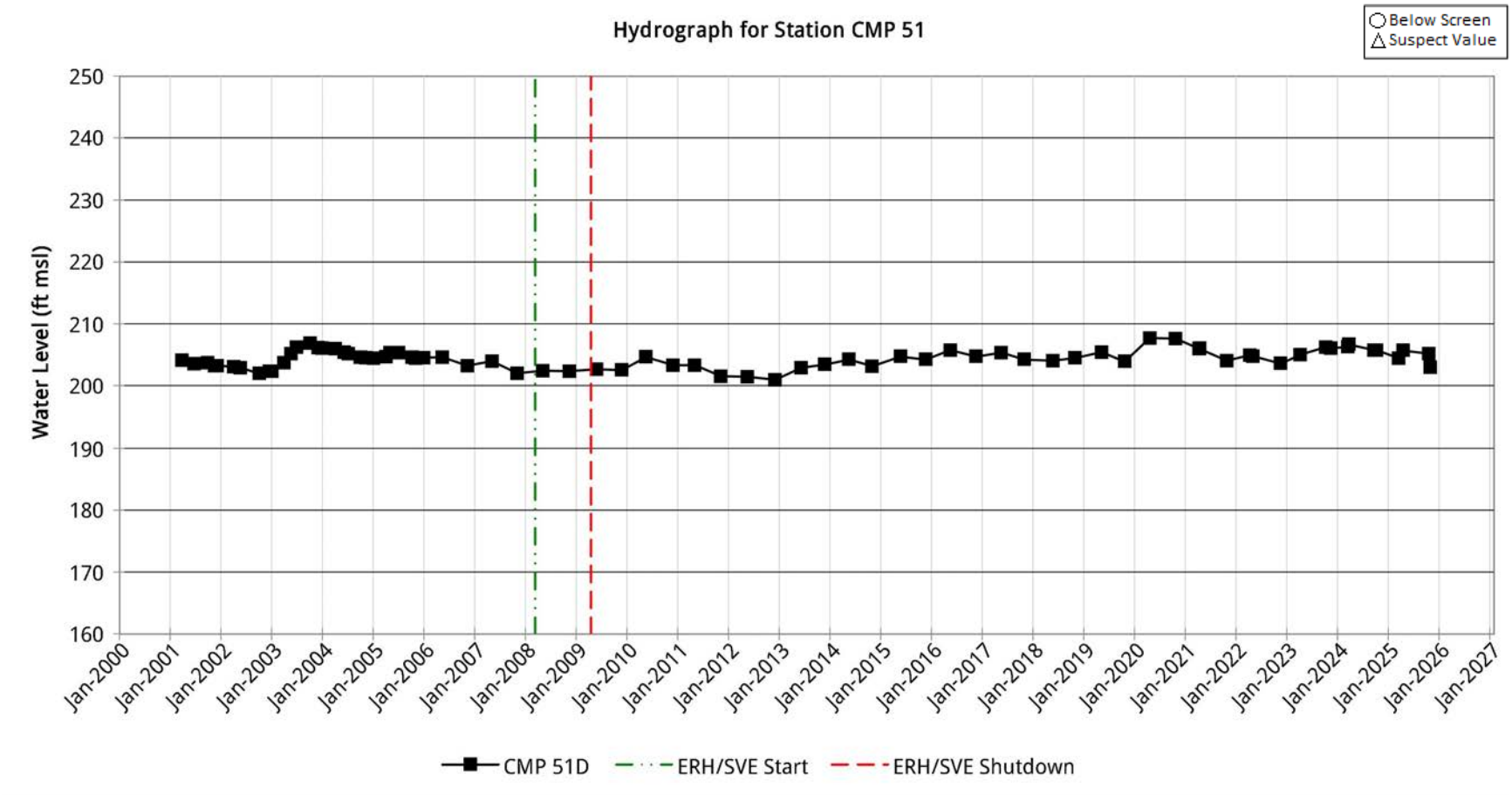

Hydrograph for Station CMP 45
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
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Jan-2021
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Jan-2025
Jan-2026
Jan-2027
CMP 45D
ERH/SVE Start
ERH/SVE Shutdown

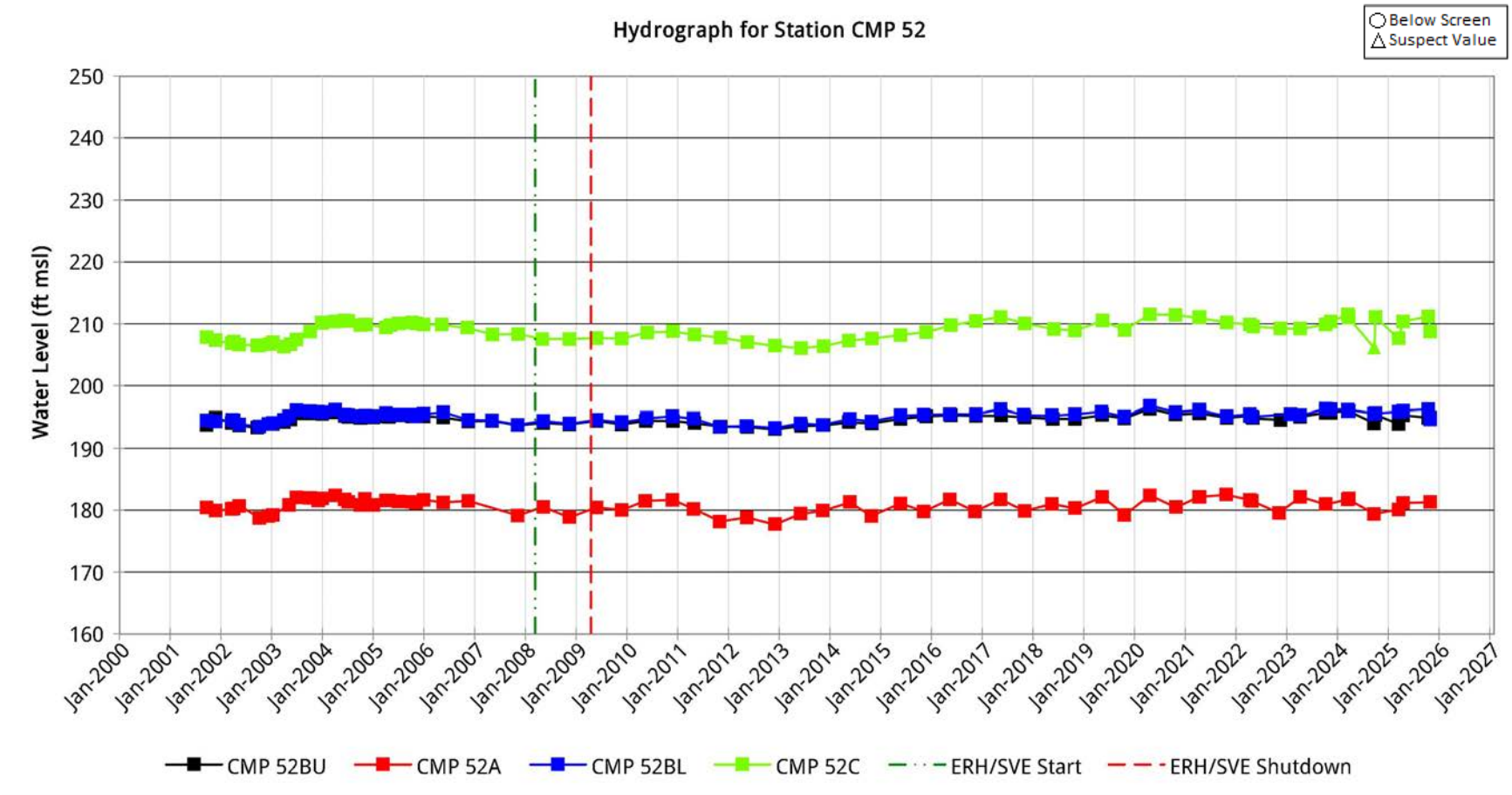

Hydrograph for Station CMP 46
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
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Jan-2021
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Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 46D
ERH/SVE Start
ERH/SVE Shutdown

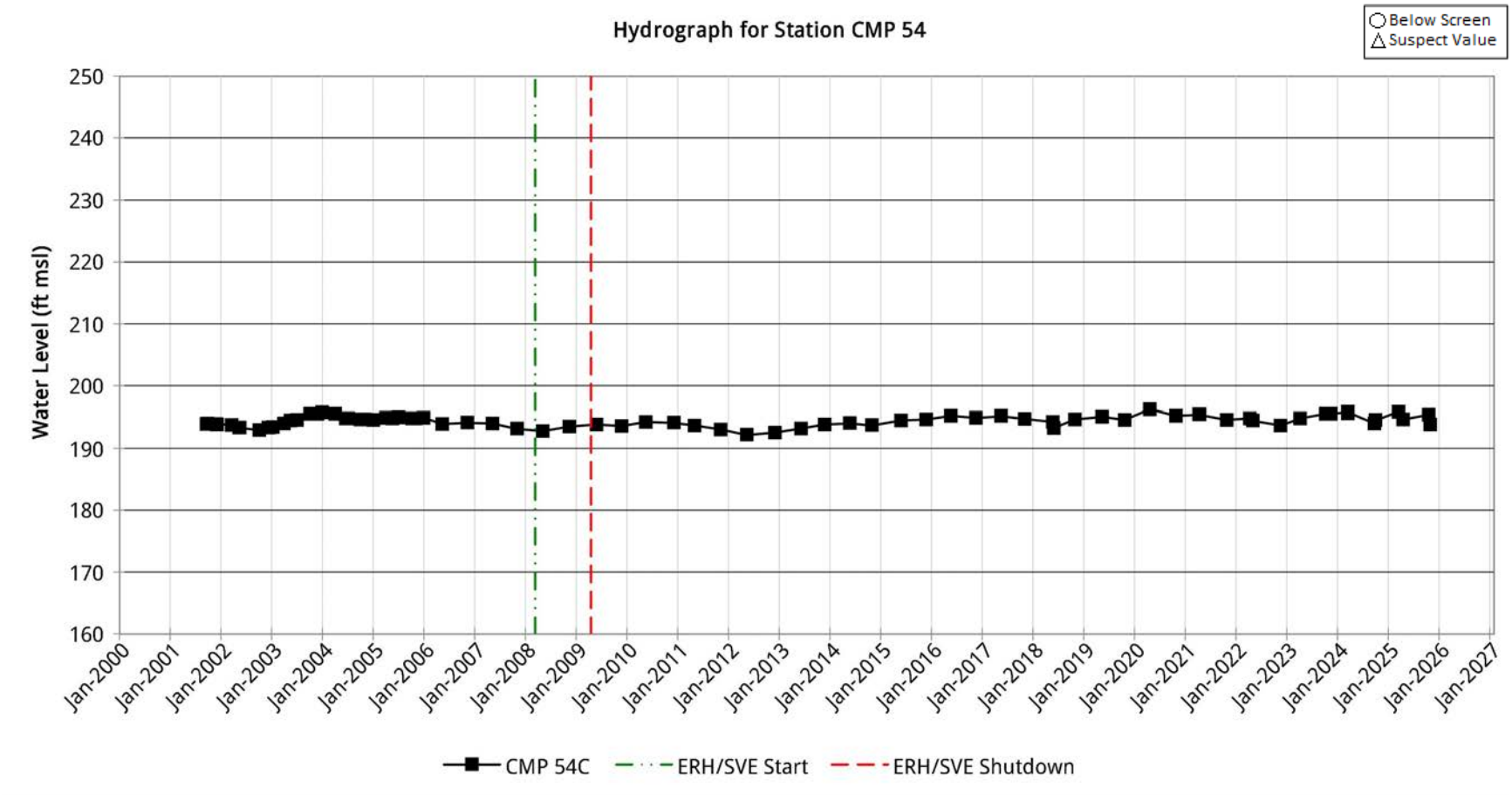

Hydrograph for Station CMP 47
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
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Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 47D
ERH/SVE Start
ERH/SVE Shutdown

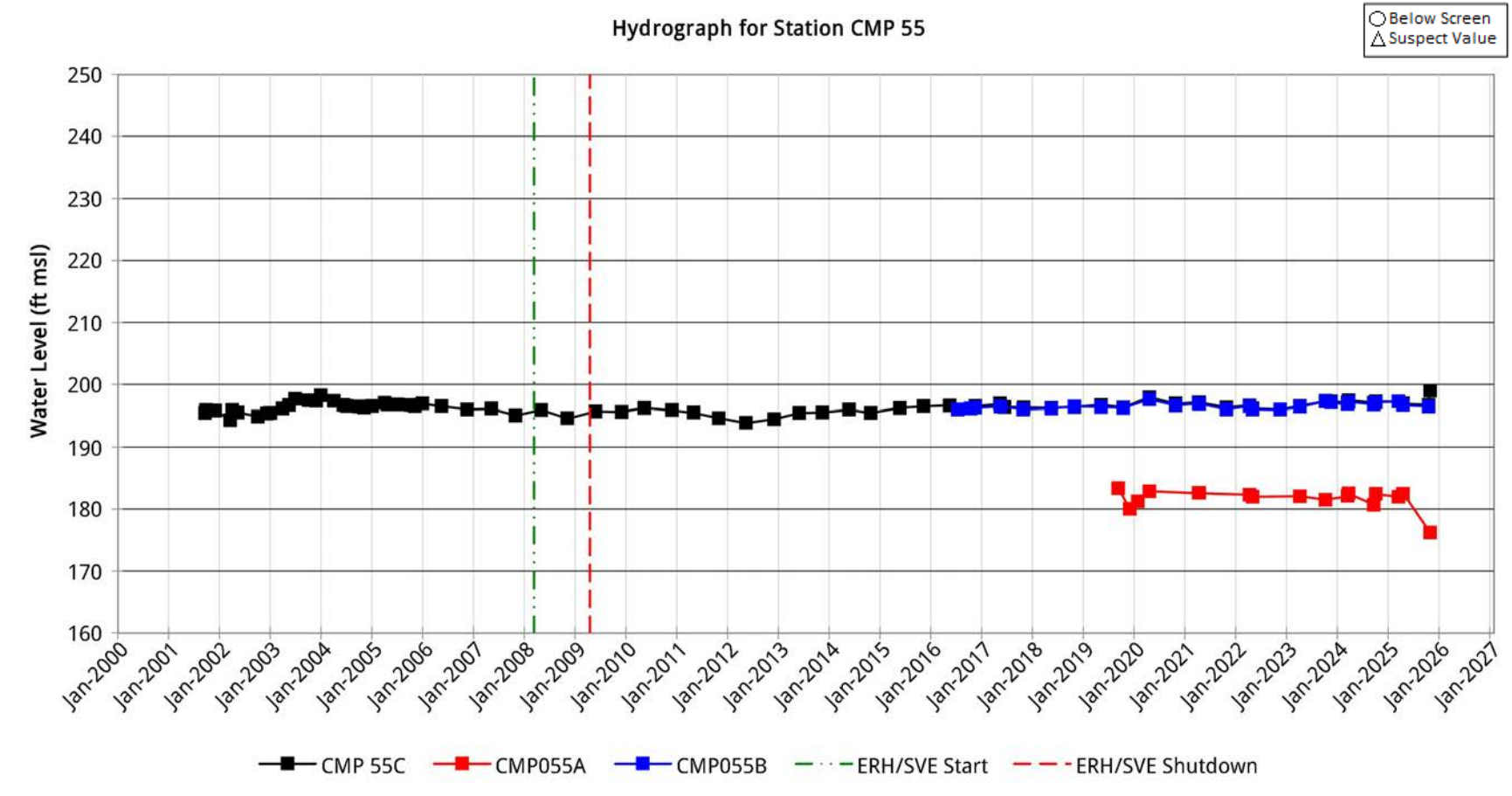

Hydrograph for Station CMP 48
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
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Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 48D
ERH/SVE Start
ERH/SVE Shutdown

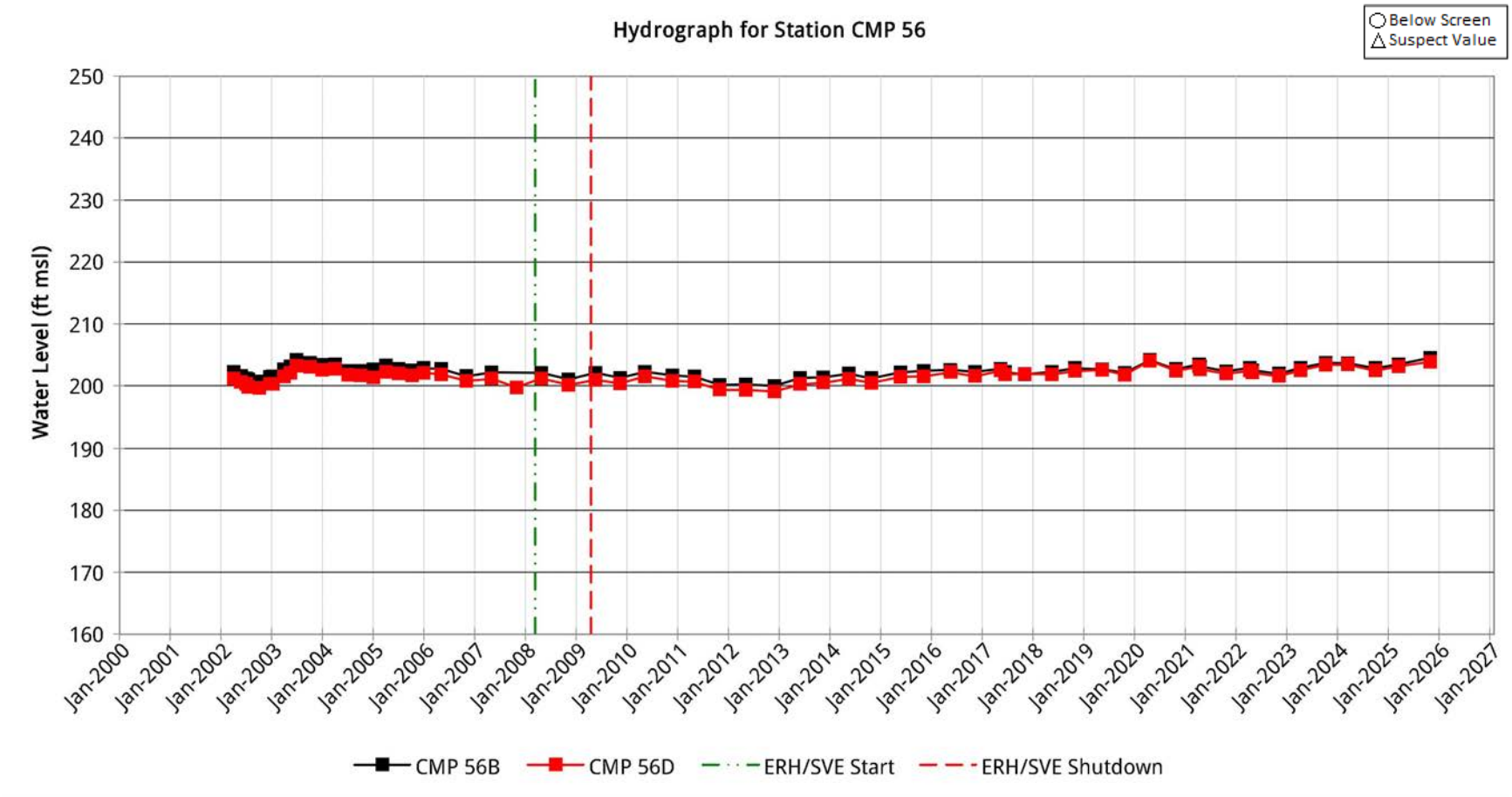

Hydrograph for Station CMP 50
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
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Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 50D
CMP 50B
CMP 50BR
ERH/SVE Start
ERH/SVE Shutdown

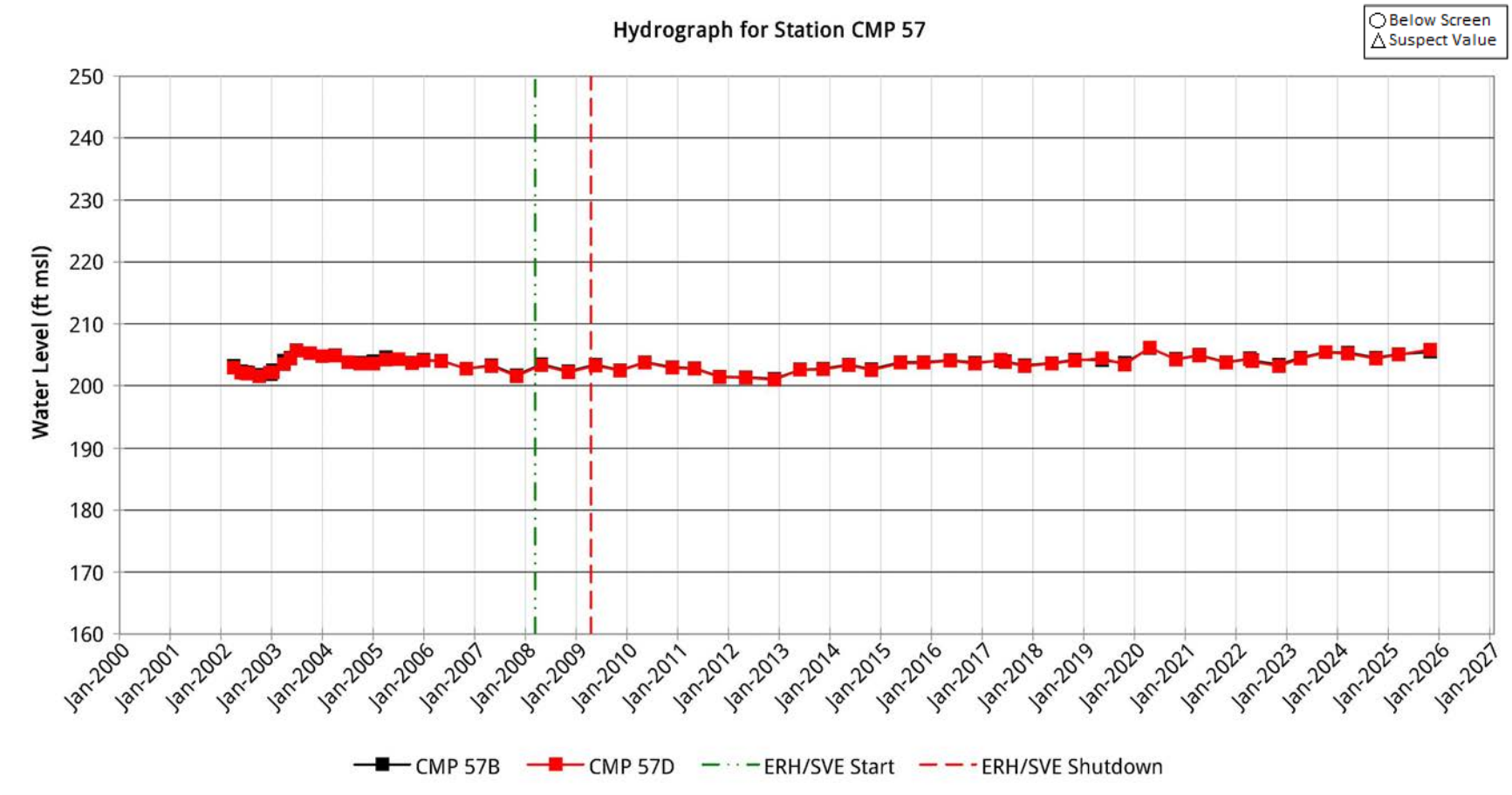

Hydrograph for Station CMP 51
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
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Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 51D
ERH/SVE Start
ERH/SVE Shutdown

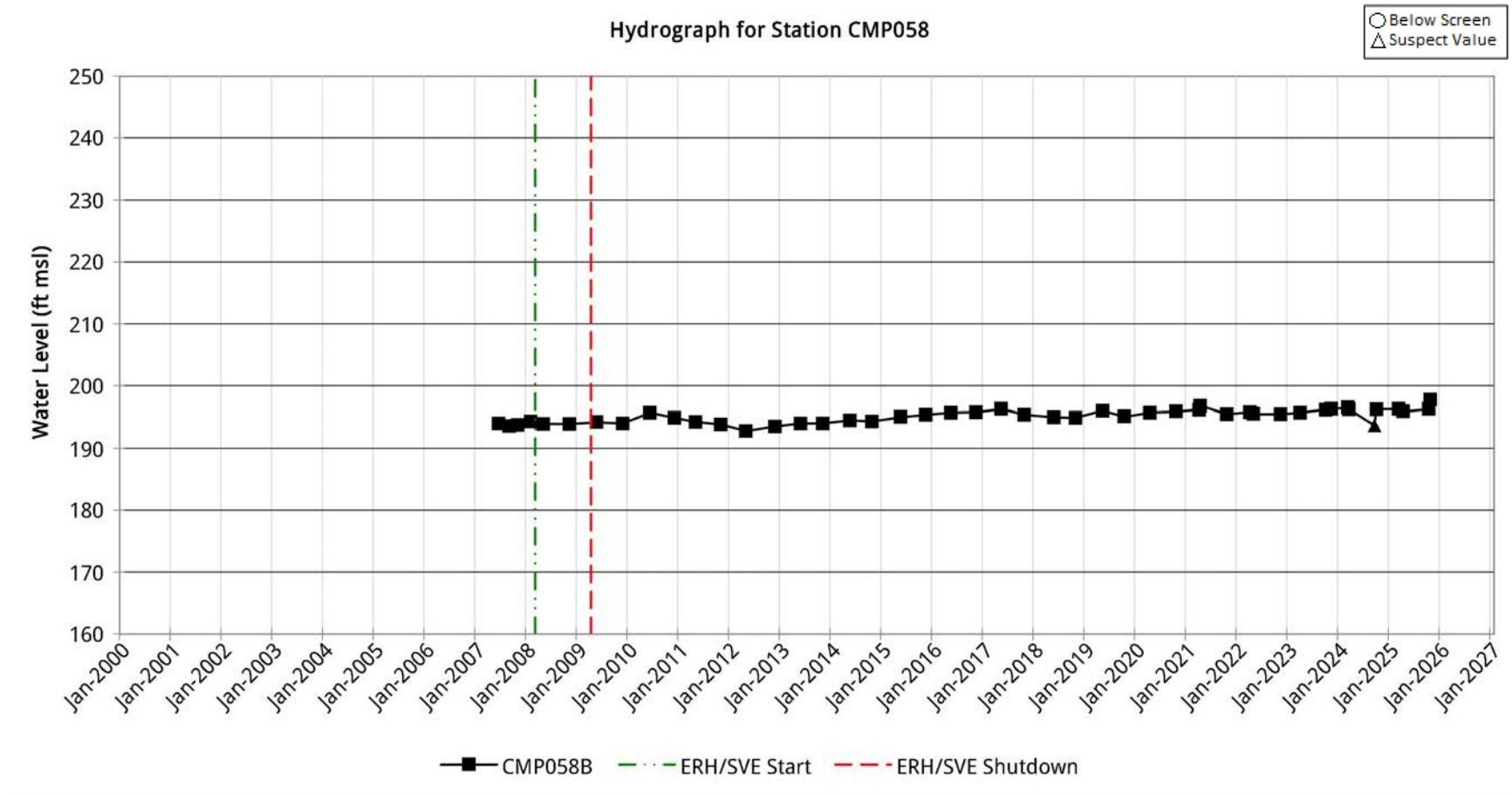

Hydrograph for Station CMP 52
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
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Jan-2021
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Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 52BU
CMP 52A
CMP 52BL
CMP 52C
ERH/SVE Start
ERH/SVE Shutdown

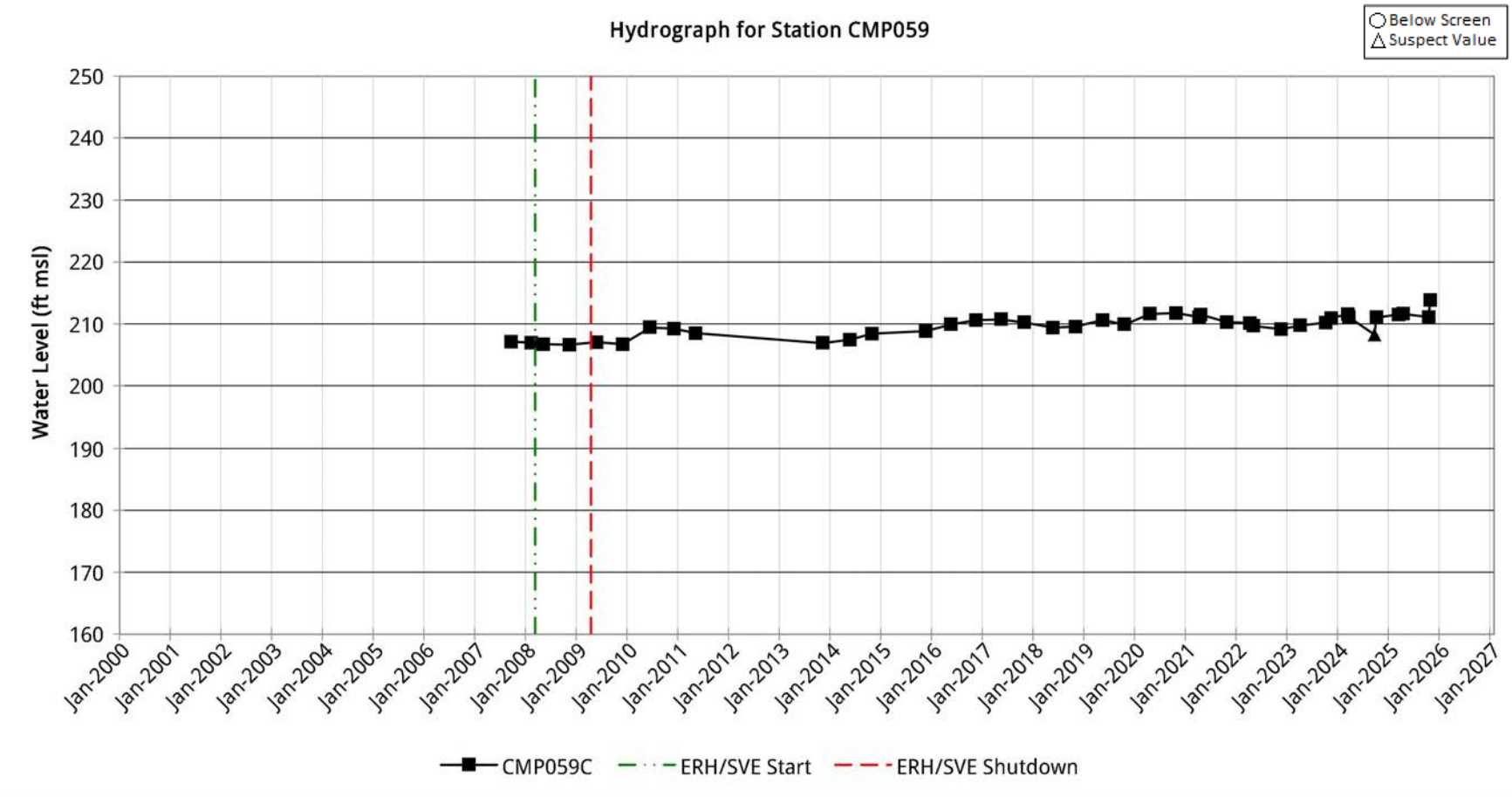

Hydrograph for Station CMP 54
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
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Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 54C
ERH/SVE Start
ERH/SVE Shutdown

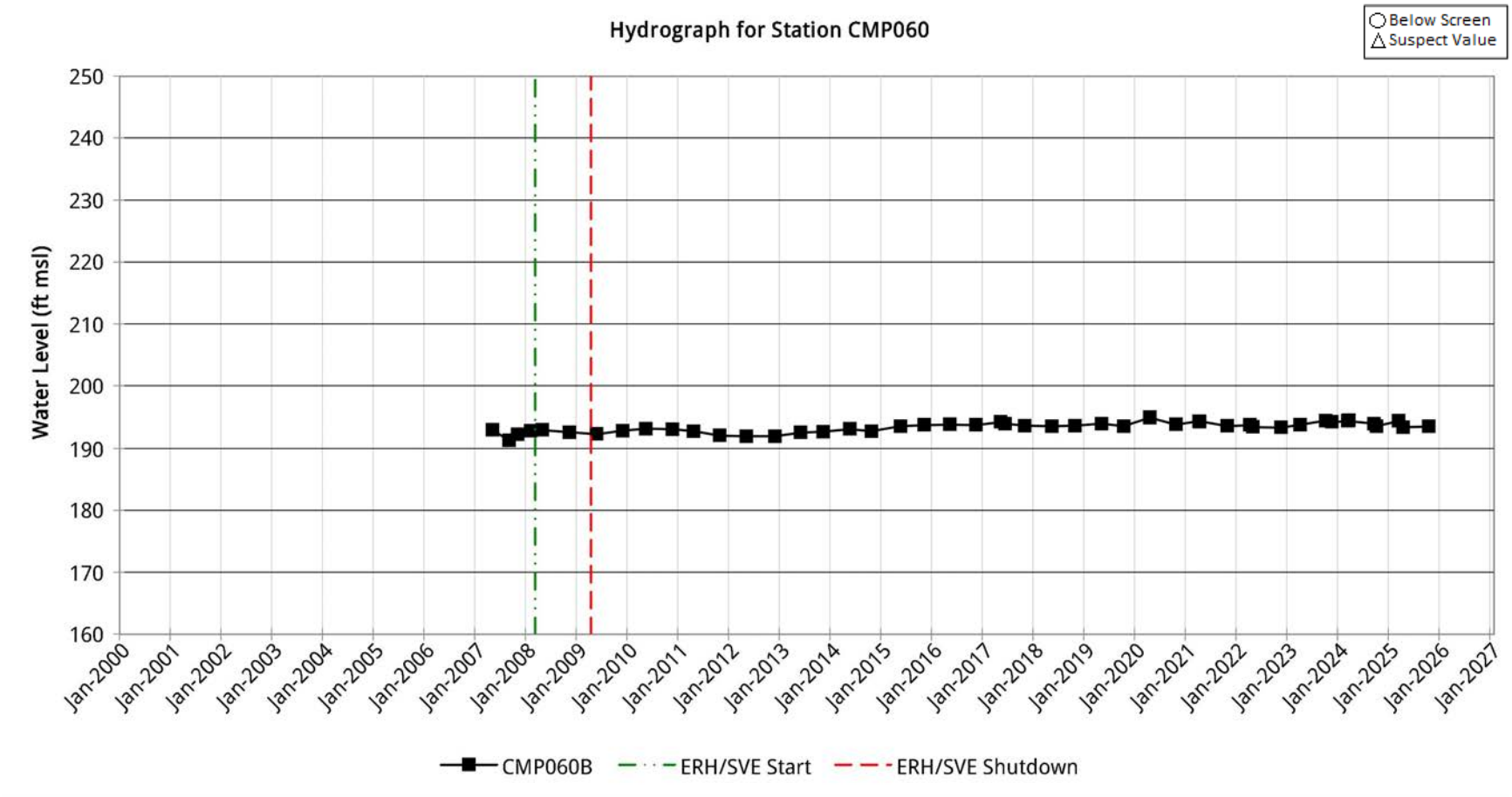

Hydrograph for Station CMP 55
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
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Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 55C
CMP055A
CMP055B
ERH/SVE Start
ERH/SVE Shutdown

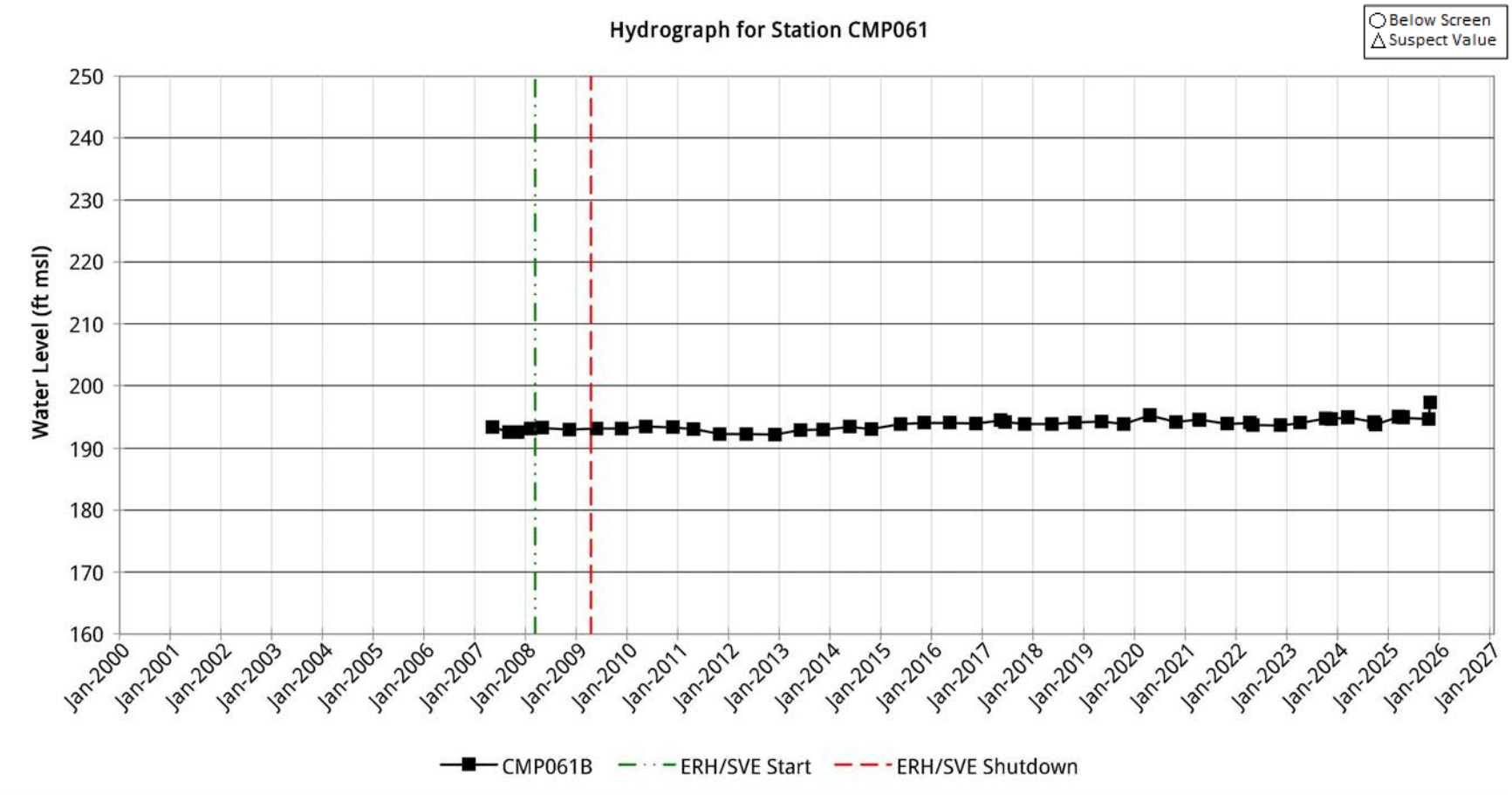

Hydrograph for Station CMP 56
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
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Jan-2025
Jan-2026
Jan-2027
CMP 56B
CMP 56D
ERH/SVE Start
ERH/SVE Shutdown

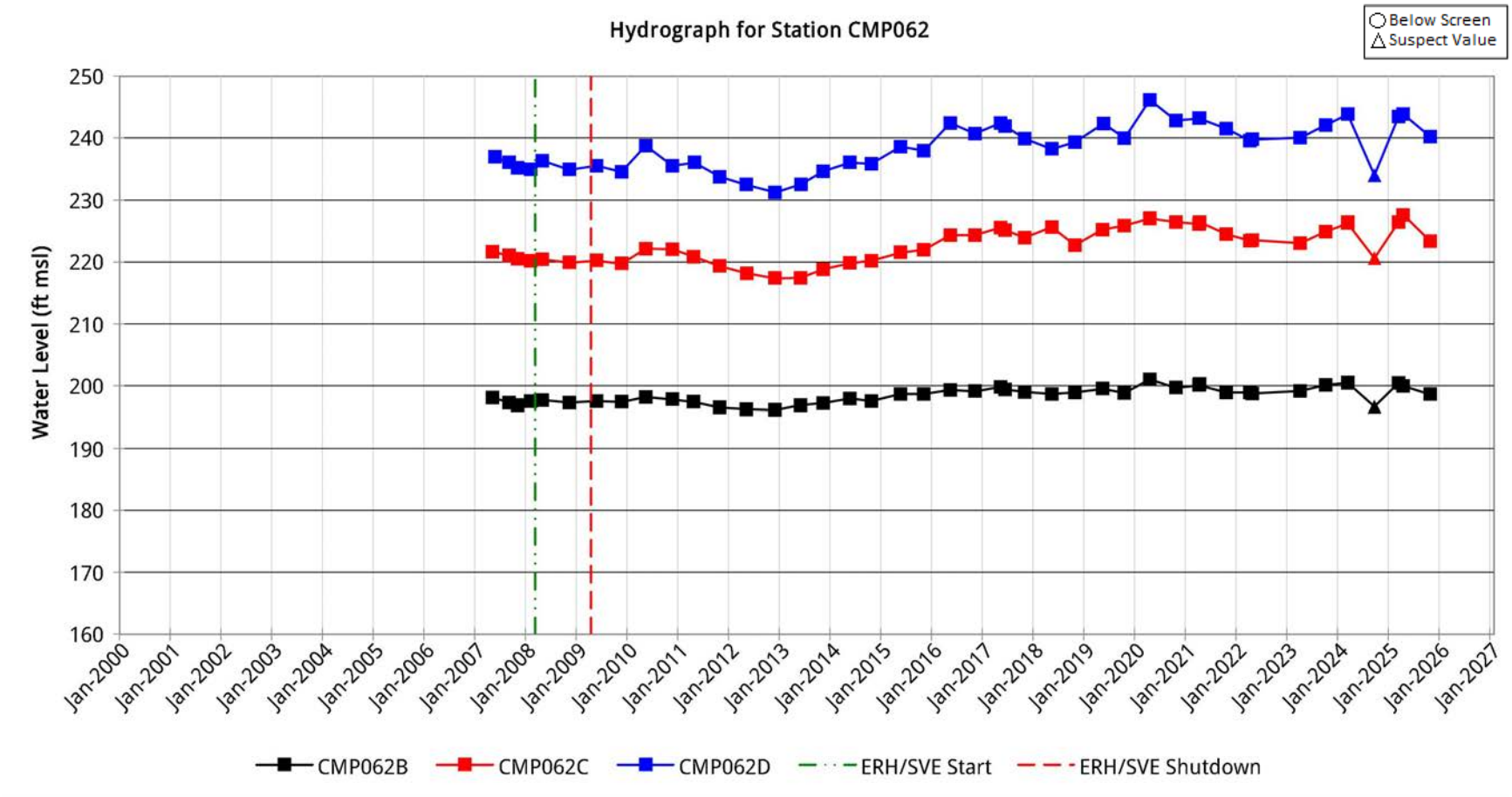

Hydrograph for Station CMP 57
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
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Jan-2023
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Jan-2025
Jan-2026
Jan-2027
CMP 57B
CMP 57D
ERH/SVE Start
ERH/SVE Shutdown

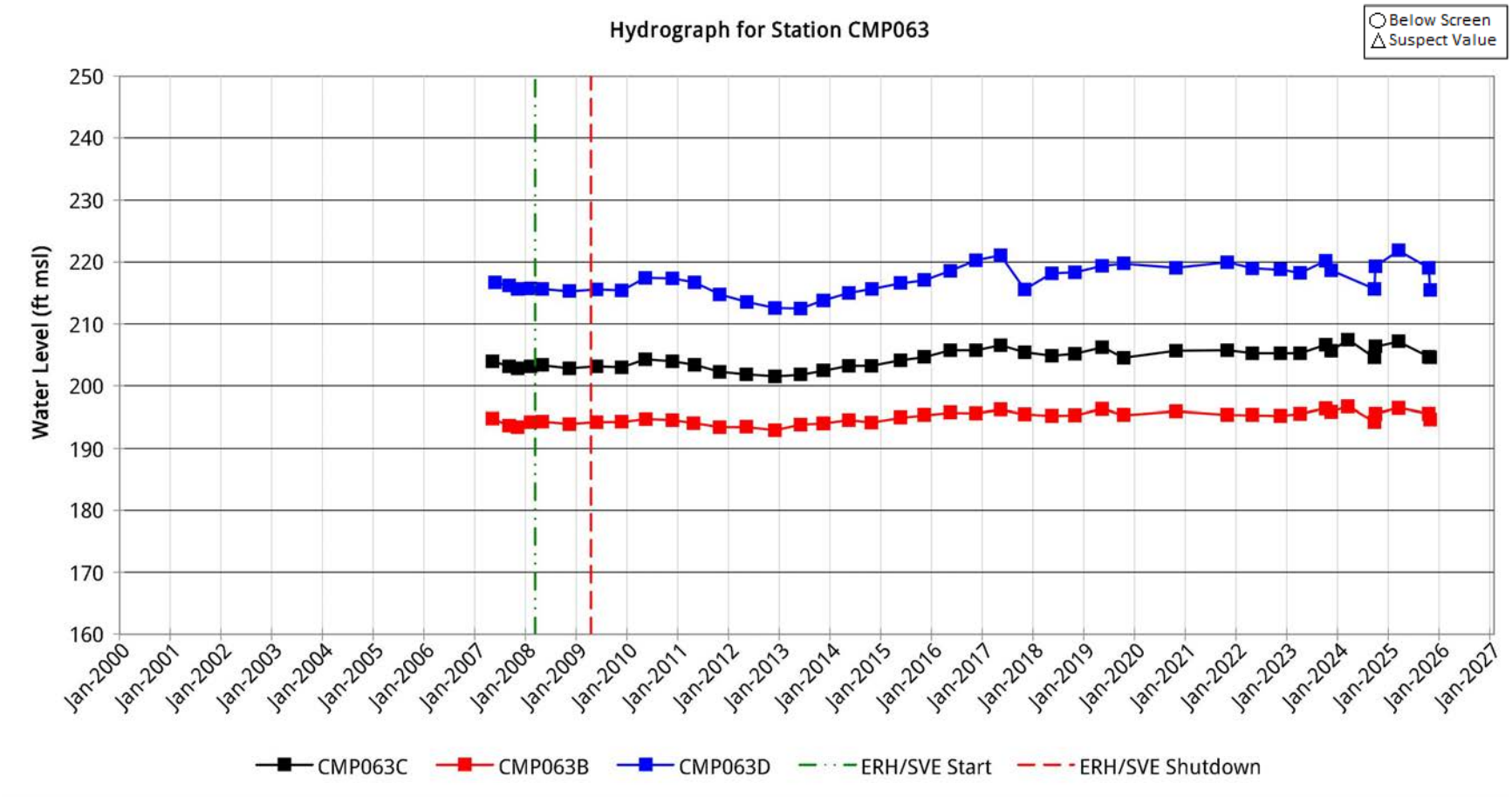

Hydrograph for Station CMP058
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
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Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP058B
ERH/SVE Start
ERH/SVE Shutdown

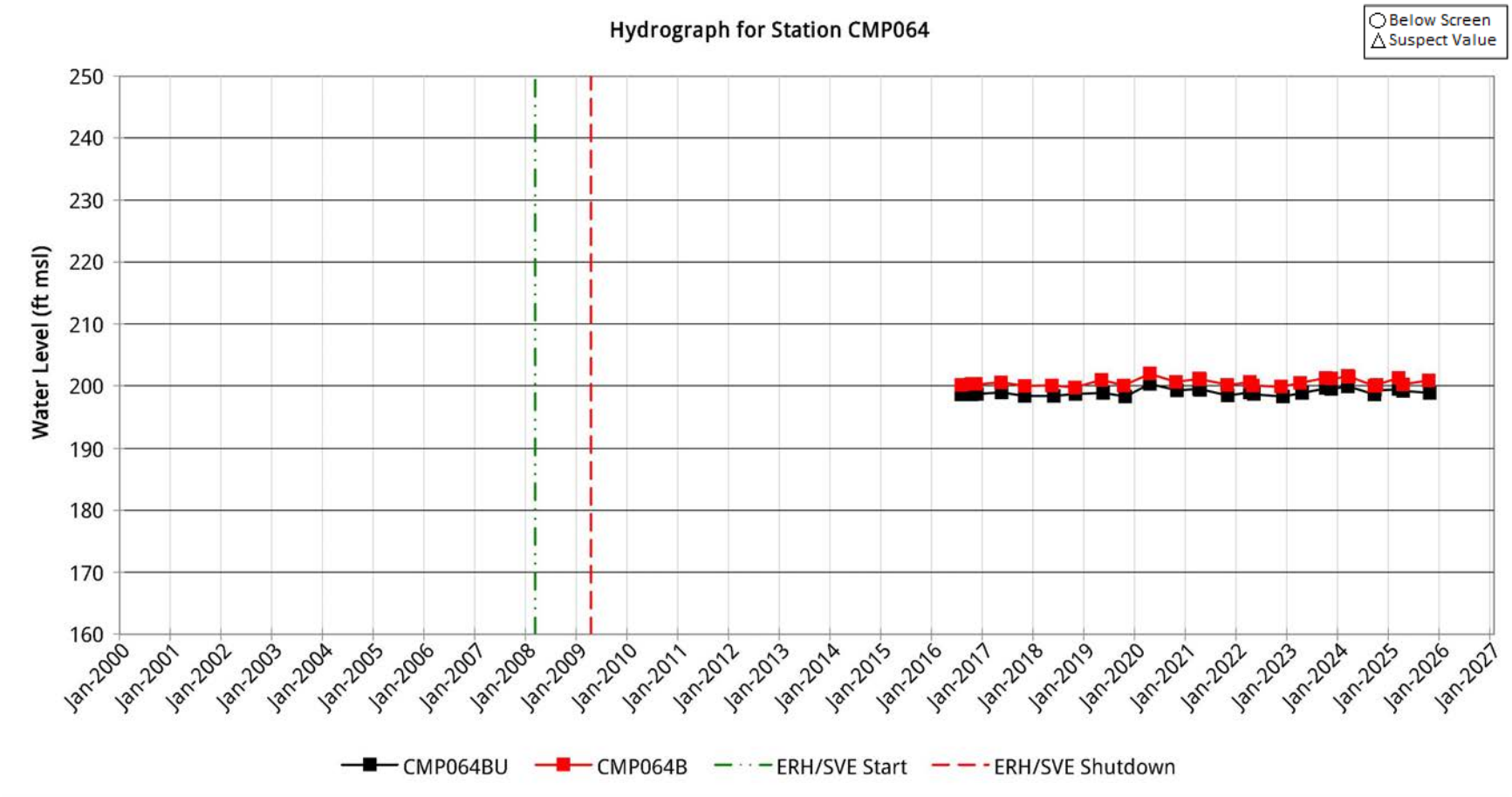

Hydrograph for Station CMP059
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
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Jan-2021
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Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP059C
ERH/SVE Start
ERH/SVE Shutdown

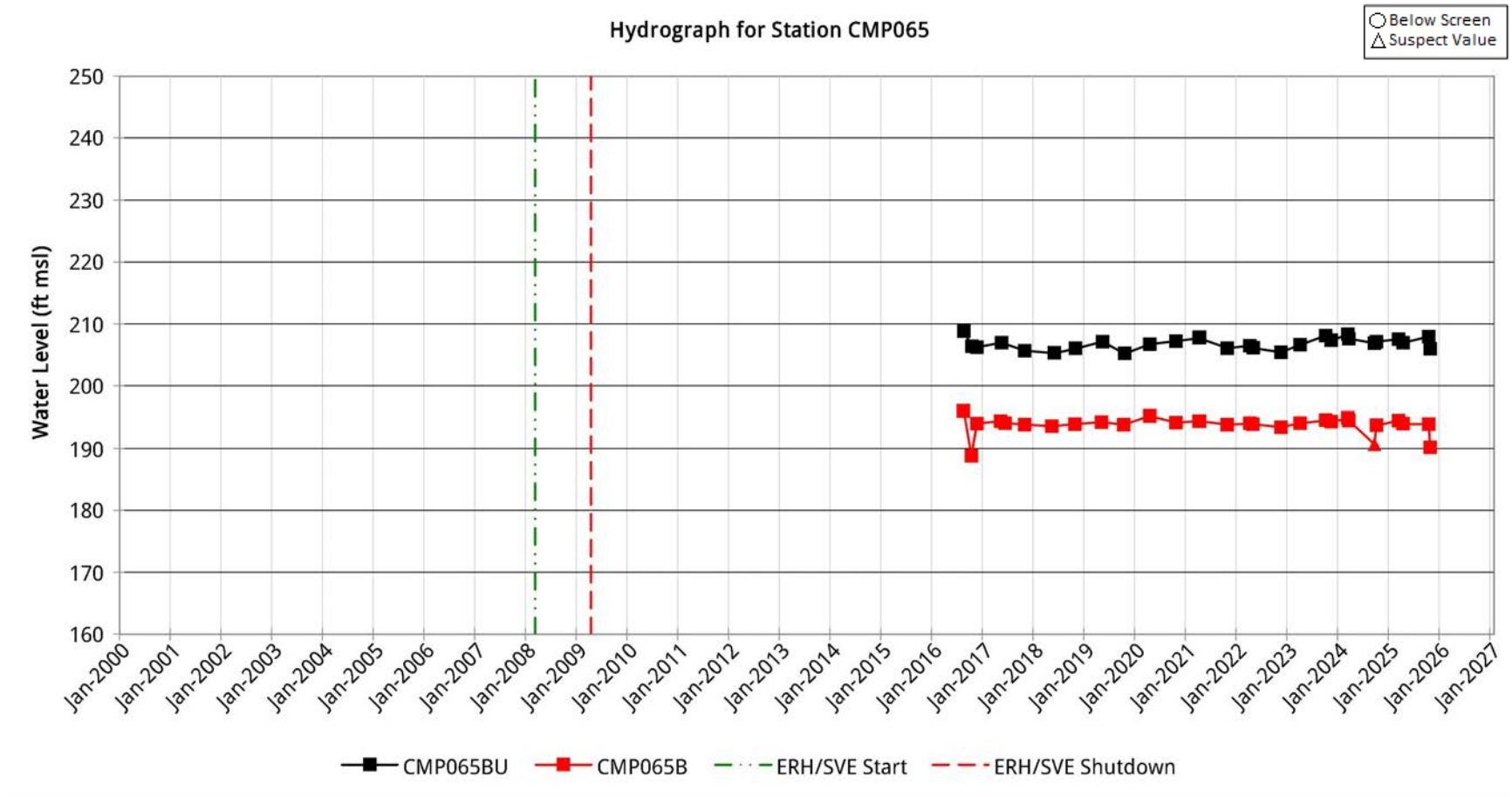

Hydrograph for Station CMP060
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
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Jan-2021
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Jan-2025
Jan-2026
Jan-2027
CMP060B
ERH/SVE Start
ERH/SVE Shutdown

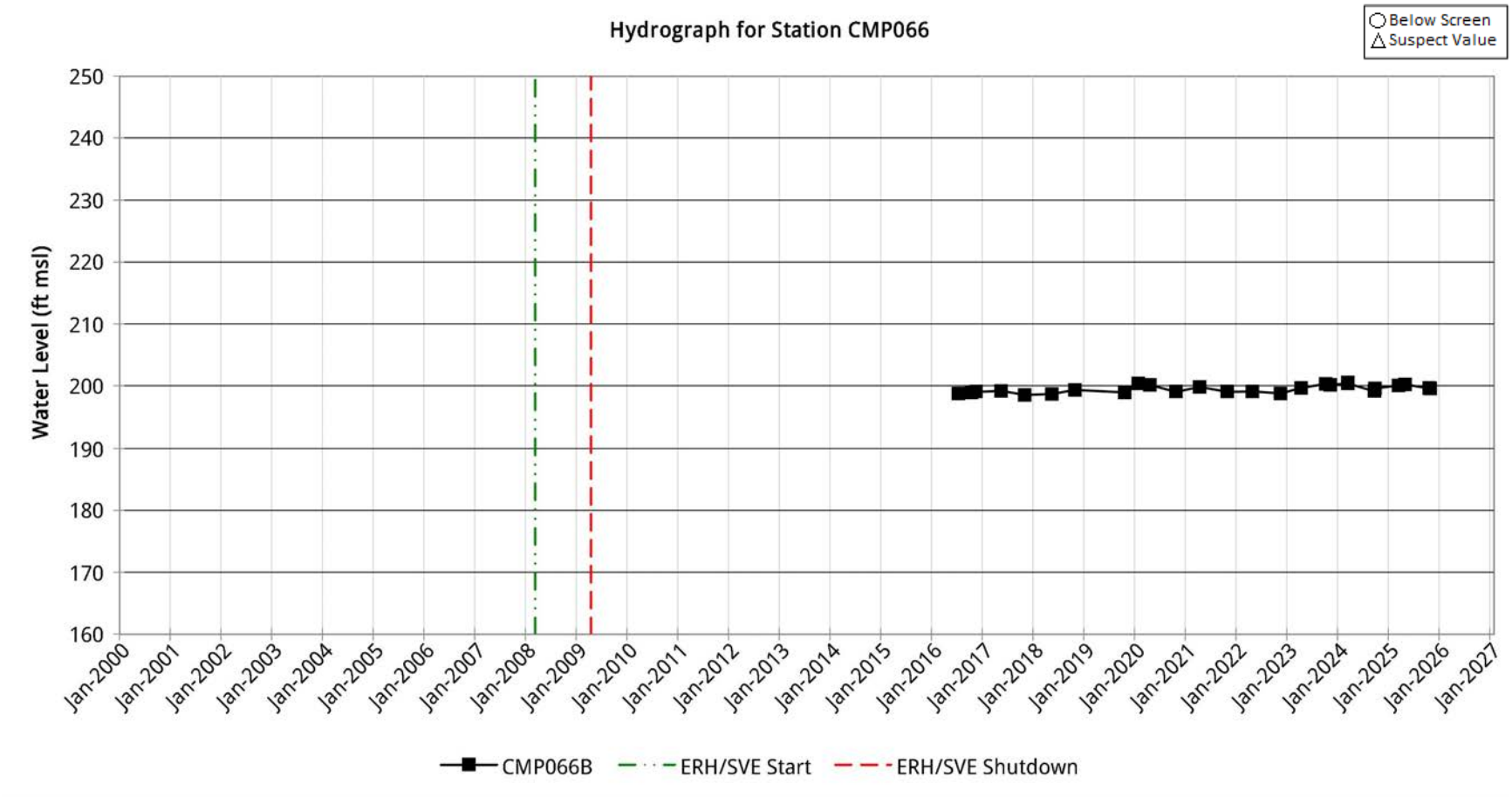

Hydrograph for Station CMP061
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
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Jan-2027
CMP061B
ERH/SVE Start
ERH/SVE Shutdown

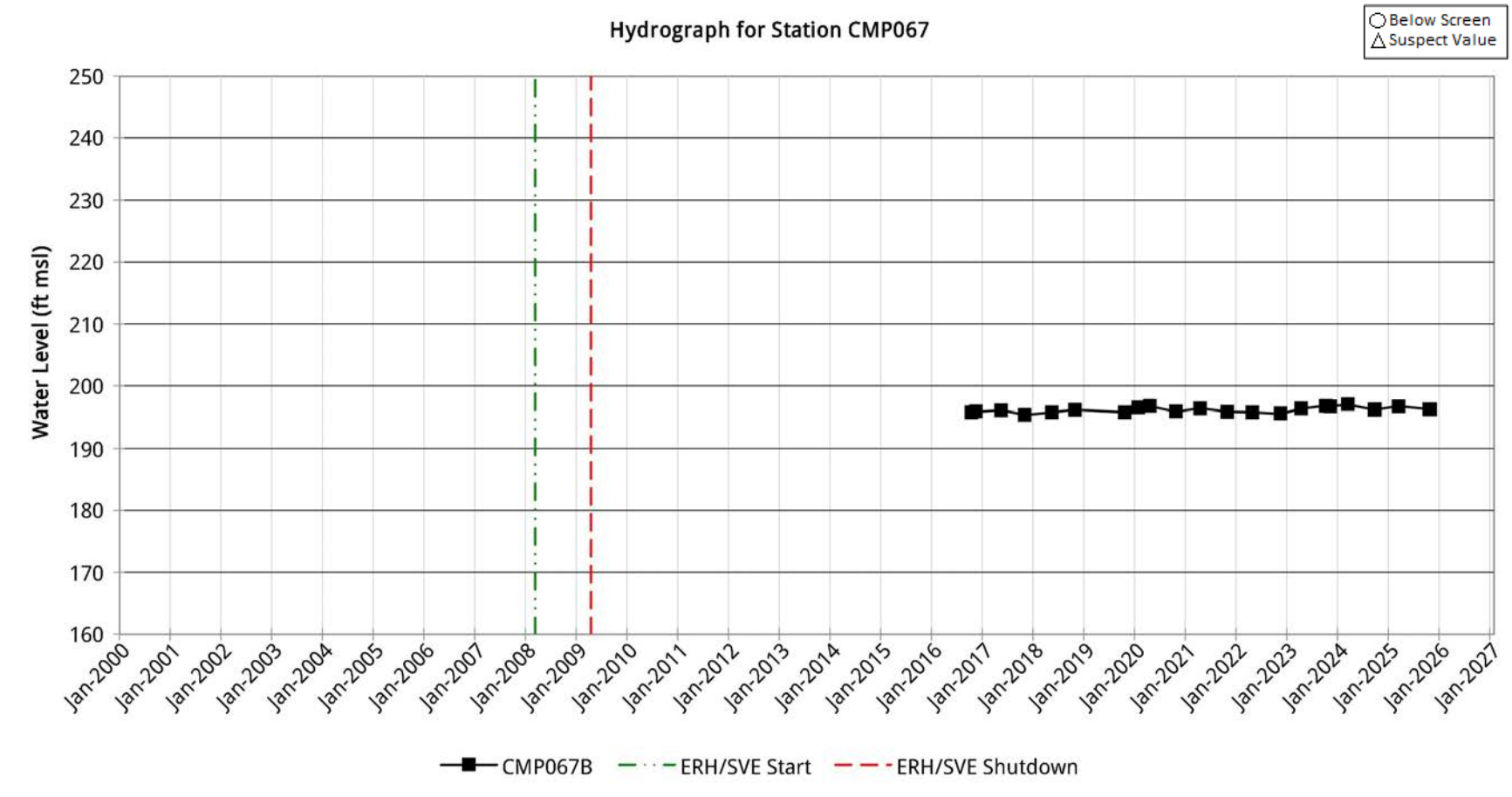

Hydrograph for Station CMP062
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
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Jan-2020
Jan-2021
Jan-2022
Jan-2023
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Jan-2027
CMP062B
CMP062C
CMP062D
ERH/SVE Start
ERH/SVE Shutdown

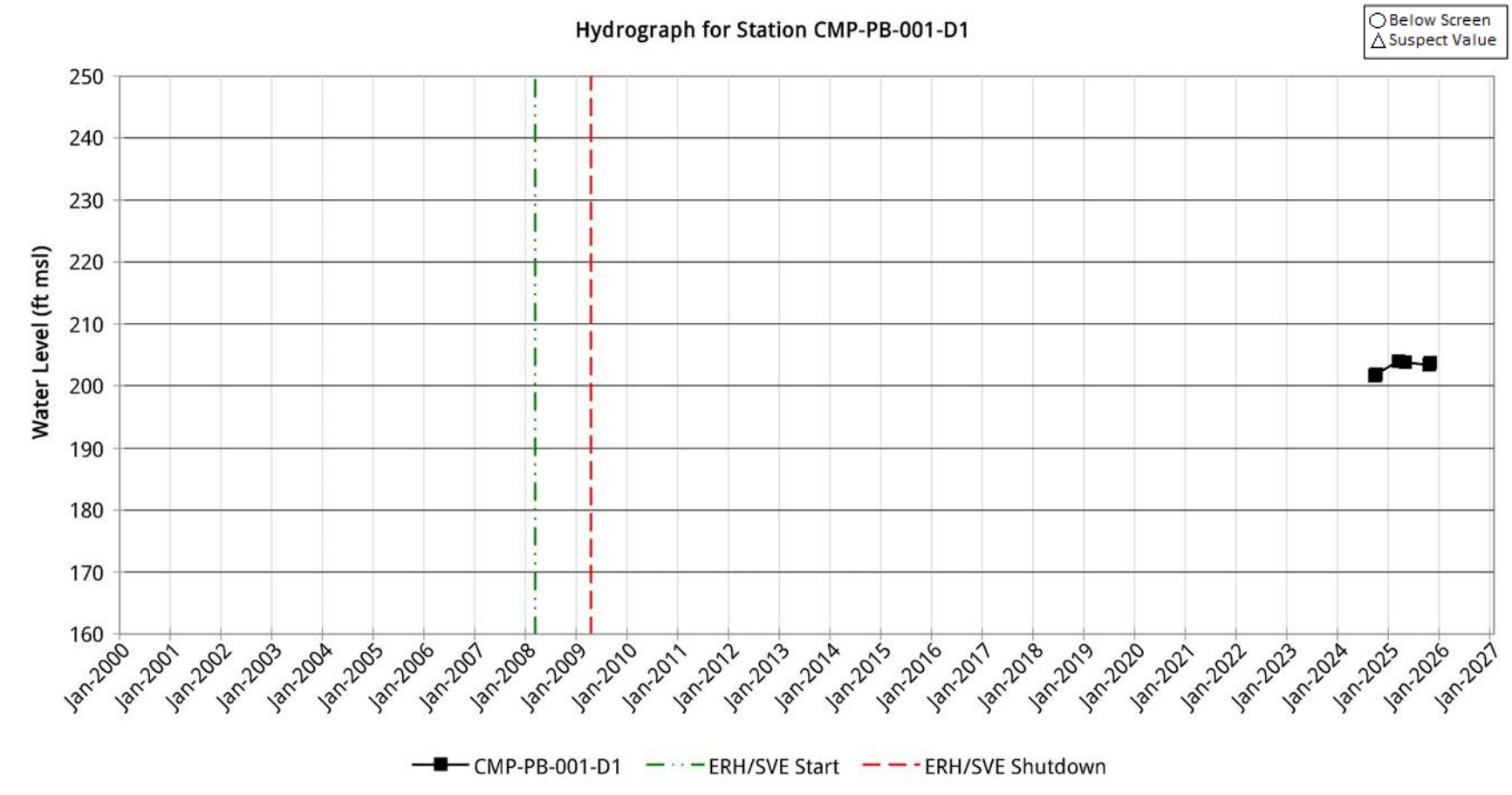

Hydrograph for Station CMP063
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
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Jan-2020
Jan-2021
Jan-2022
Jan-2023
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Jan-2026
Jan-2027
CMP063C
CMP063B
CMP063D
ERH/SVE Start
ERH/SVE Shutdown

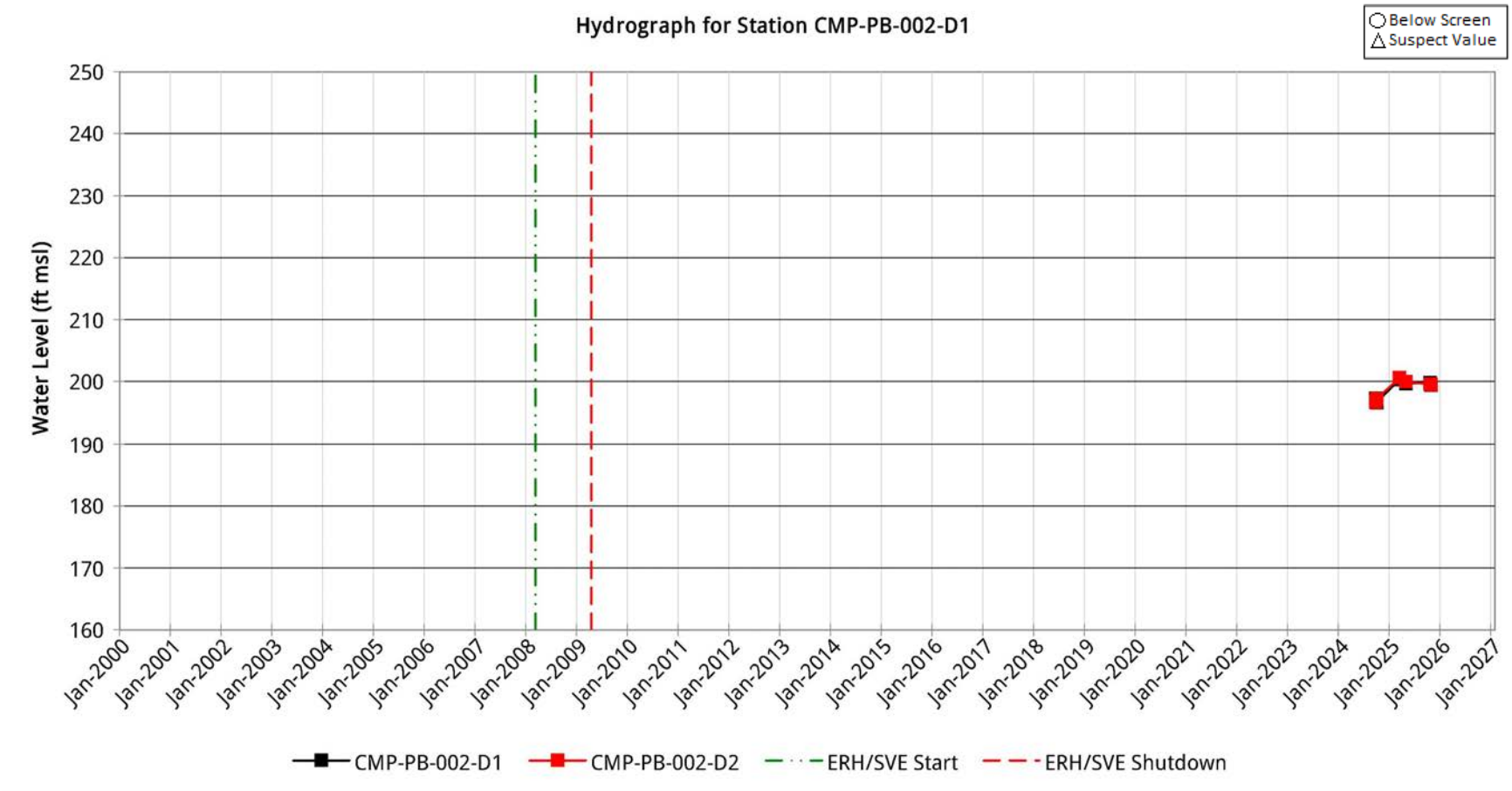

Hydrograph for Station CMP064
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
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Jan-2021
Jan-2022
Jan-2023
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Jan-2025
Jan-2026
Jan-2027
CMP064BU
CMP064B
ERH/SVE Start
ERH/SVE Shutdown

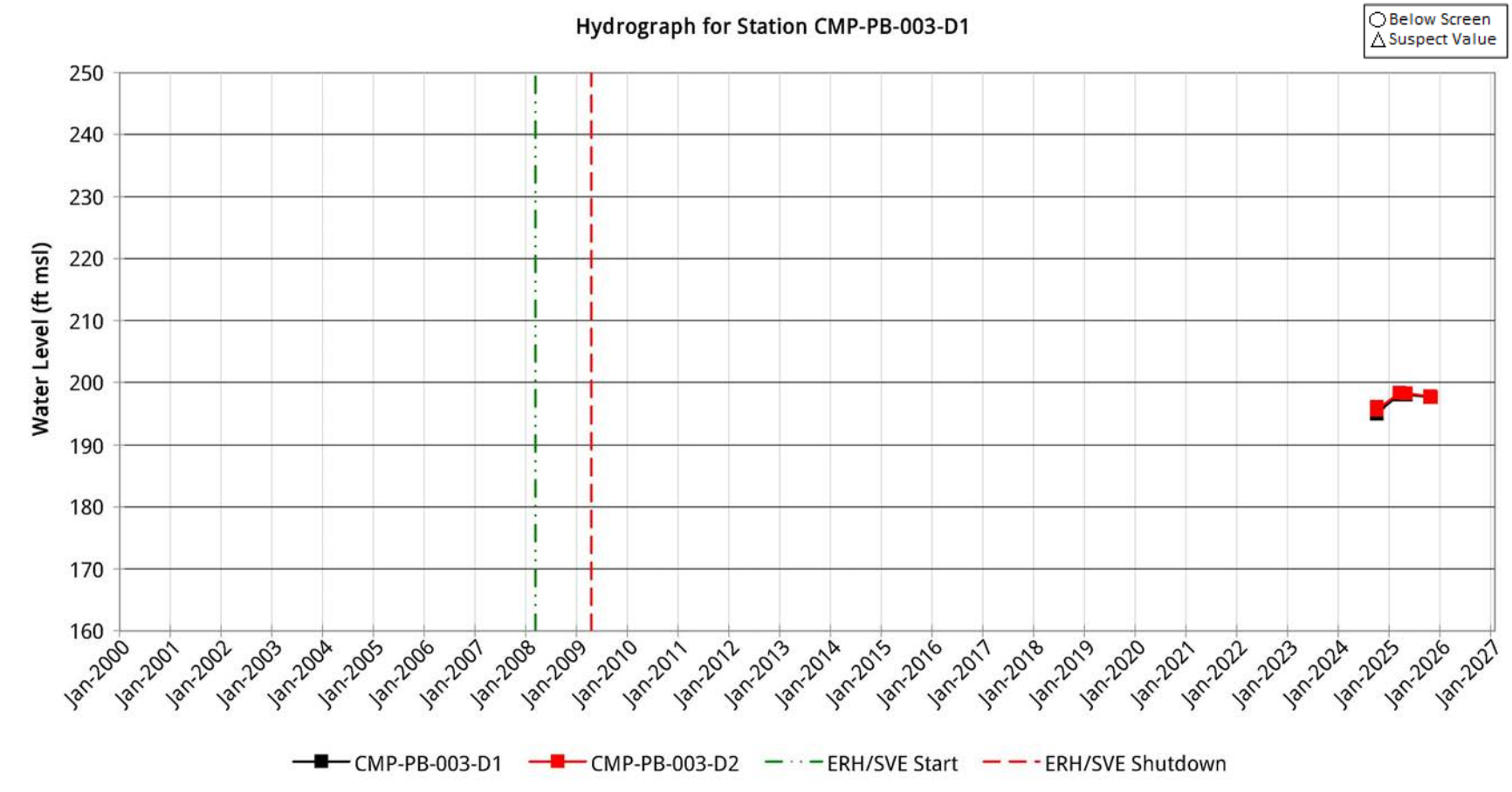

Hydrograph for Station CMP065
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
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Jan-2020
Jan-2021
Jan-2022
Jan-2023
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Jan-2025
Jan-2026
Jan-2027
CMP065BU
CMP065B
ERH/SVE Start
ERH/SVE Shutdown

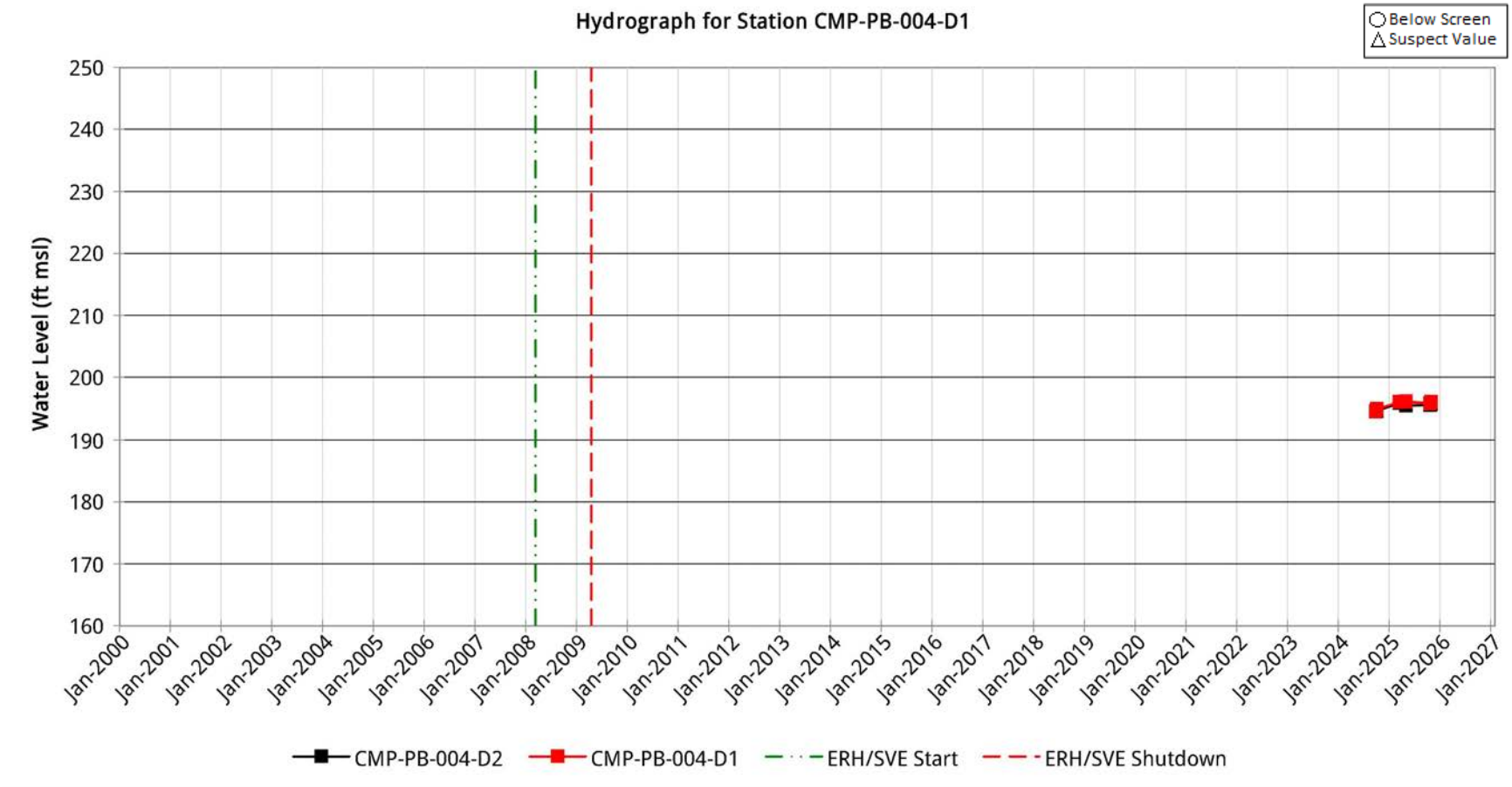

Hydrograph for Station CMP066
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
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Jan-2021
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Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP066B
ERH/SVE Start
ERH/SVE Shutdown

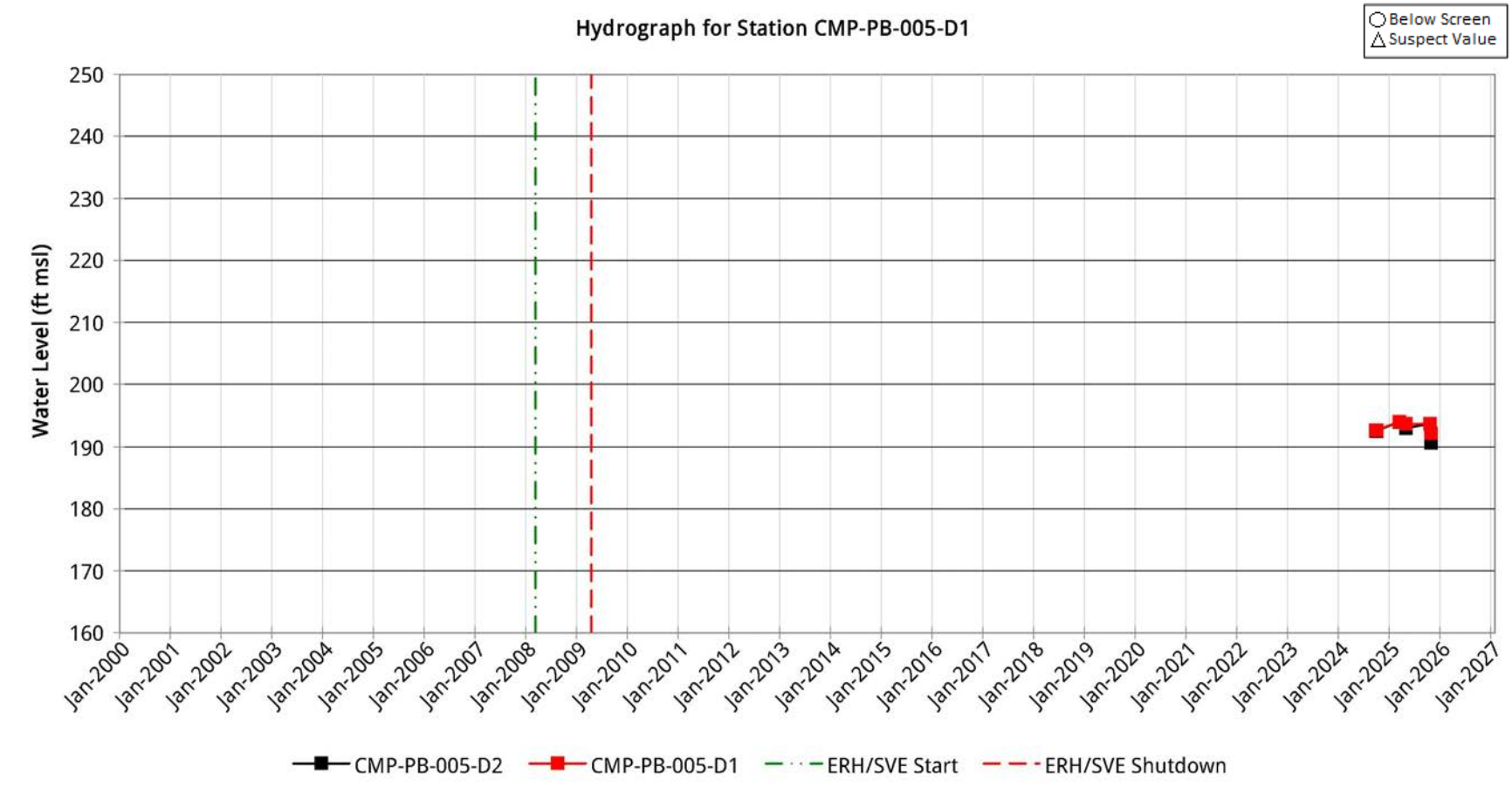

Hydrograph for Station CMP067
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
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Jan-2011
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Jan-2021
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Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP067B
ERH/SVE Start
ERH/SVE Shutdown

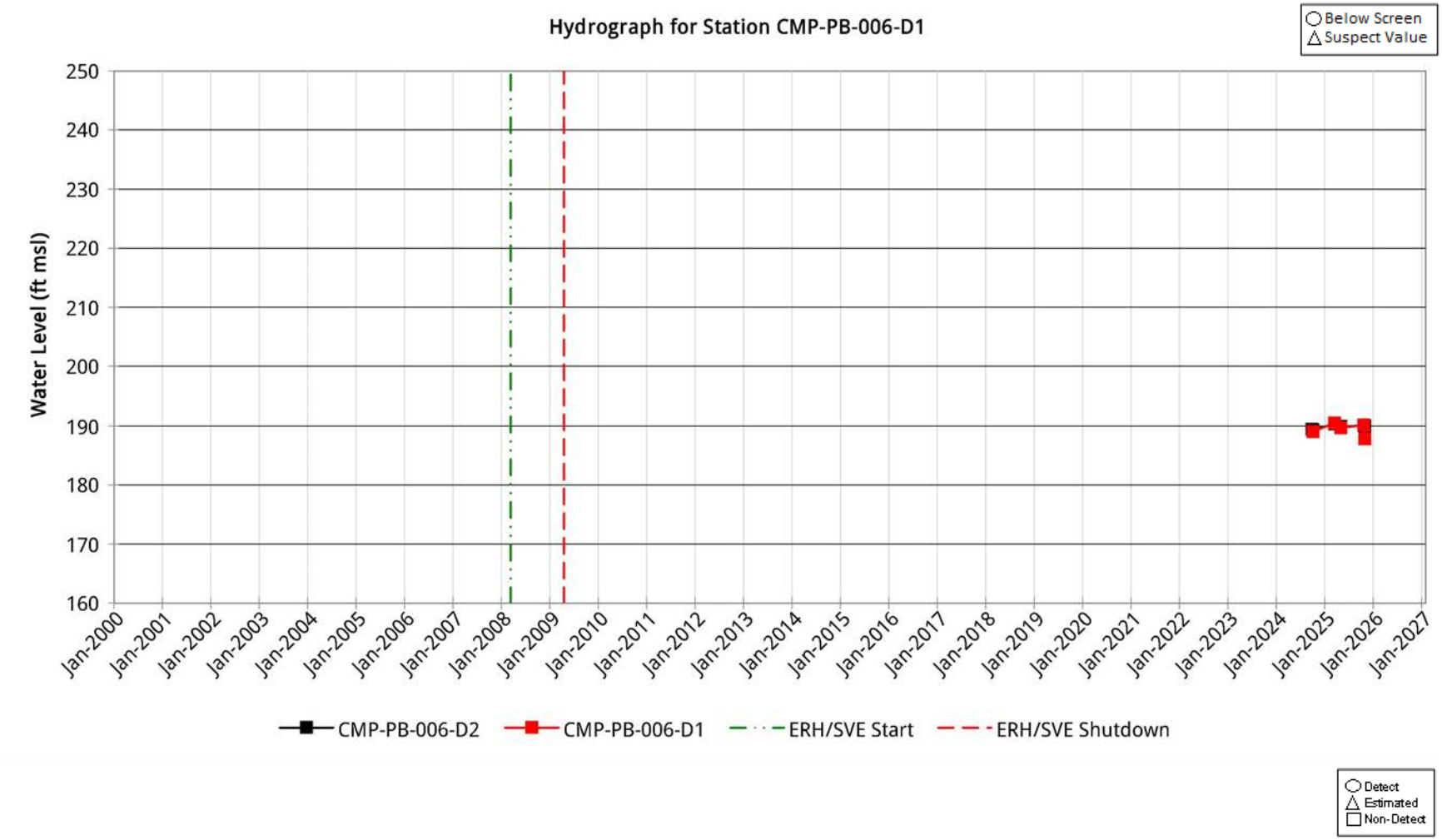

Hydrograph for Station CMP-PB-001-D1
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
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Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-001-D1
ERH/SVE Start
ERH/SVE Shutdown


Hydrograph for Station CMP-PB-002-D1
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
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Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-002-D1
CMP-PB-002-D2
ERH/SVE Start
ERH/SVE Shutdown


Hydrograph for Station CMP-PB-003-D1
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
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Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
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Jan-2011
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Jan-2021
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Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-003-D1
CMP-PB-003-D2
ERH/SVE Start
ERH/SVE Shutdown


Hydrograph for Station CMP-PB-004-D1
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
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Jan-2004
Jan-2005
Jan-2006
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Jan-2008
Jan-2009
Jan-2010
Jan-2011
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Jan-2024
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Jan-2027
CMP-PB-004-D2
CMP-PB-004-D1
ERH/SVE Start
ERH/SVE Shutdown

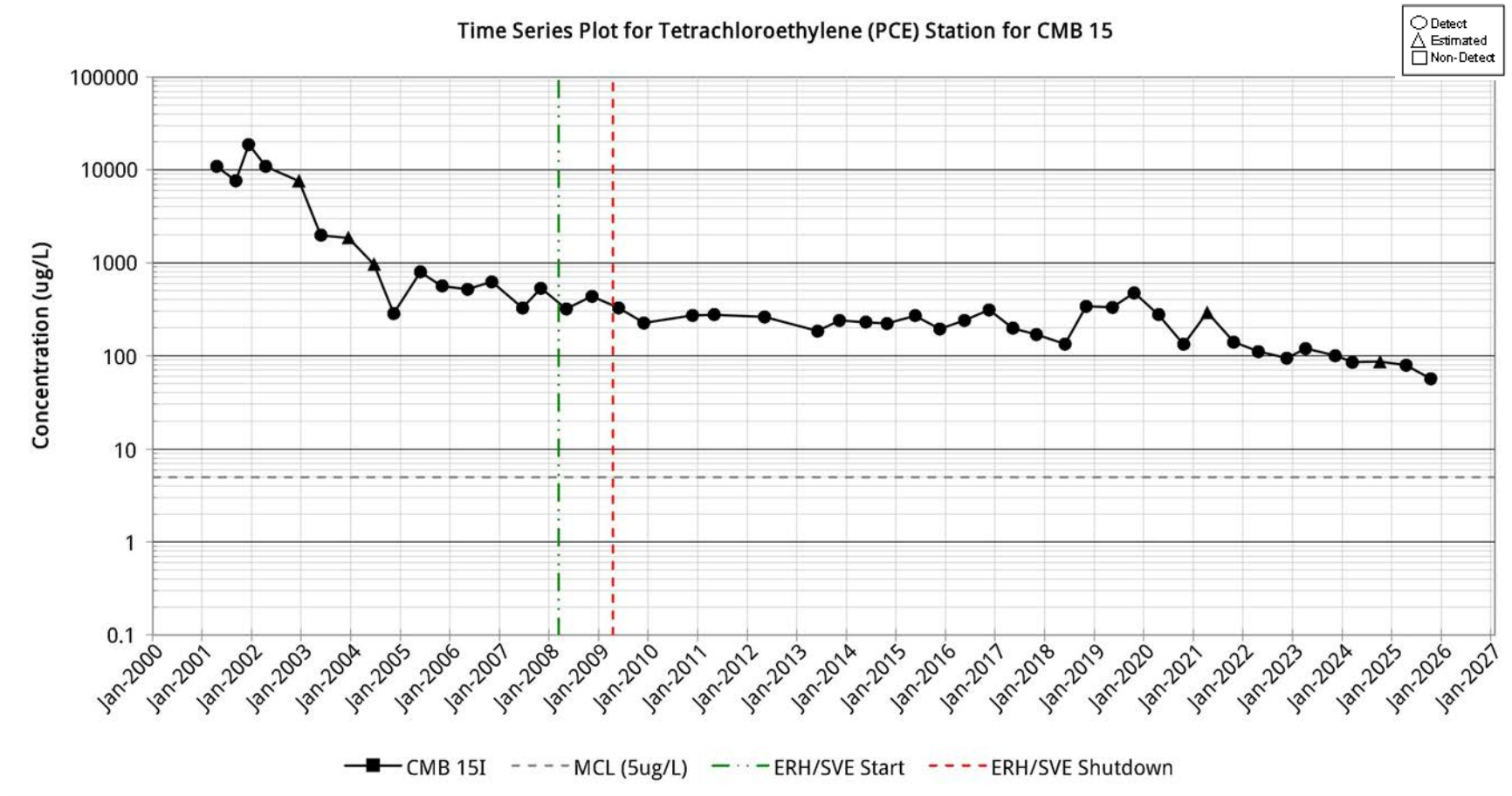

Hydrograph for Station CMP-PB-005-D1
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
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Jan-2011
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Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-005-D2
CMP-PB-005-D1
ERH/SVE Start
ERH/SVE Shutdown

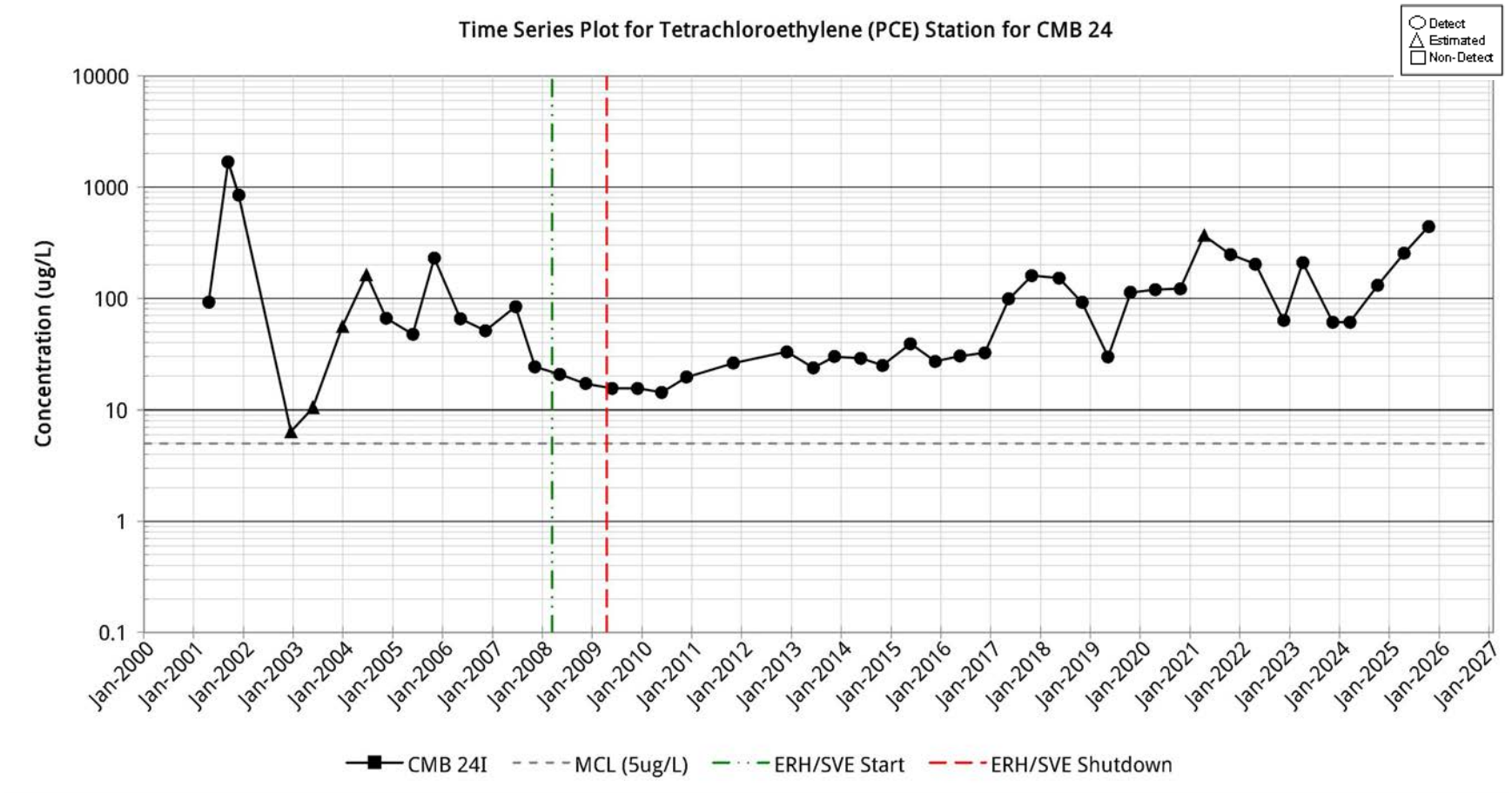

Hydrograph for Station CMP-PB-006-D1
Below Screen
Suspect Value
Water Level (ft msl)
250
240
230
220
210
200
190
180
170
160
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-006-D2
CMP-PB-006-D1
ERH/SVE Start
ERH/SVE Shutdown
Detect
Estimated
Non-Detect

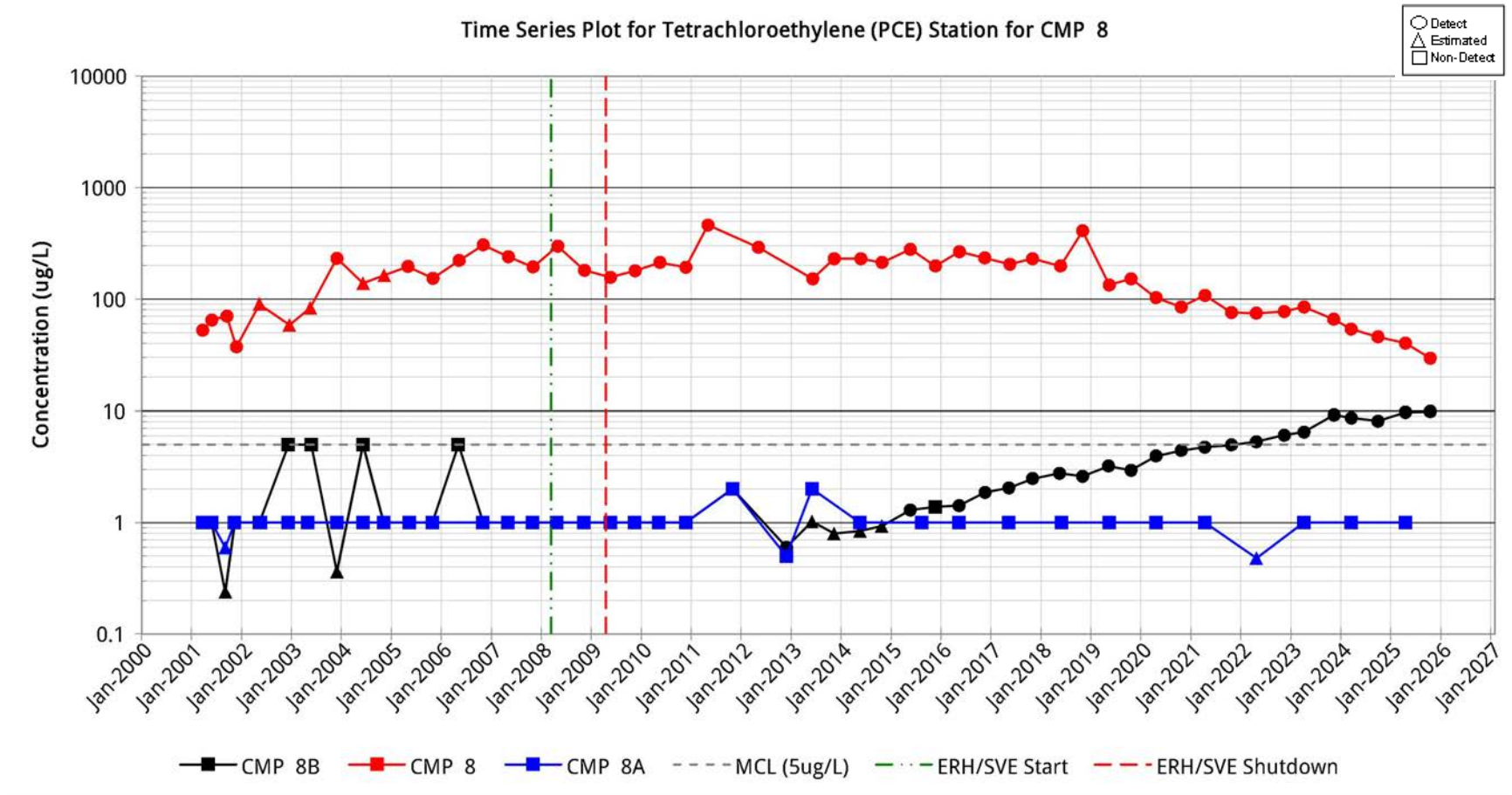
# Appendix B

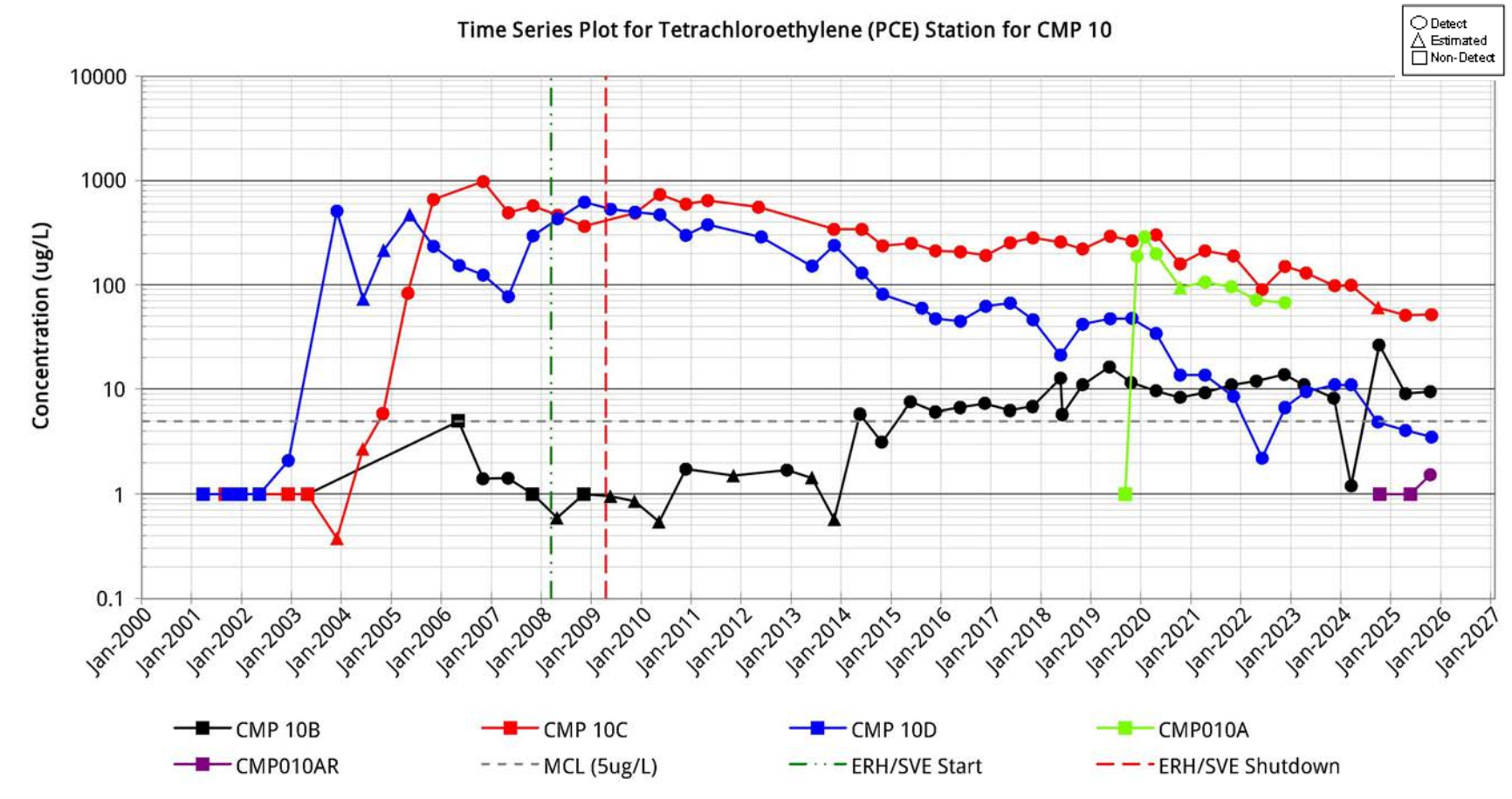
## Time-Series Plots

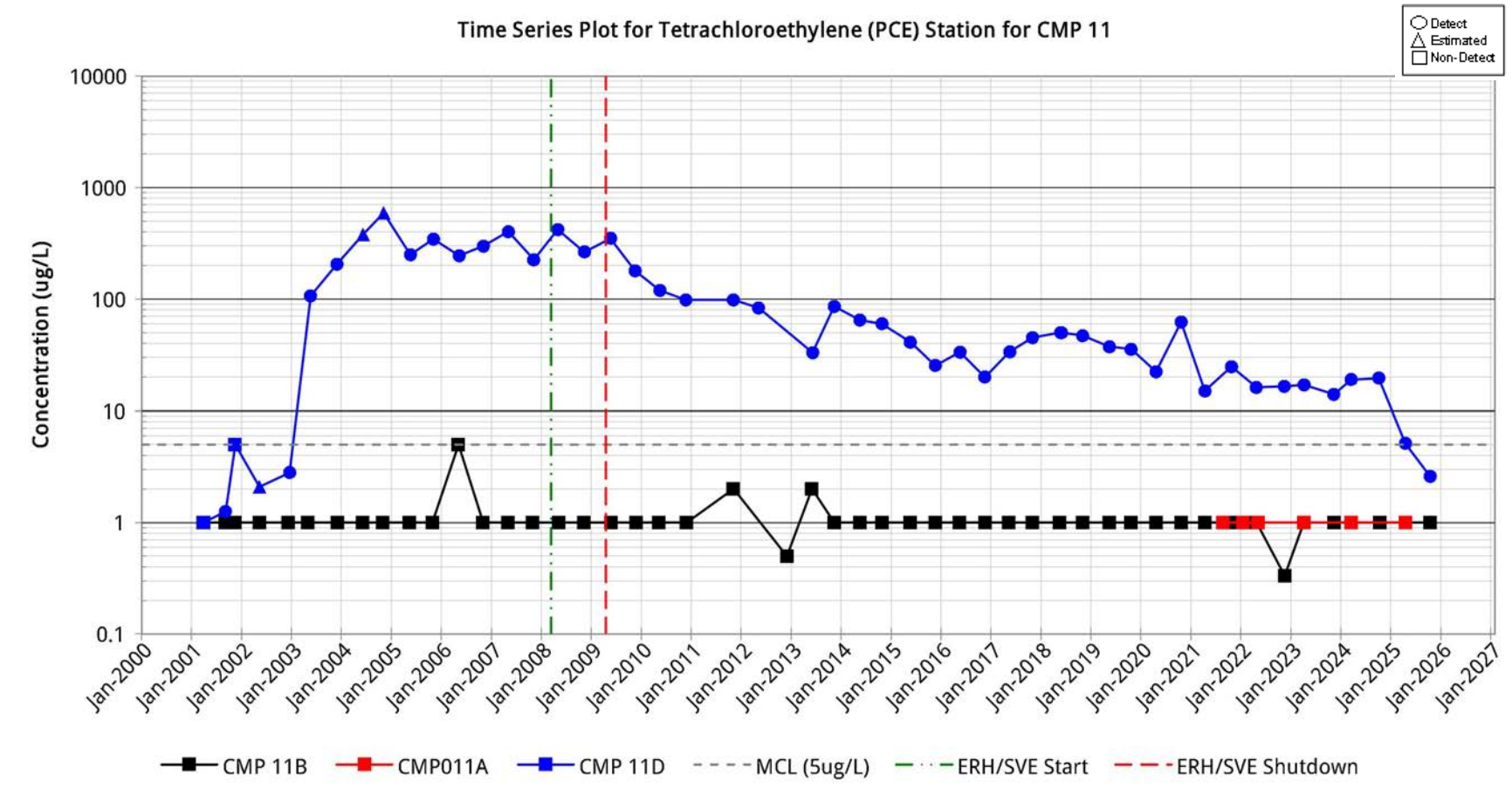
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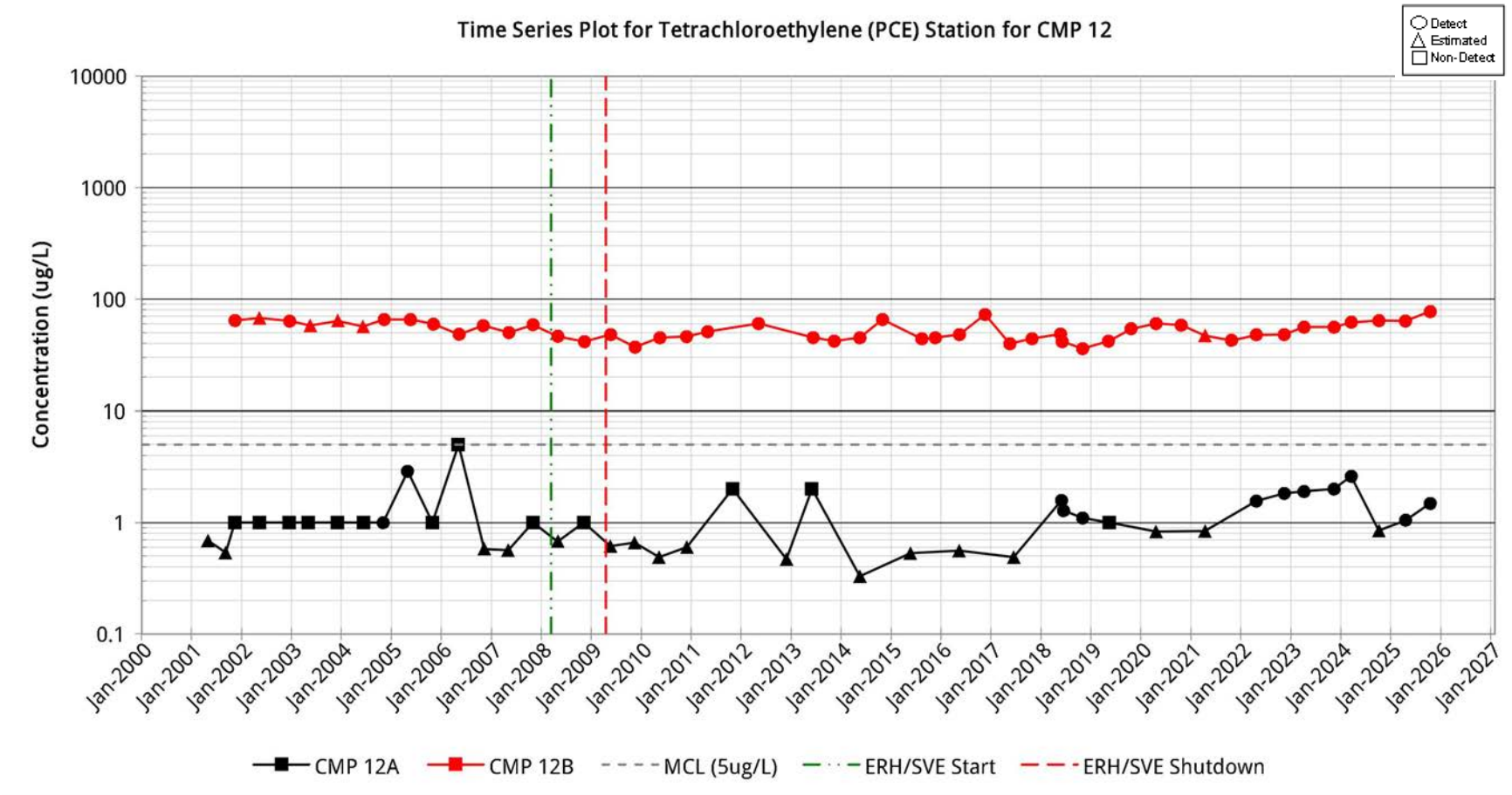

Time Series Plot for Tetrachloroethylene (PCE) Station for CMB 15
Detect
Estimated
Non-Detect
Concentration (ug/L)
100000
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMB 15I
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

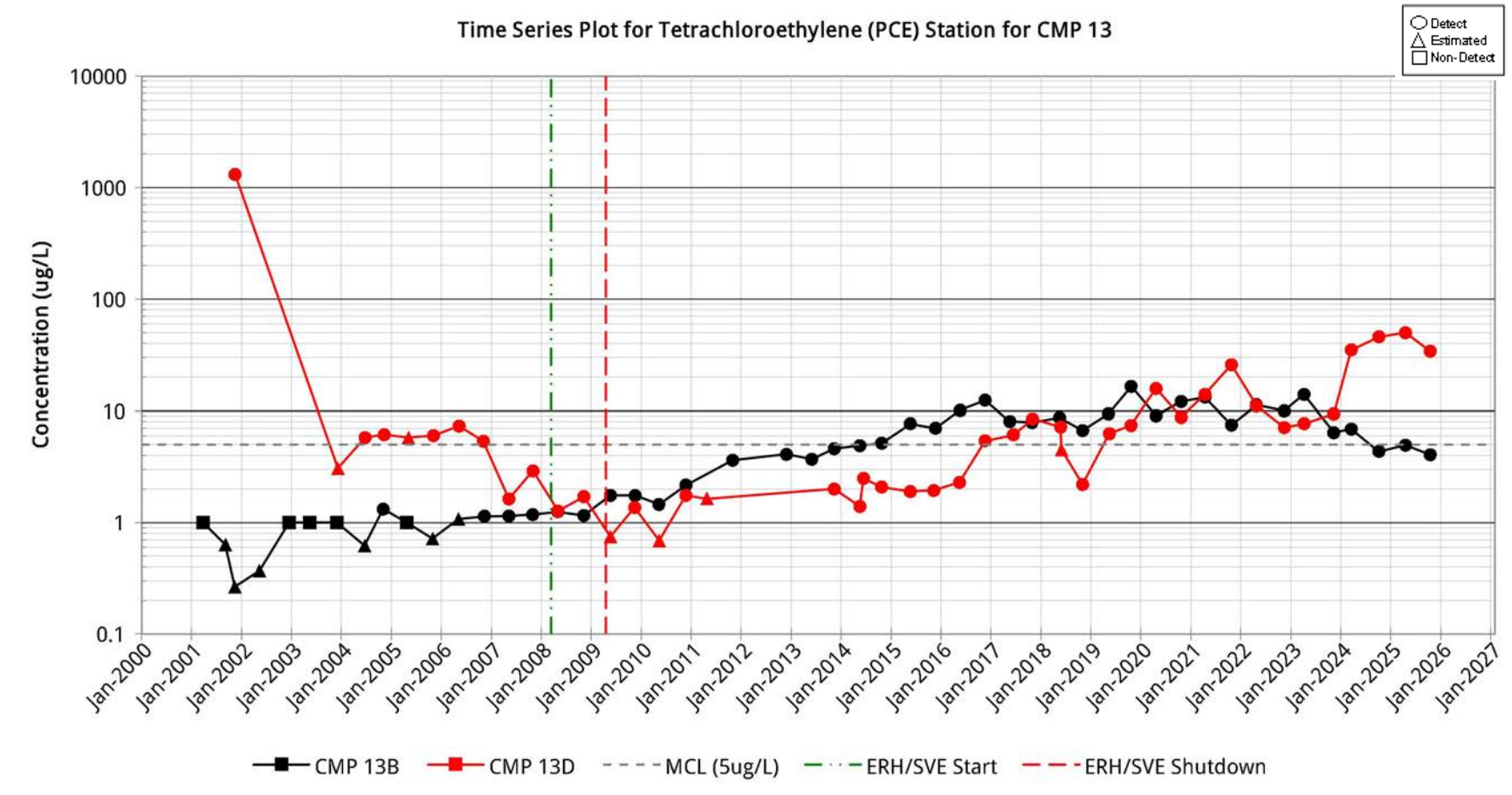

Time Series Plot for Tetrachloroethylene (PCE) Station for CMB 24
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMB 24I
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

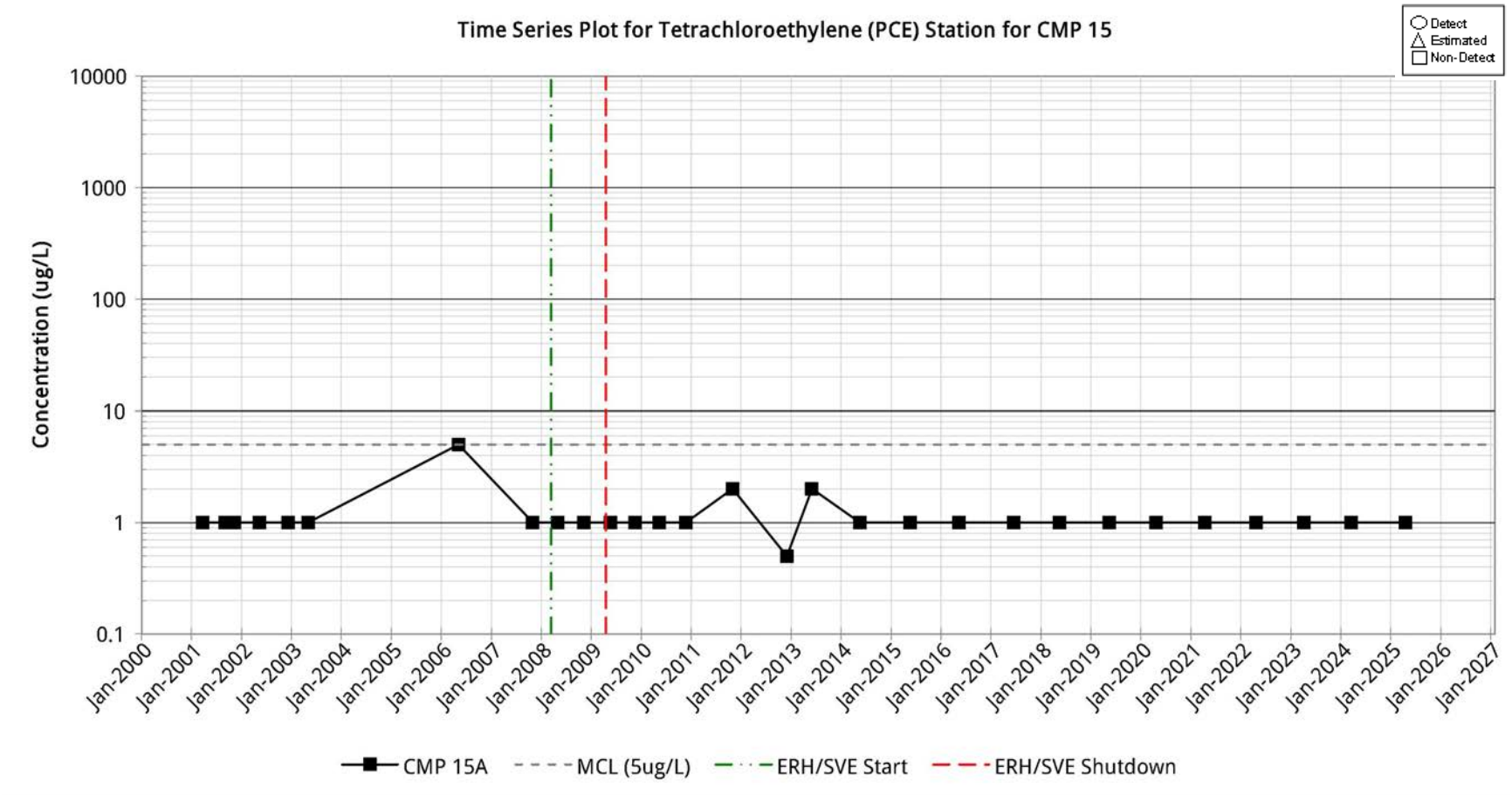

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 8
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 8B
CMP 8
CMP 8A
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

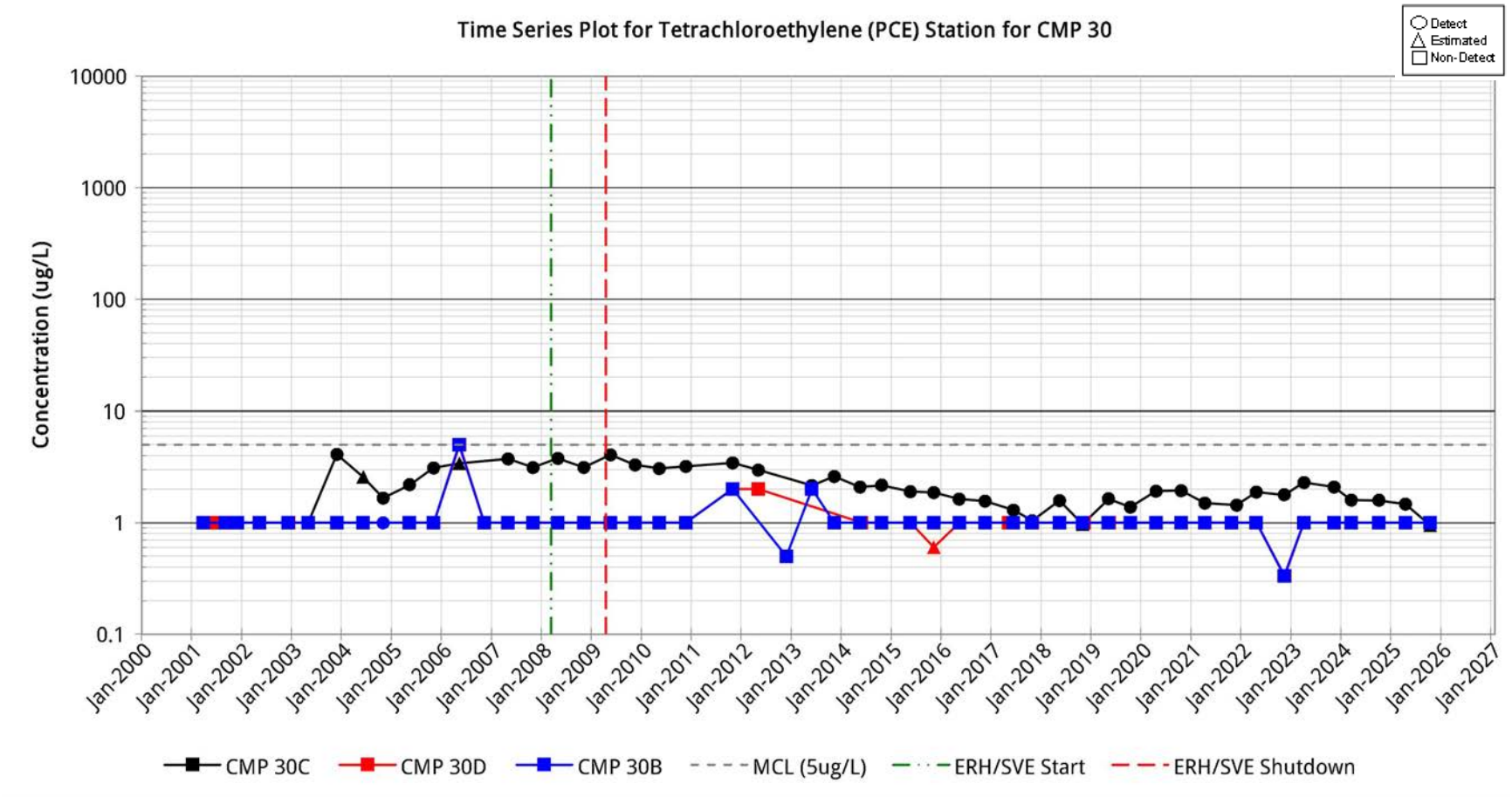

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 10
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 10B
CMP 10C
CMP 10D
CMP010A
CMP010AR
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

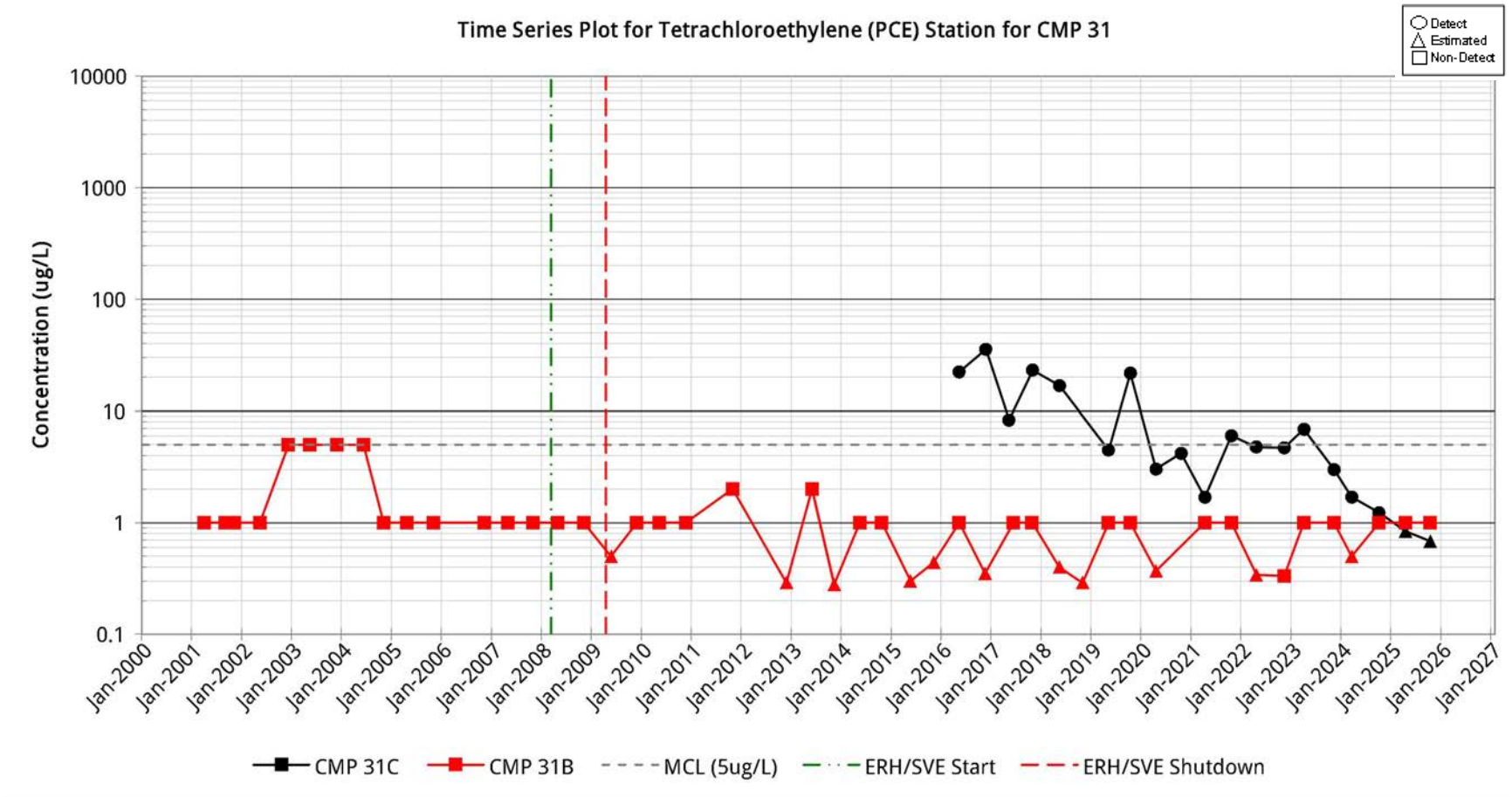

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 11
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 11B
CMP011A
CMP 11D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

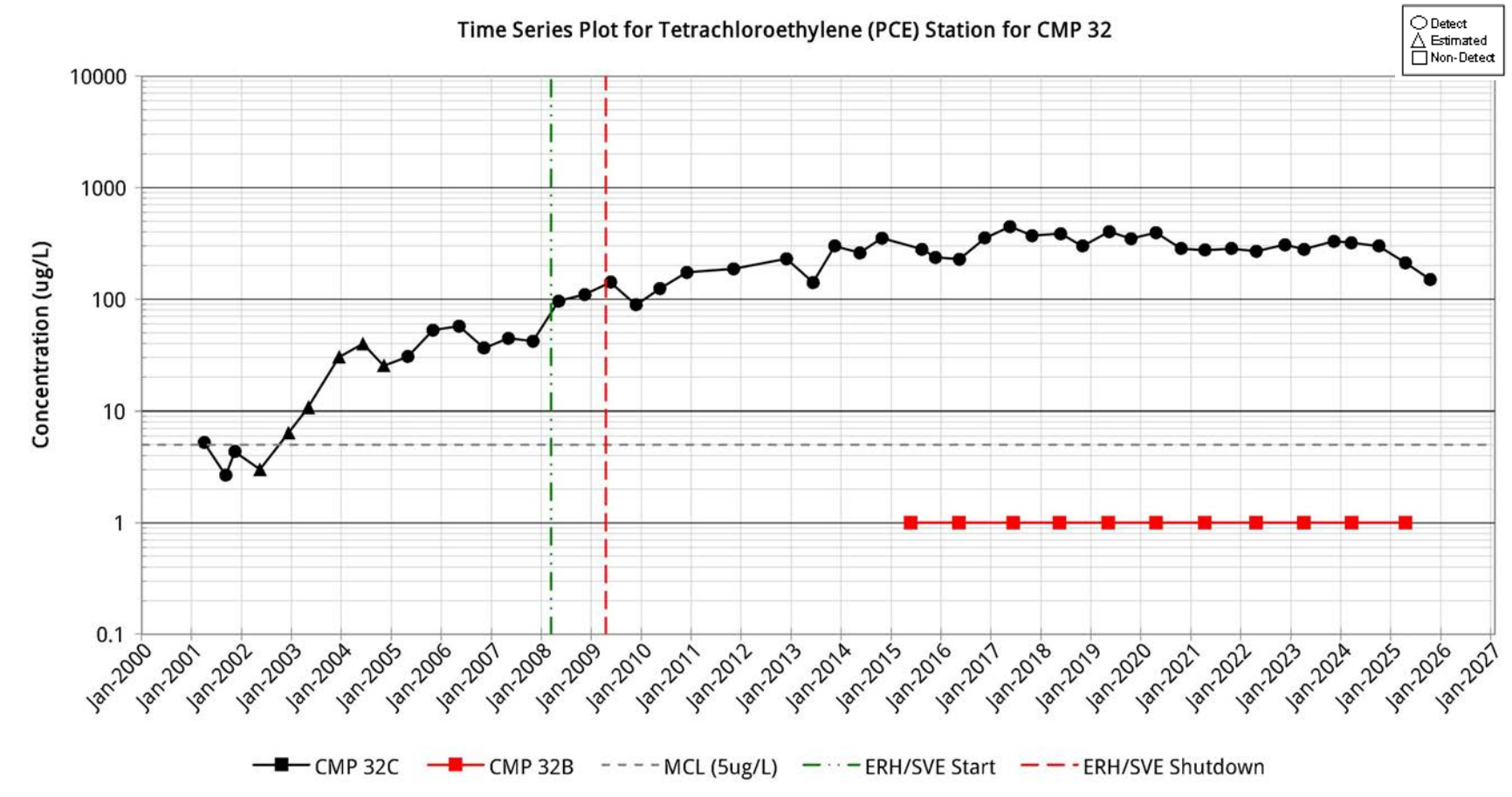

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 12
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 12A
CMP 12B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

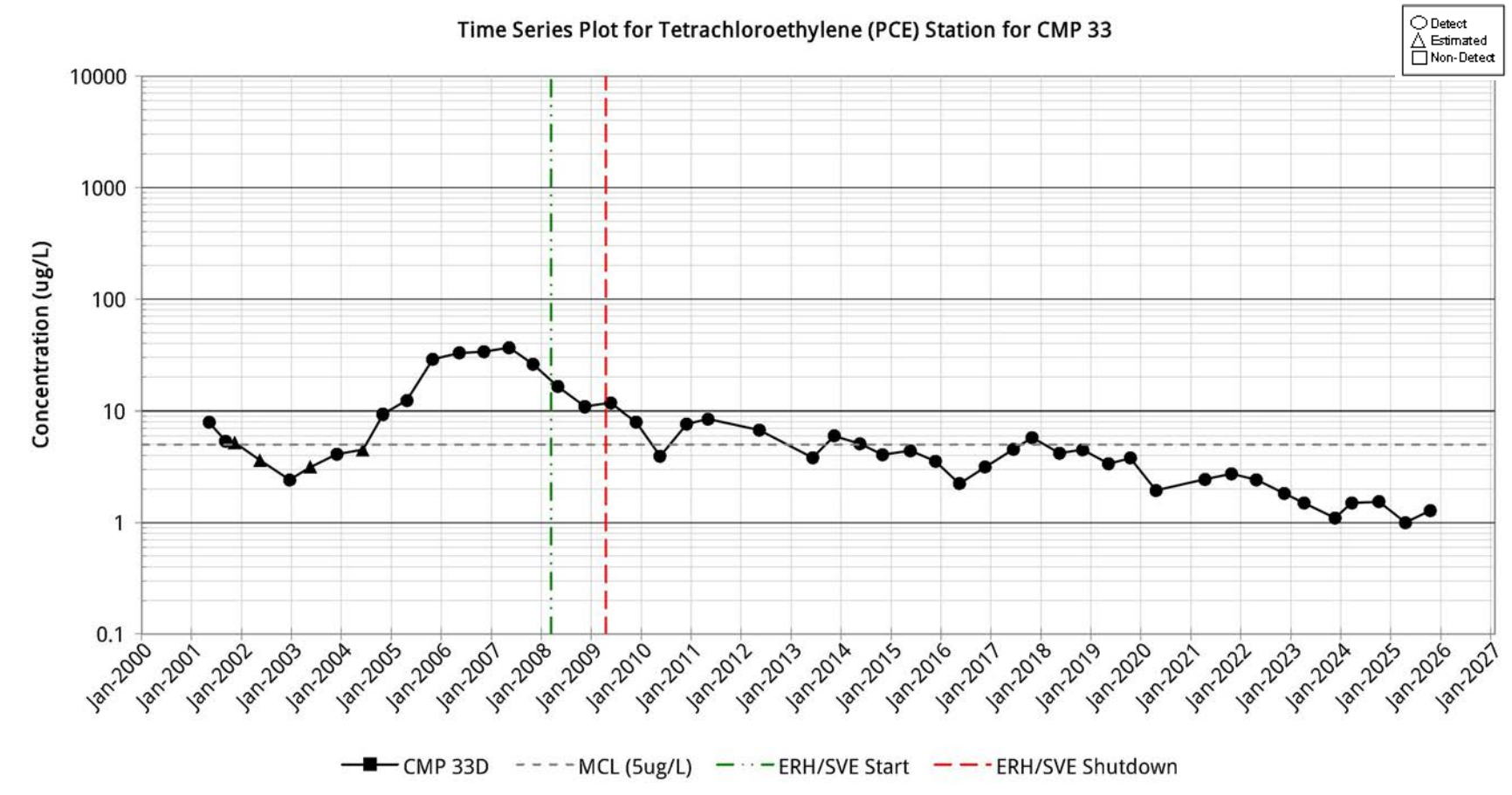

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 13
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 13B
CMP 13D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

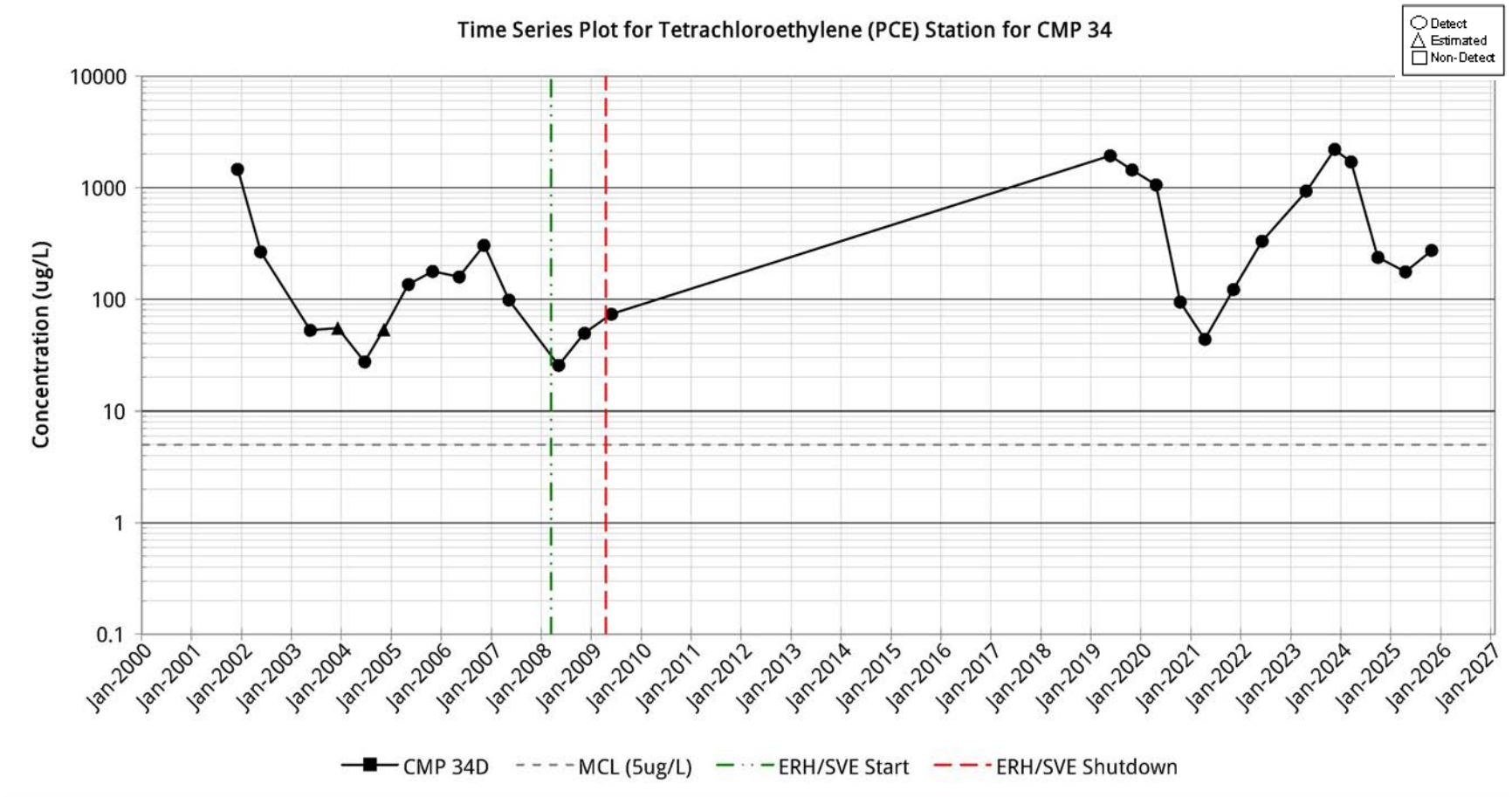

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 15
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 15A
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

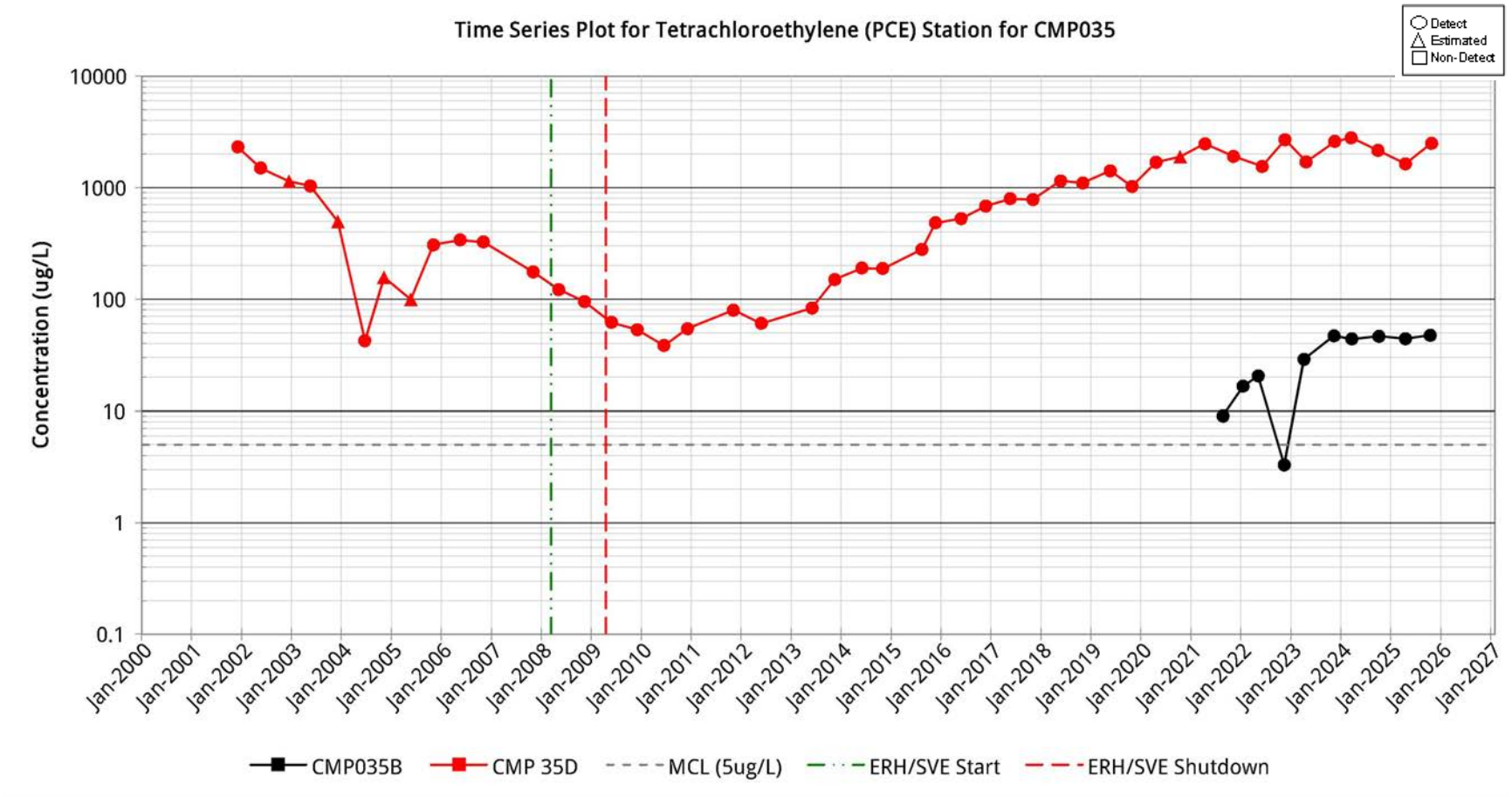

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 30
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 30C
CMP 30D
CMP 30B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

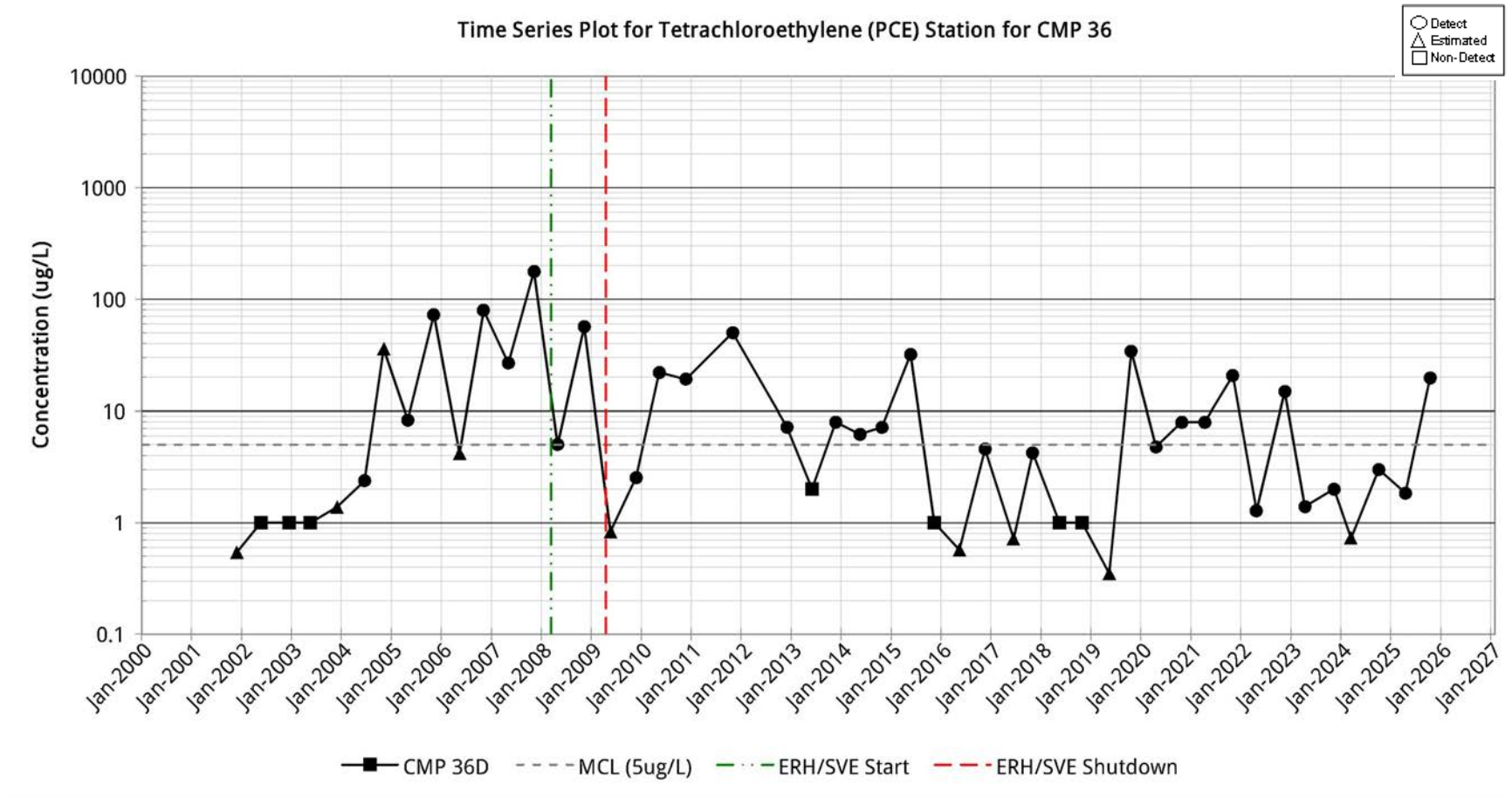

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 31
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 31C
CMP 31B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

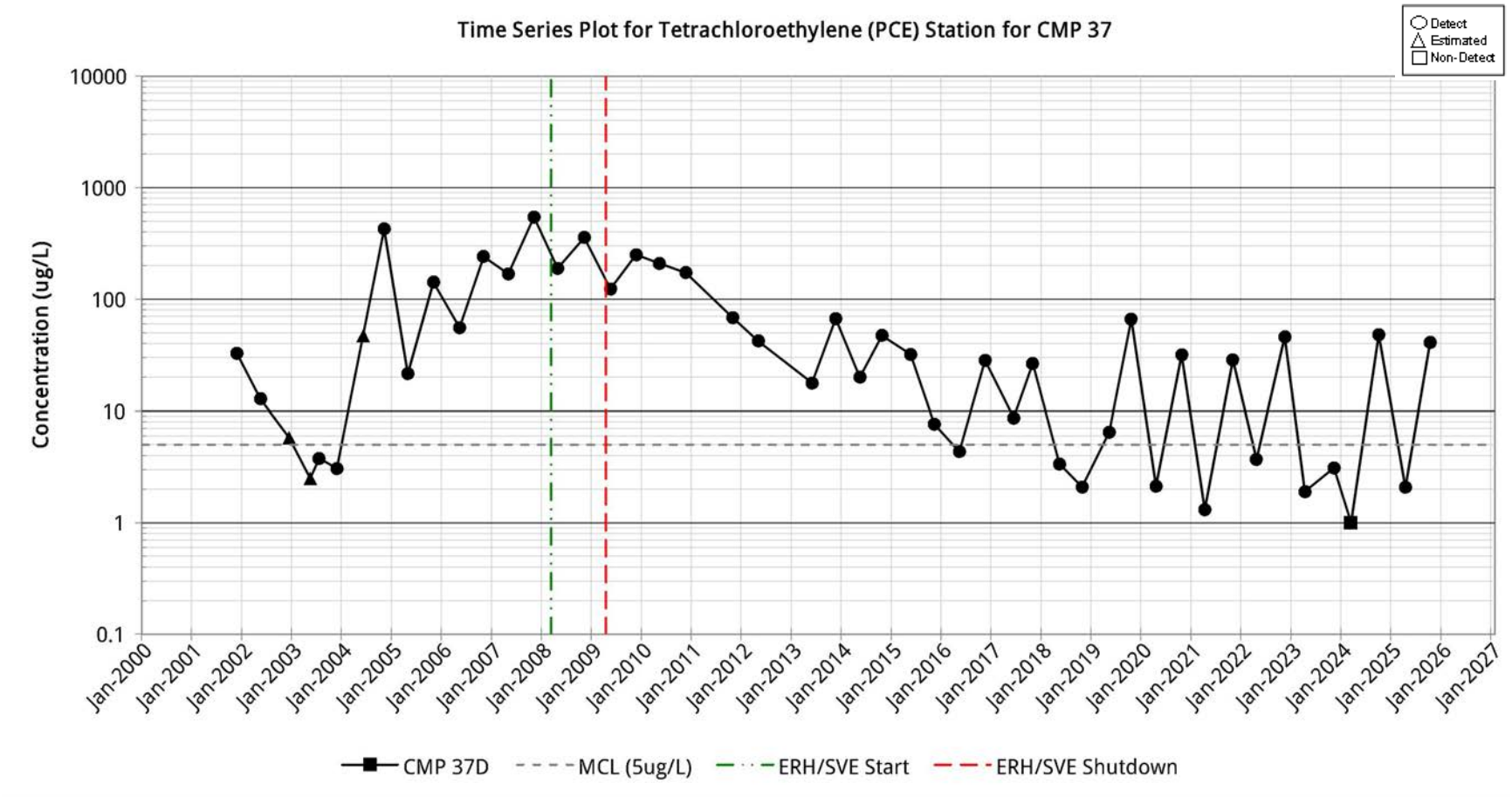

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 32
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 32C
CMP 32B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

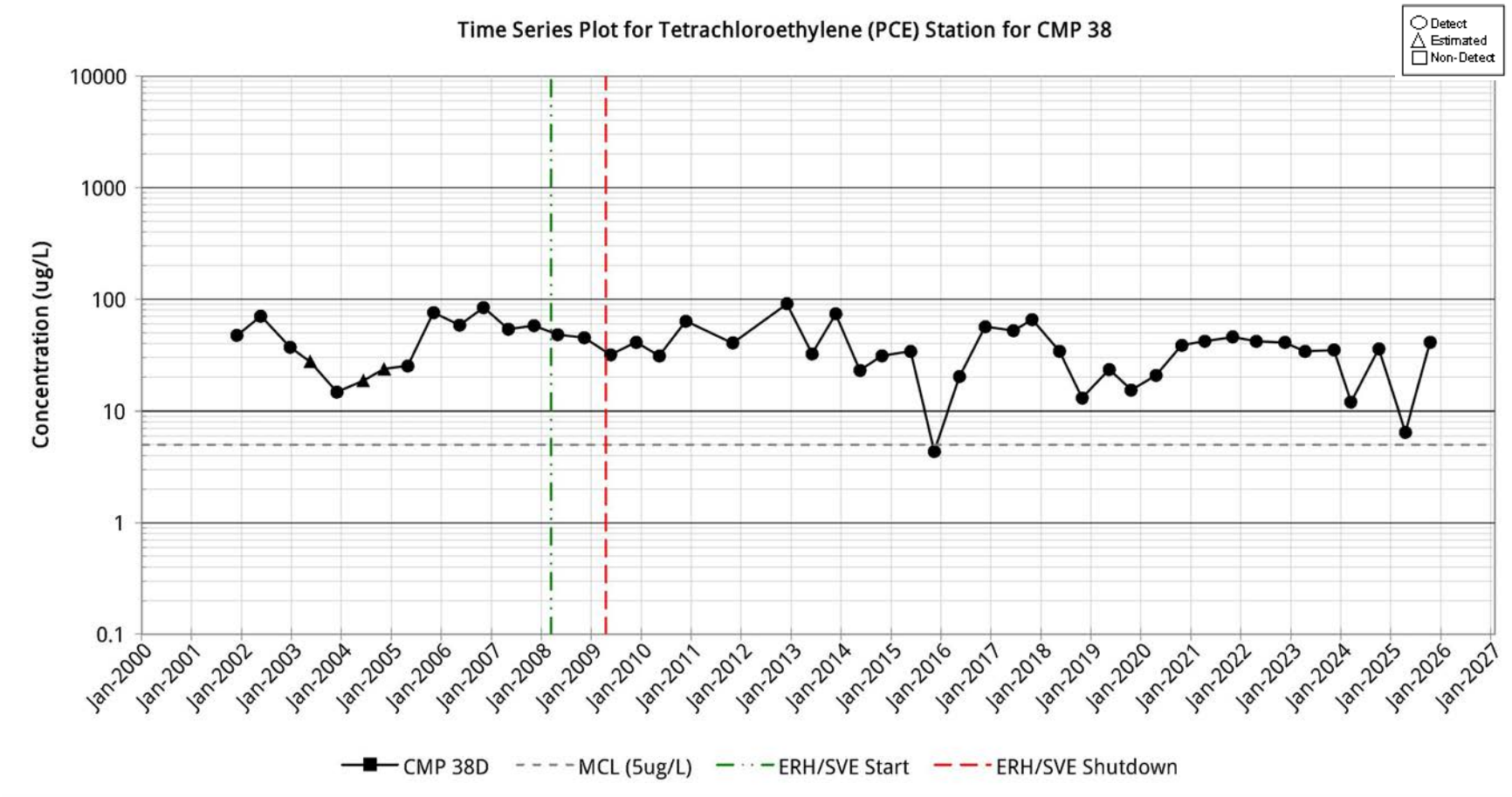

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 33
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 33D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

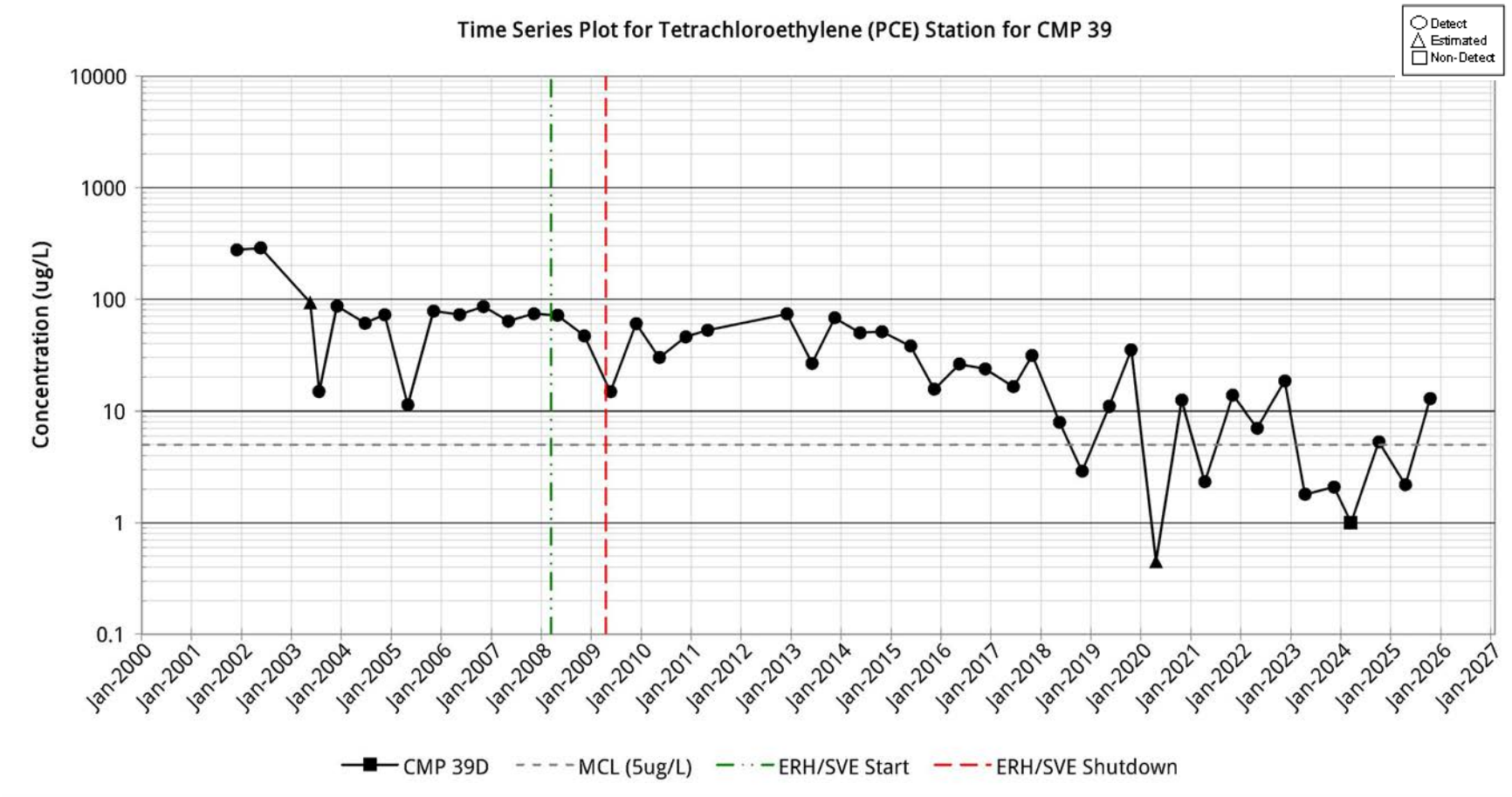

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 34
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 34D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

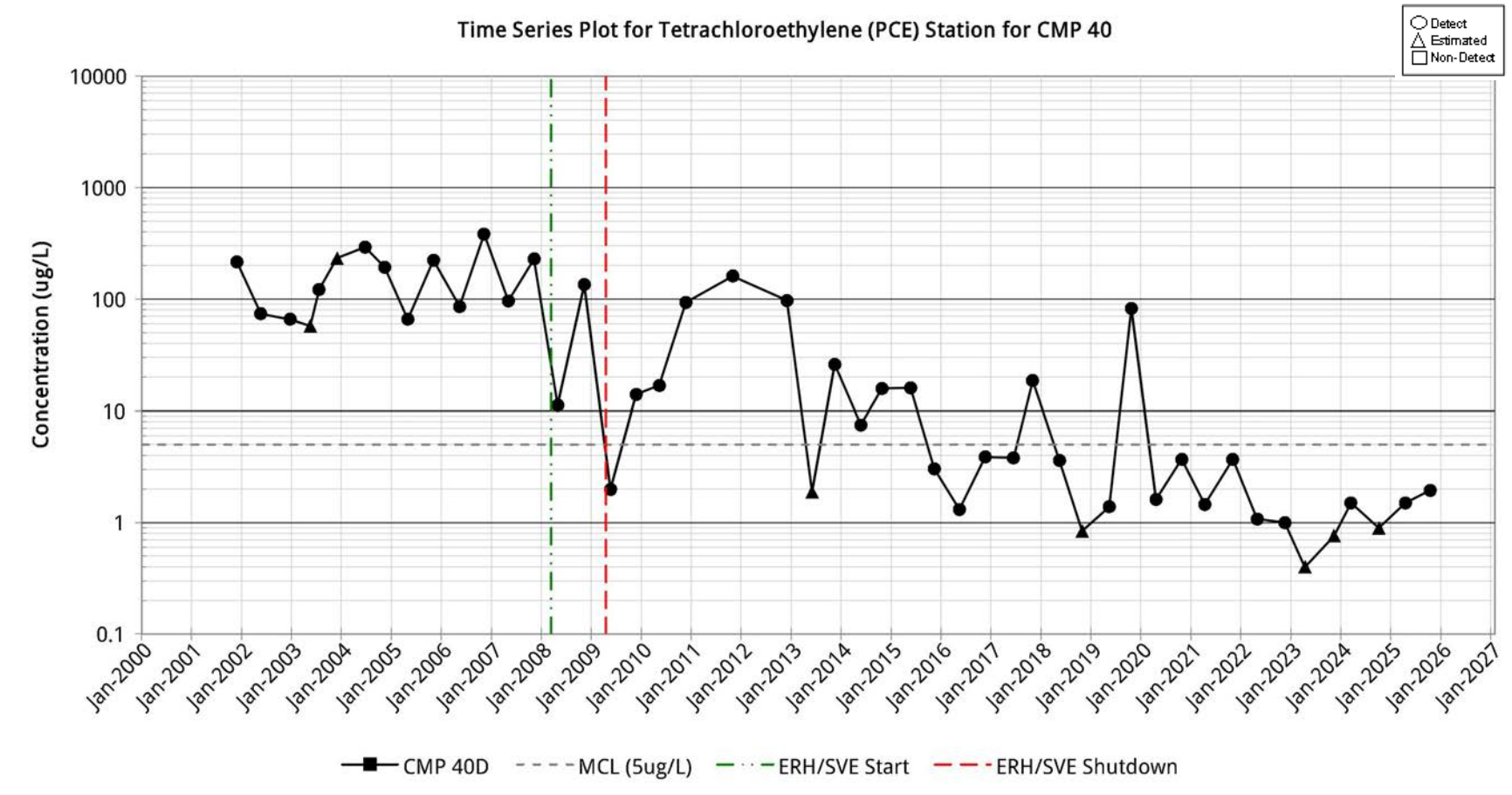

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP035
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP035B
CMP 35D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

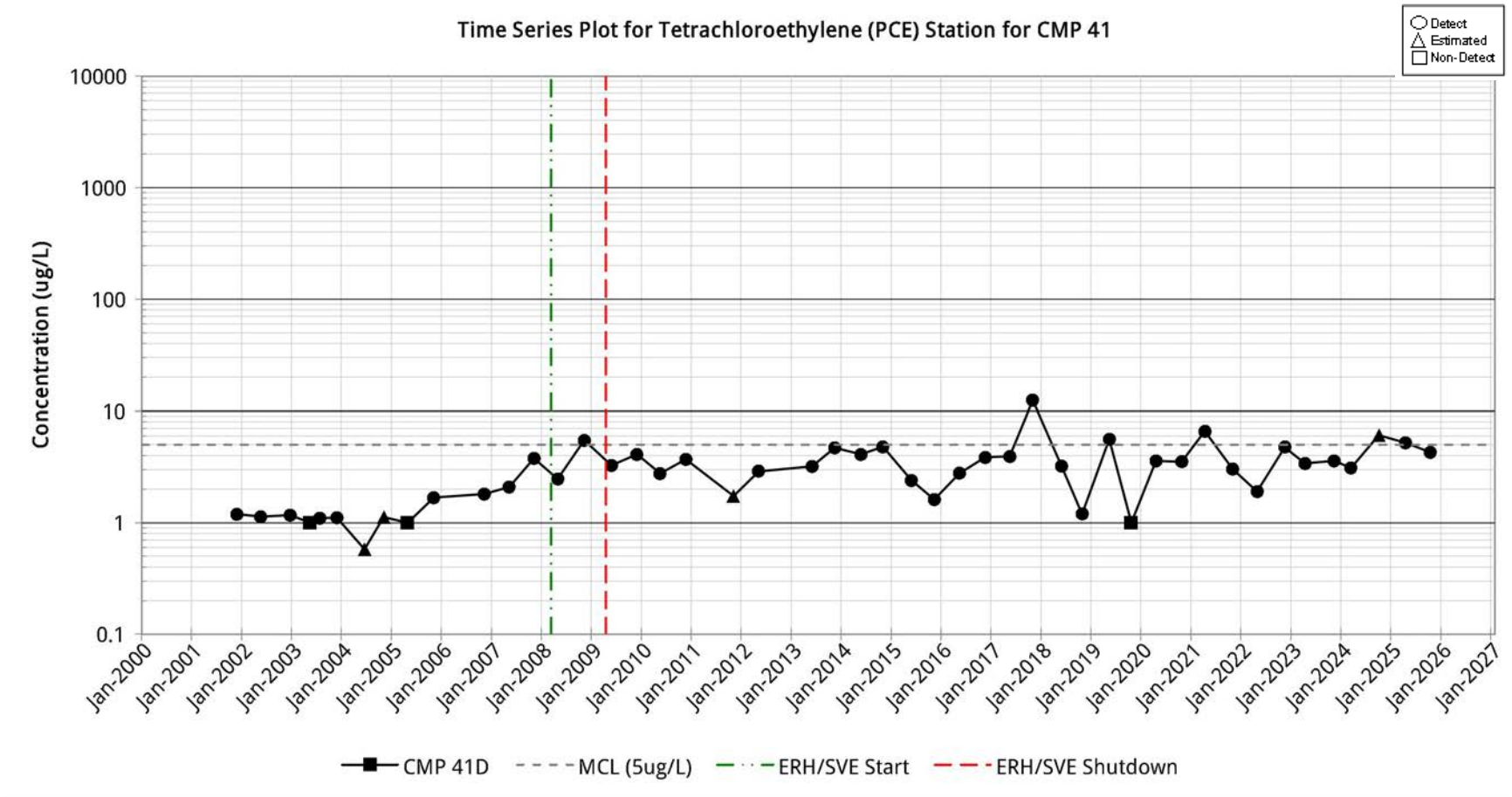

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 36
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 36D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

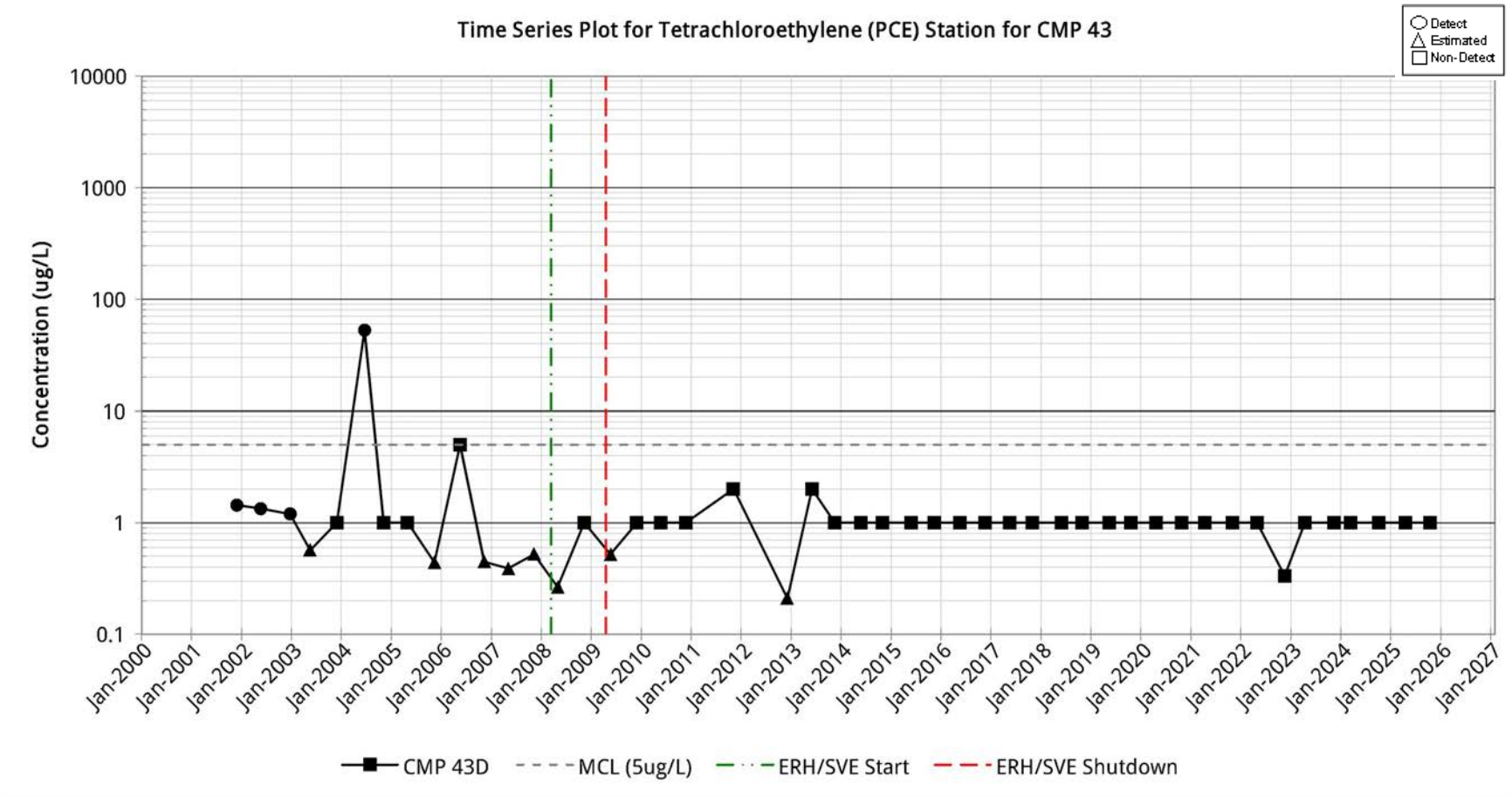

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 37
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 37D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

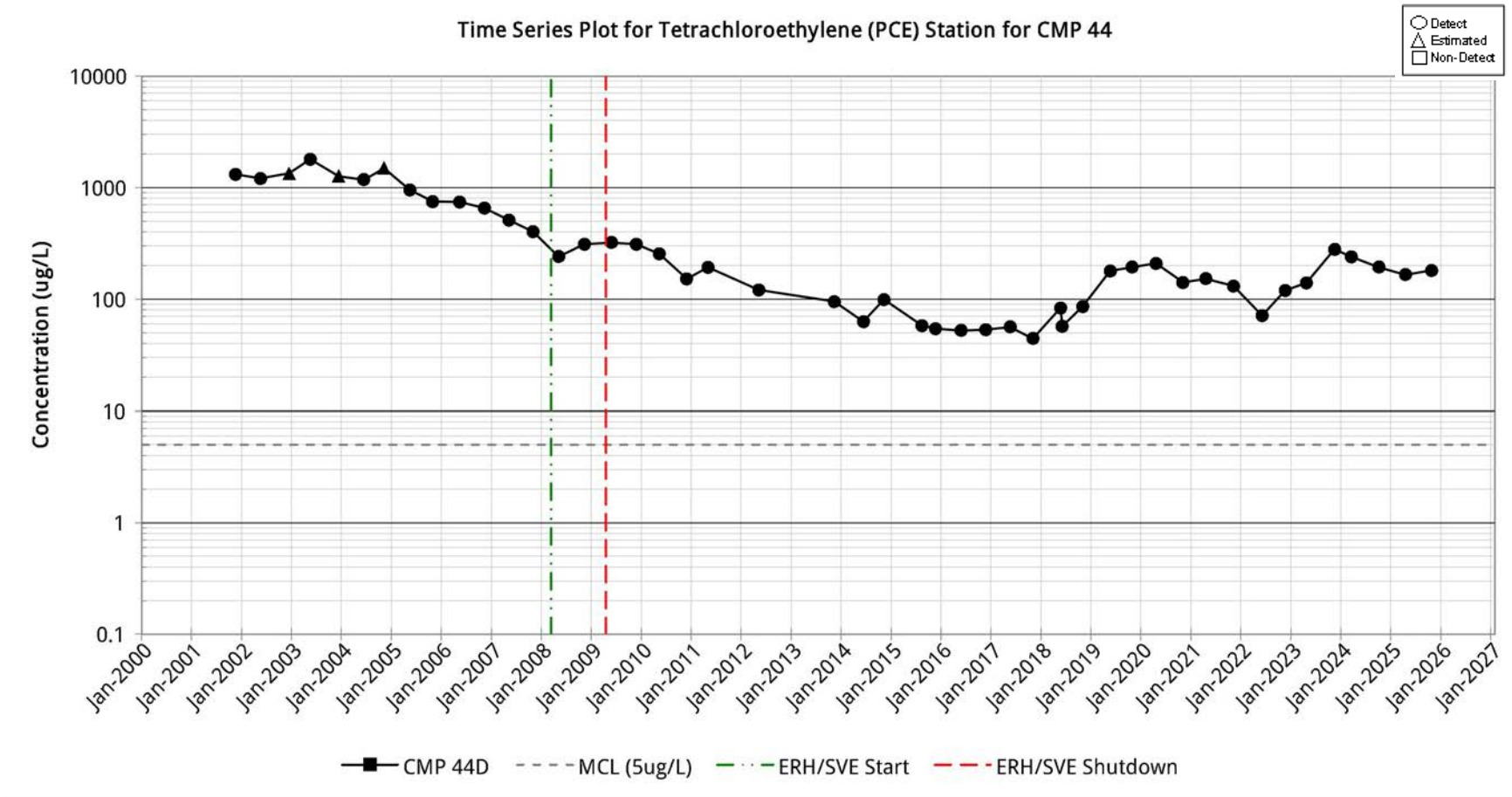

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 38
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
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Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 38D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

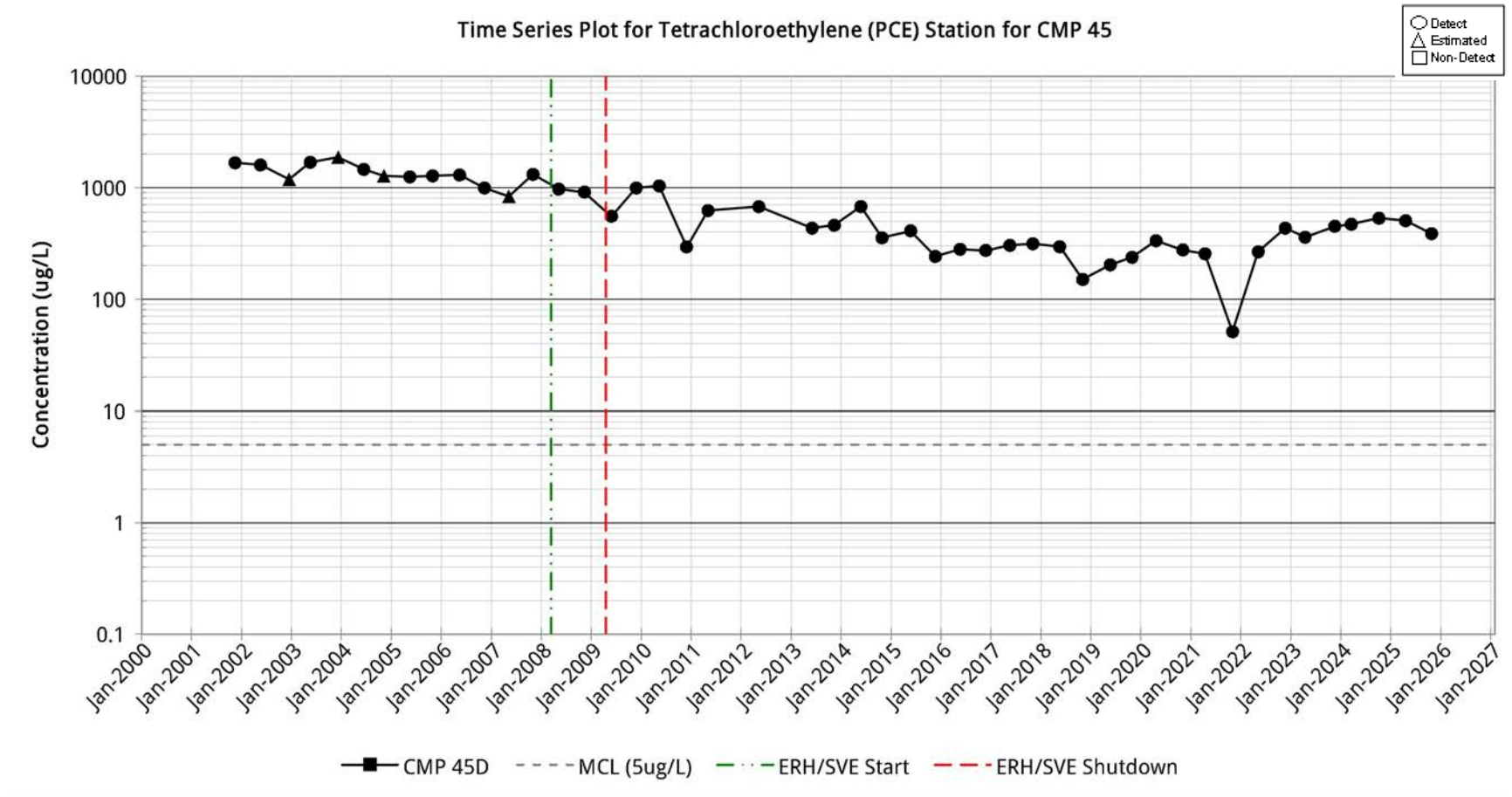

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 39
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
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Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 39D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

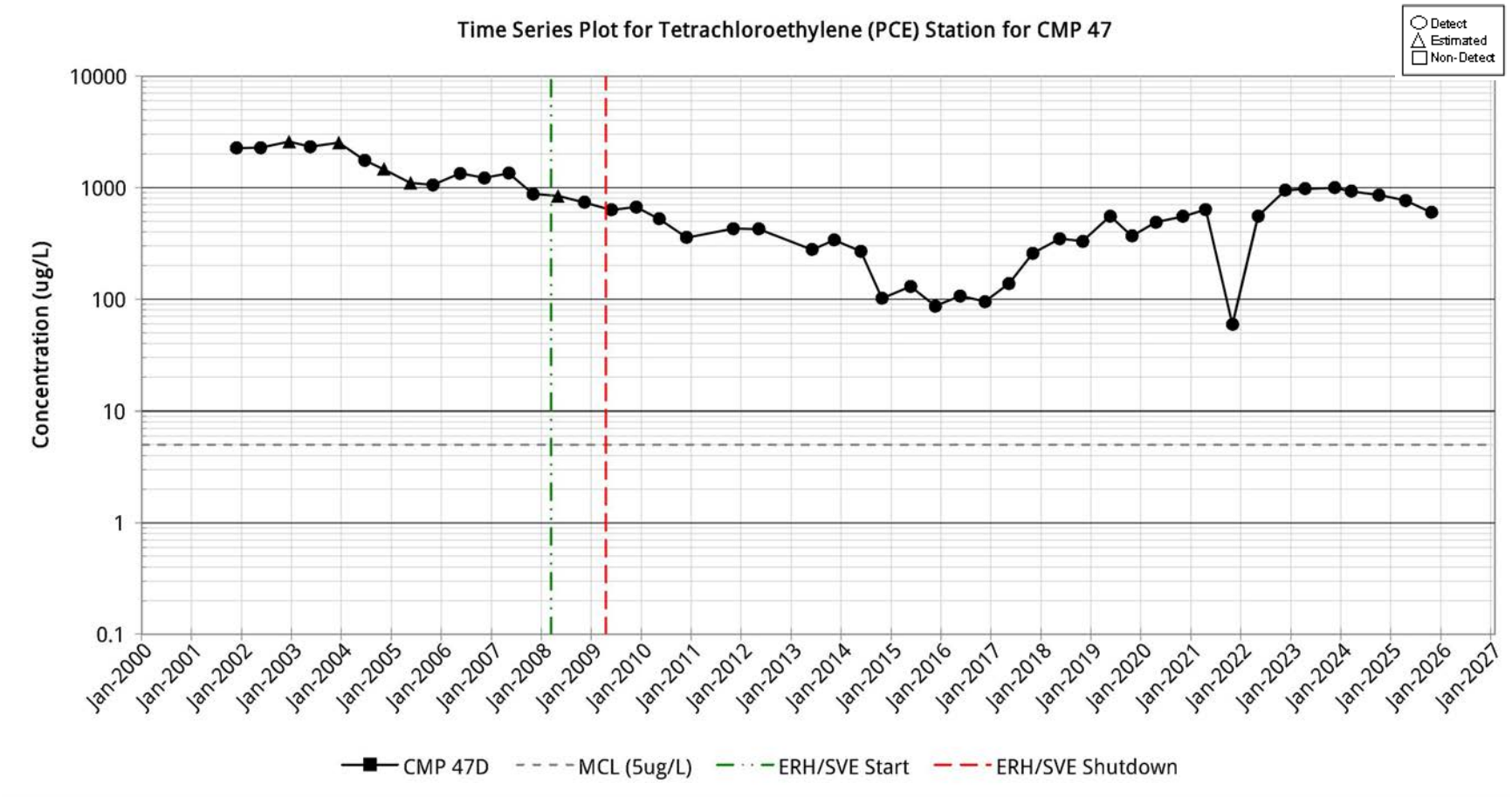

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 40
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
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Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 40D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

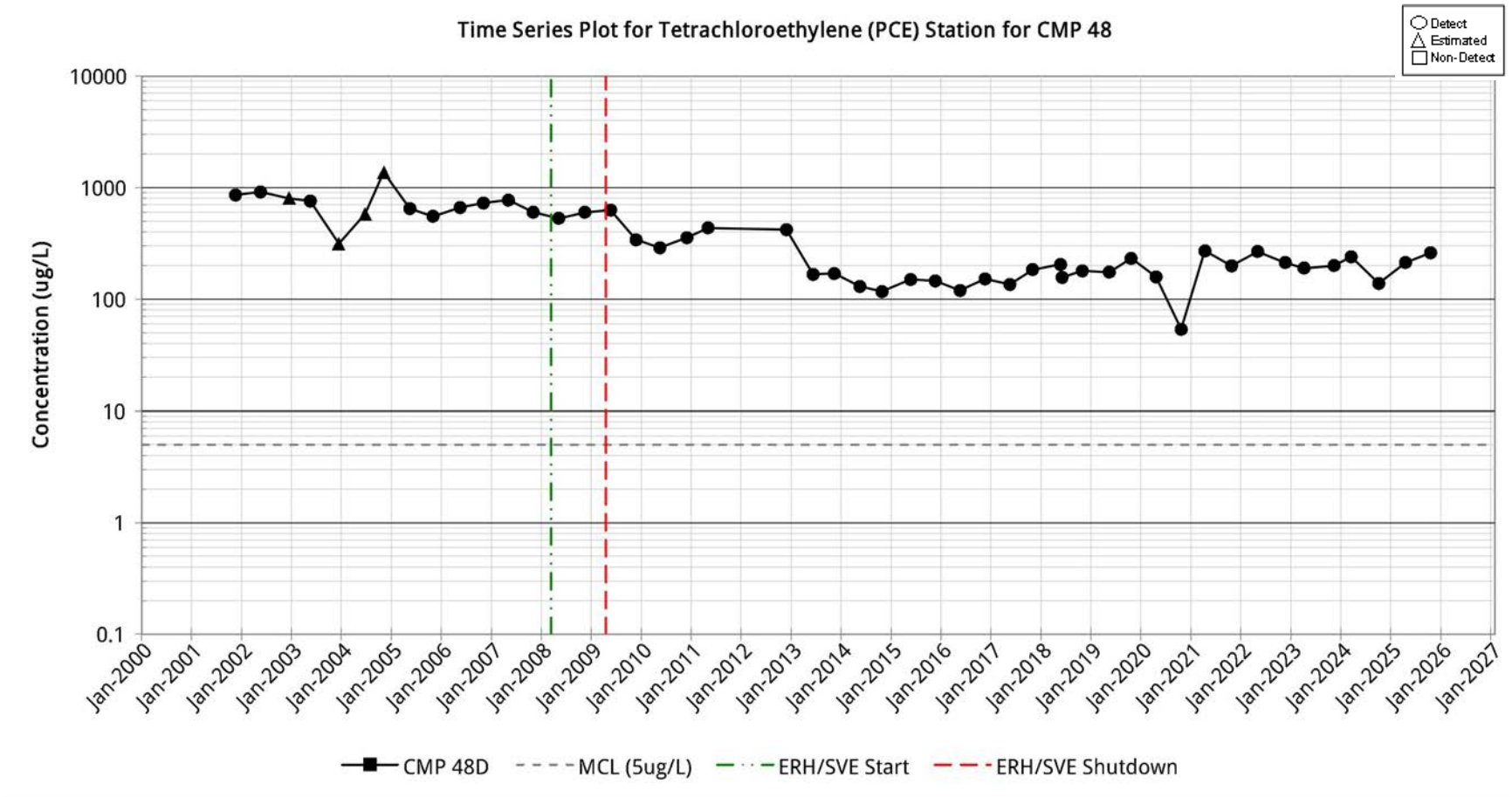

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 41
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 41D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

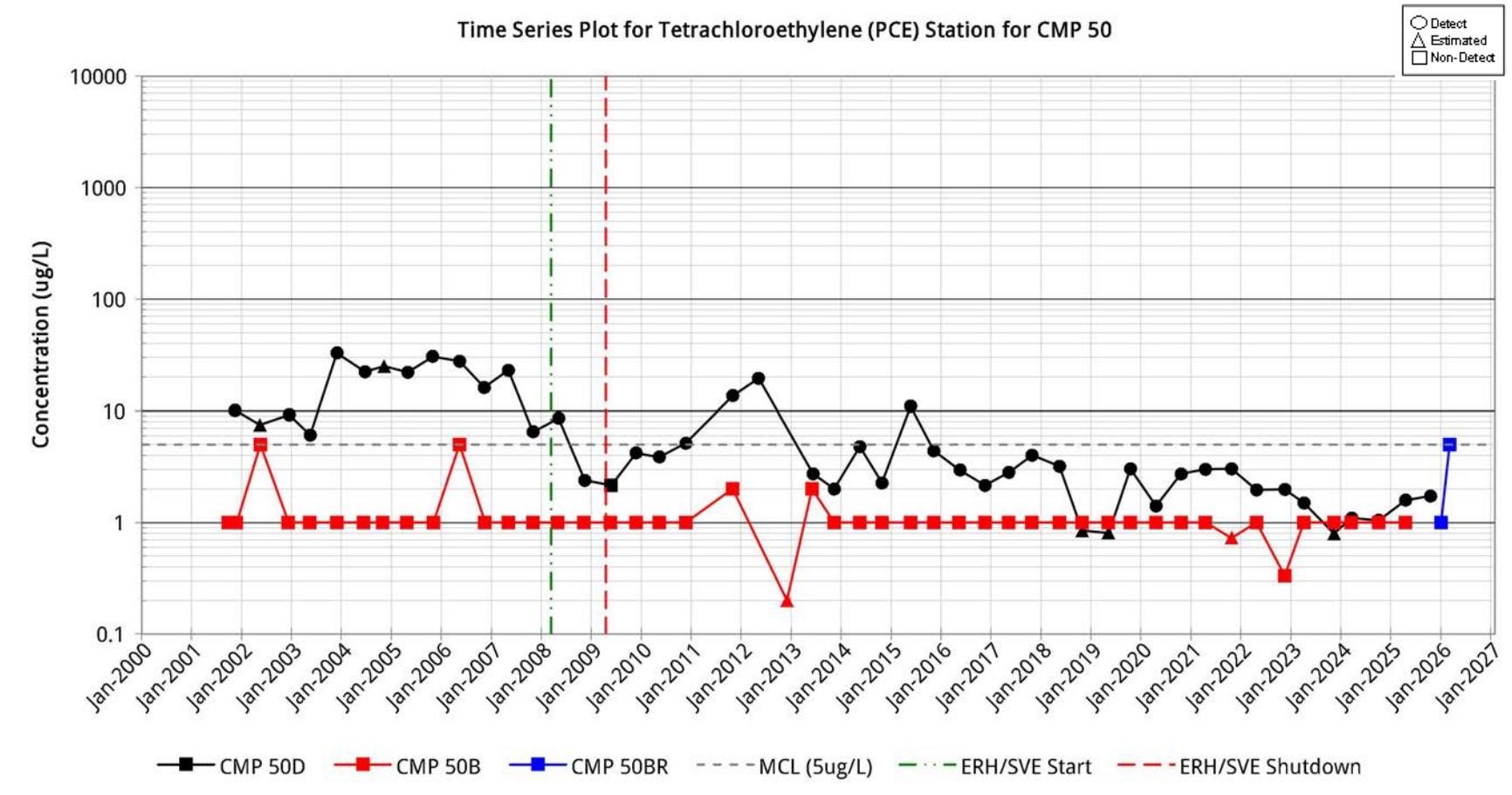

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 43
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 43D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

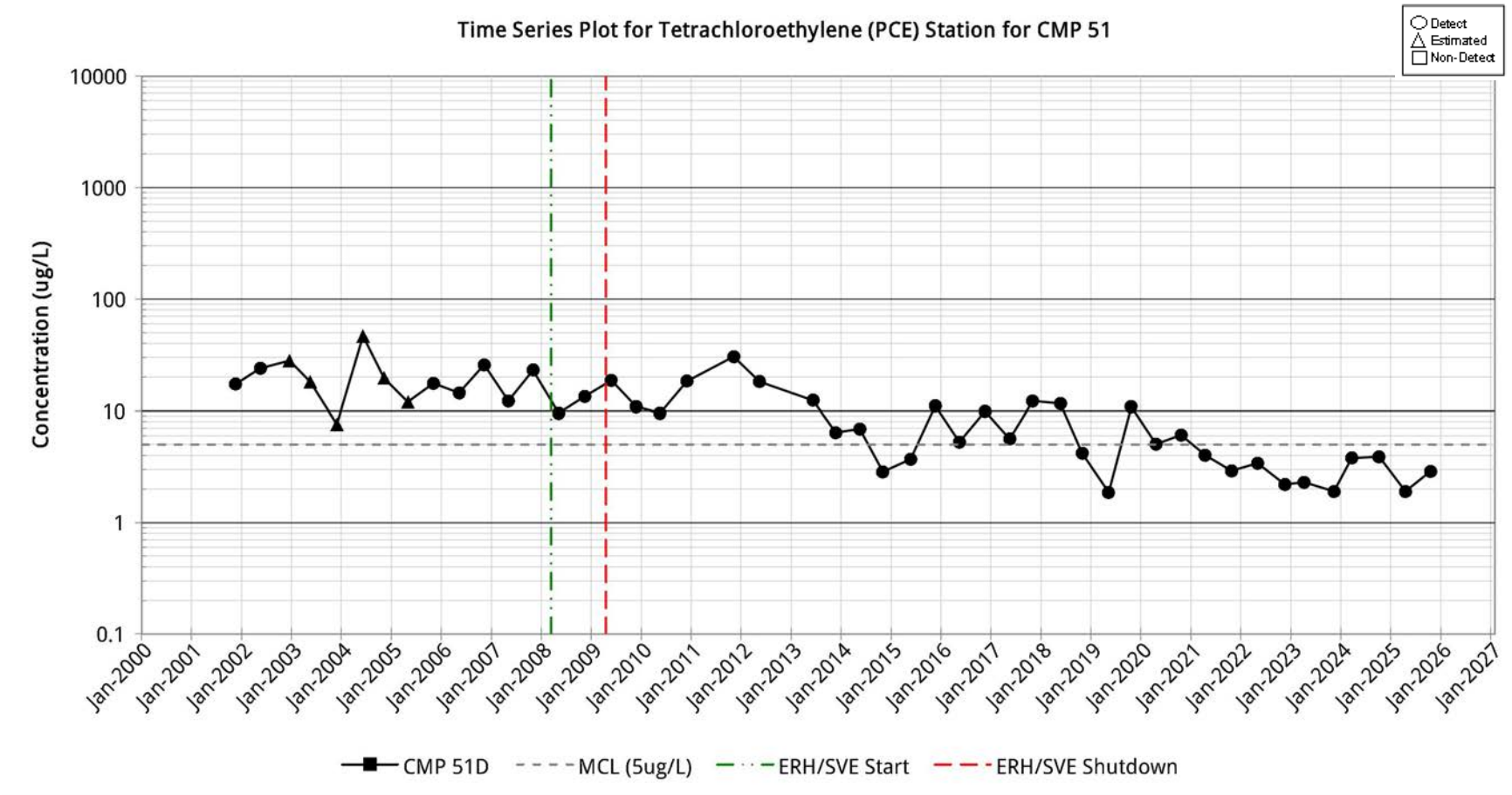

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 44
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 44D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

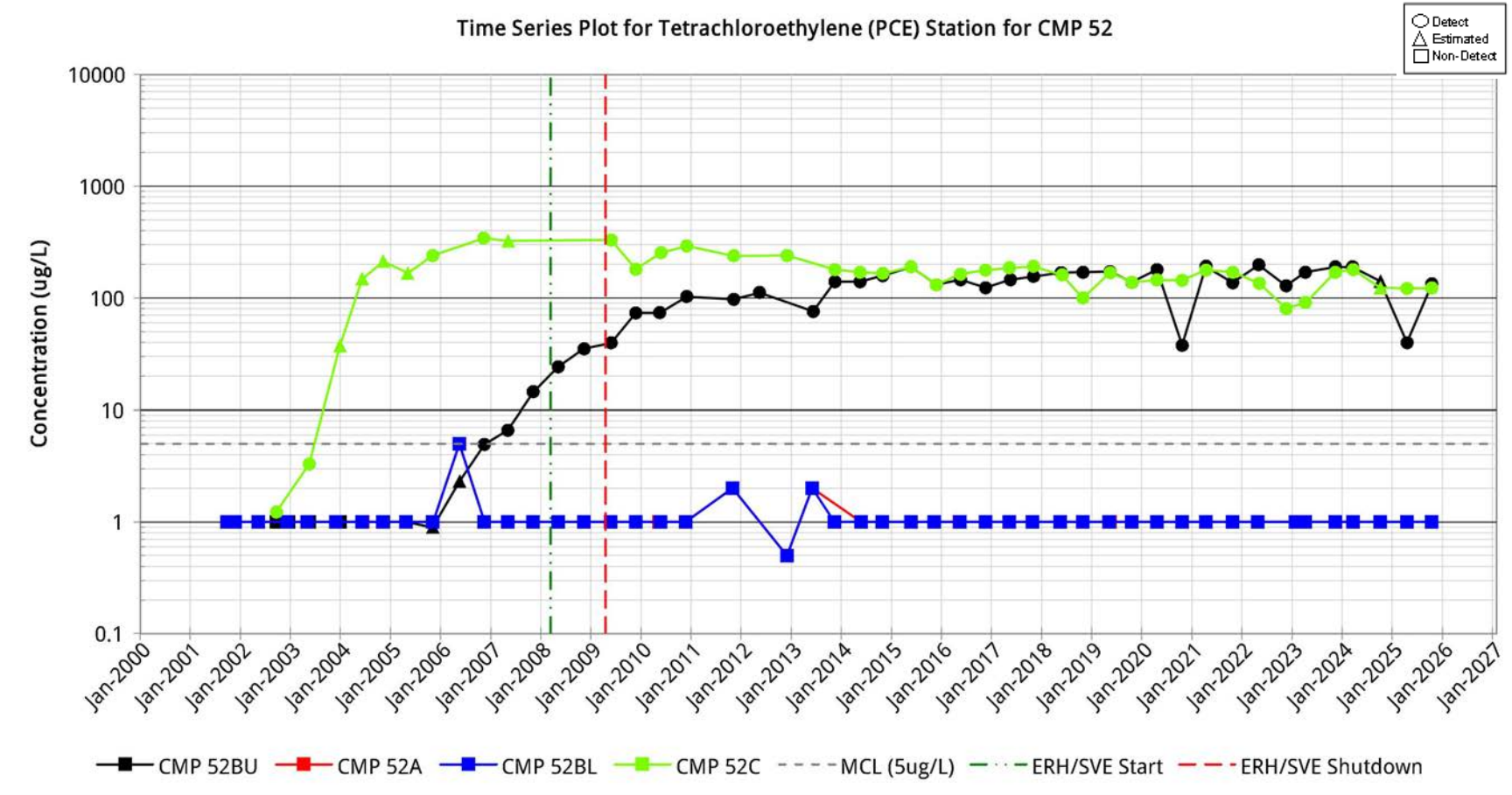

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 45
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 45D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

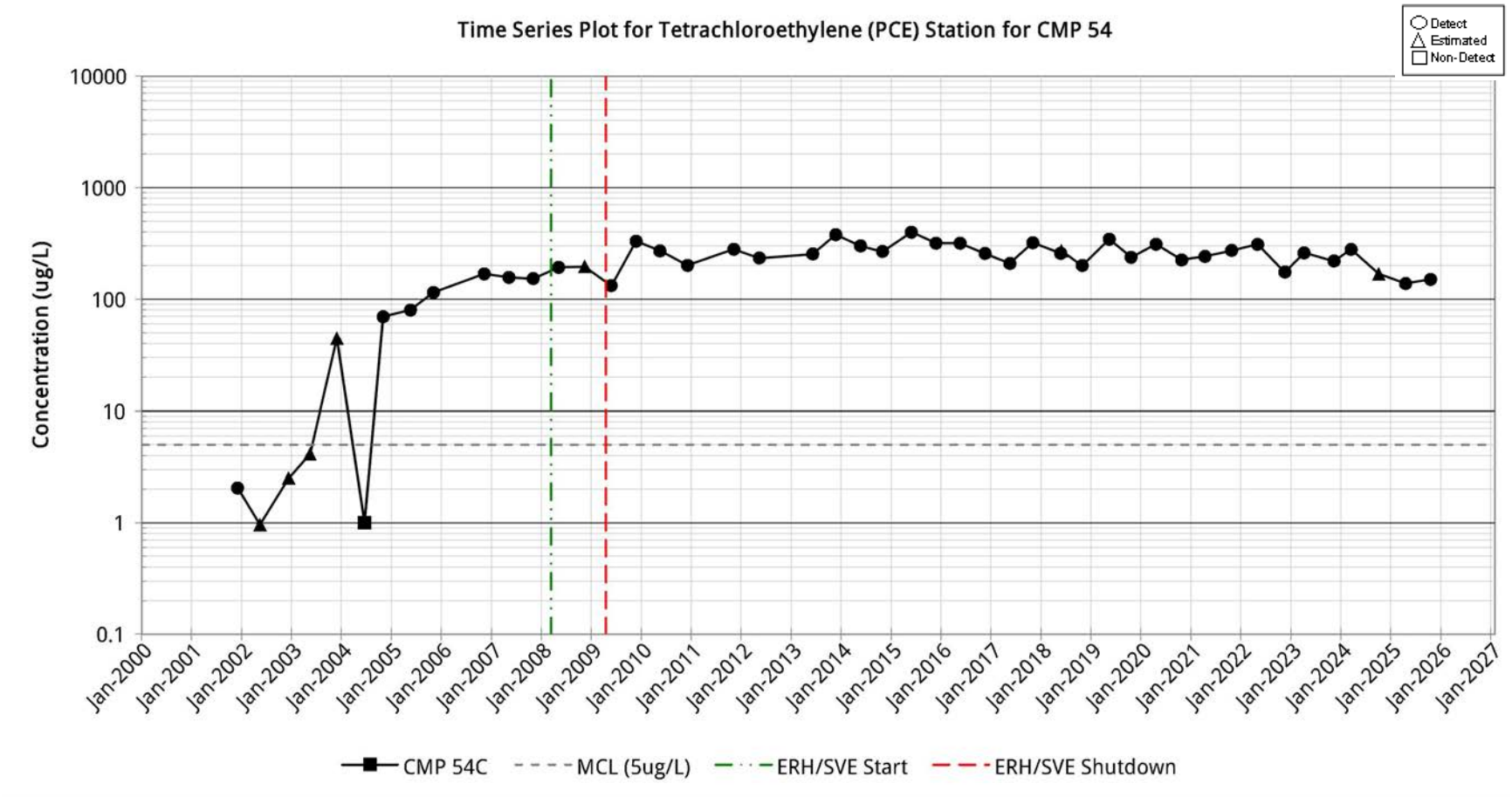

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 47
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 47D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

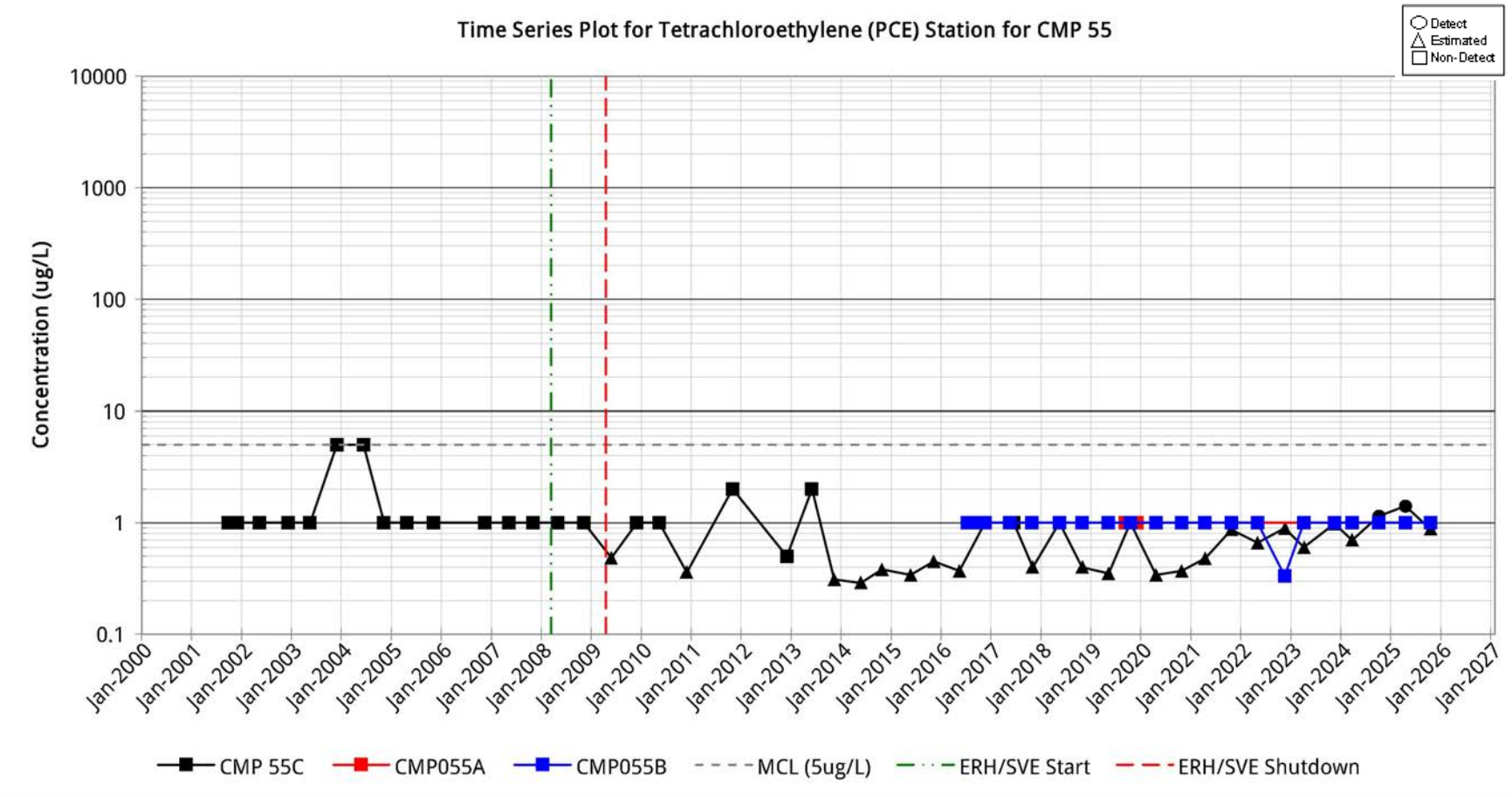

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 48
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 48D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

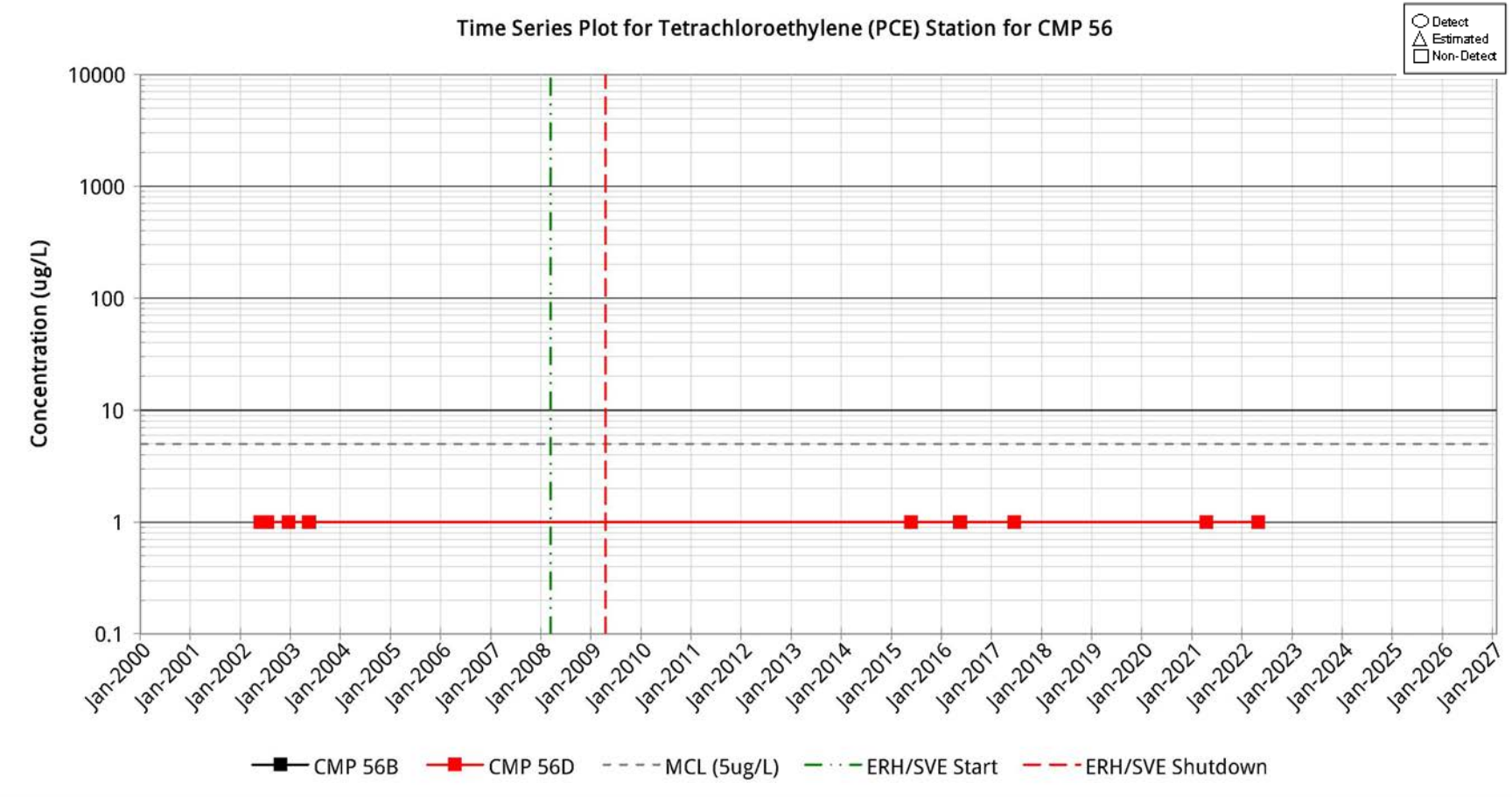

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 50
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 50D
CMP 50B
CMP 50BR
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

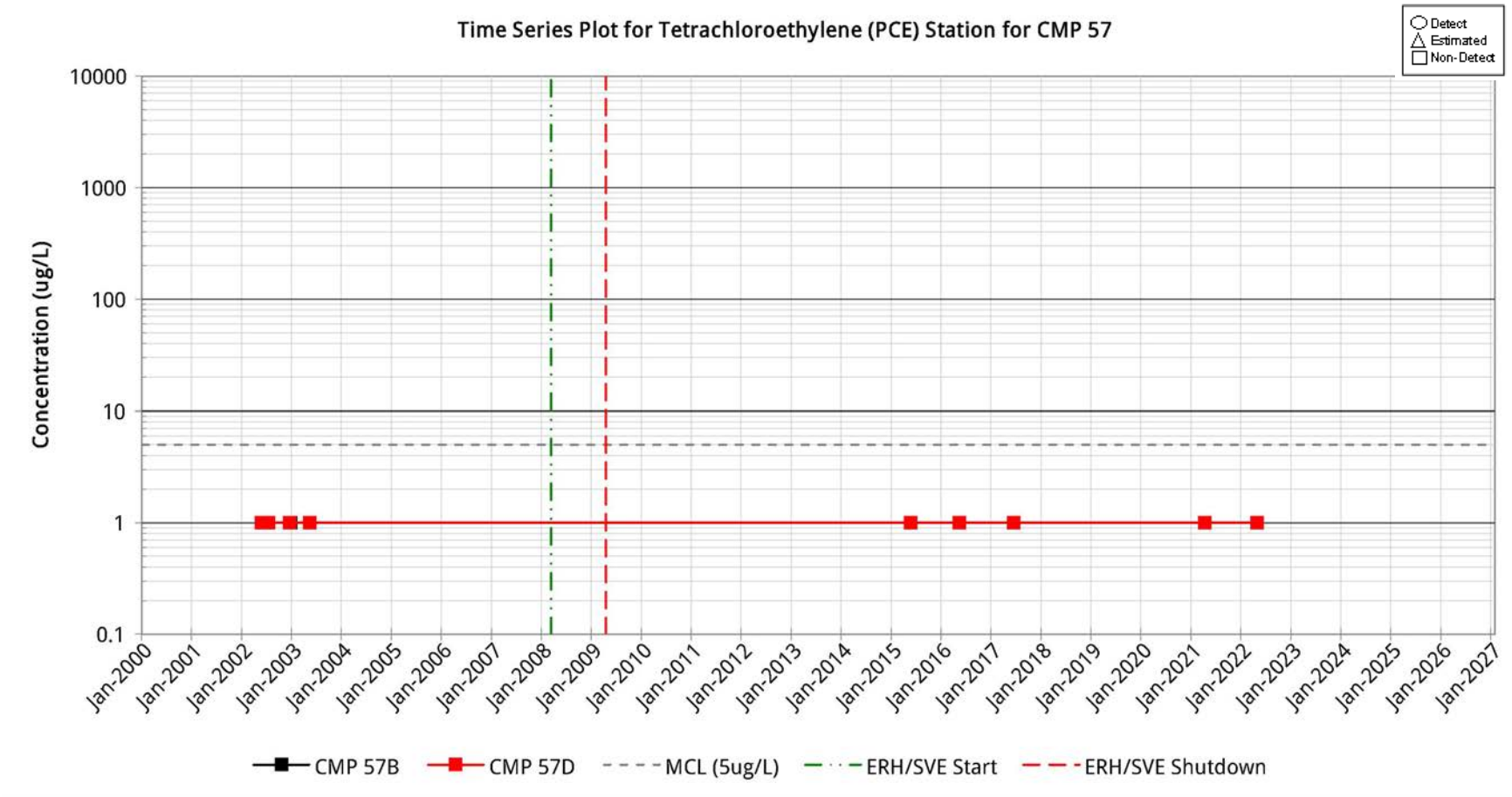

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 51
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 51D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

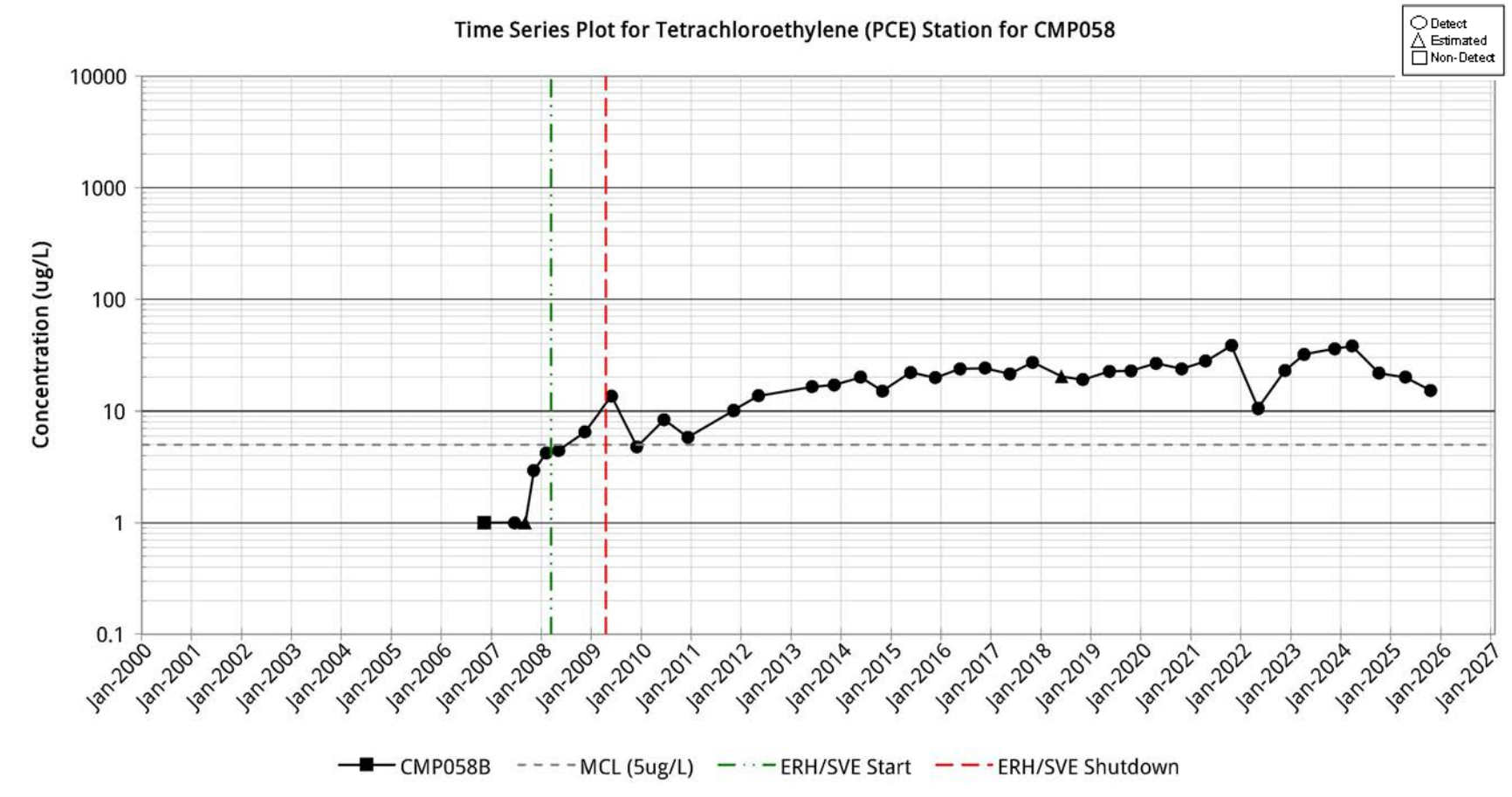

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 52
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 52BU
CMP 52A
CMP 52BL
CMP 52C
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

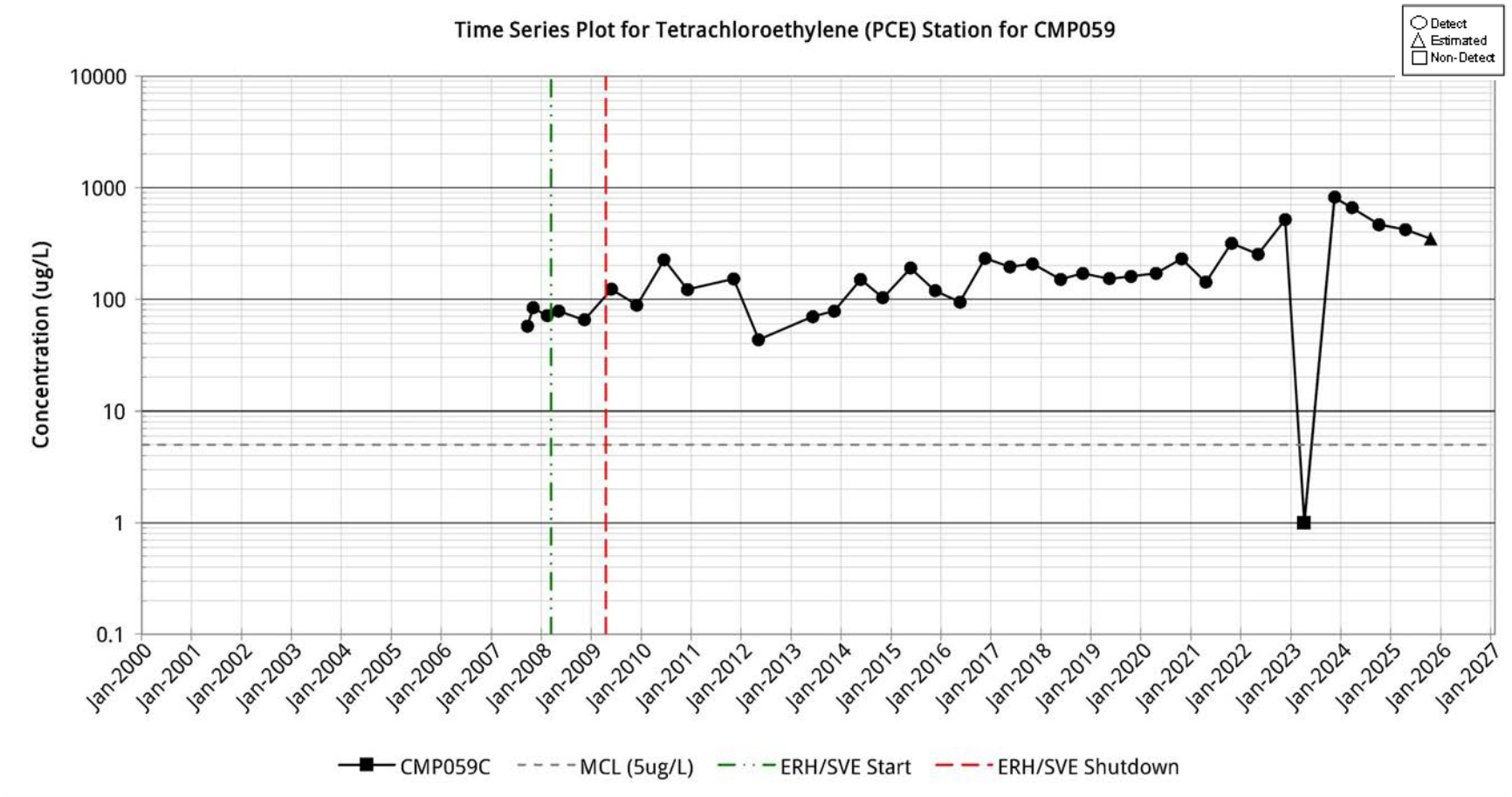

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 54
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 54C
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

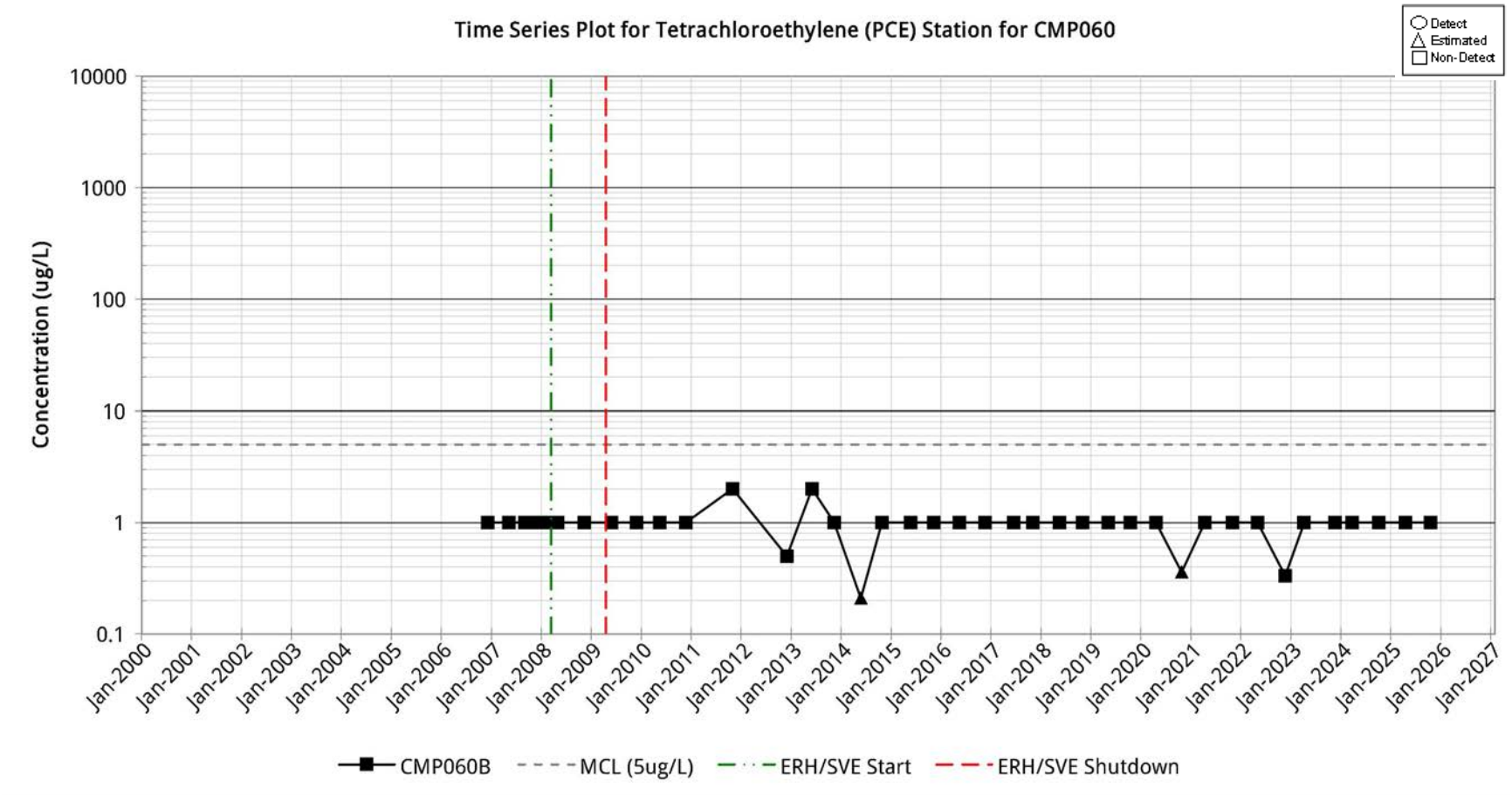

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 55
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 55C
CMP055A
CMP055B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

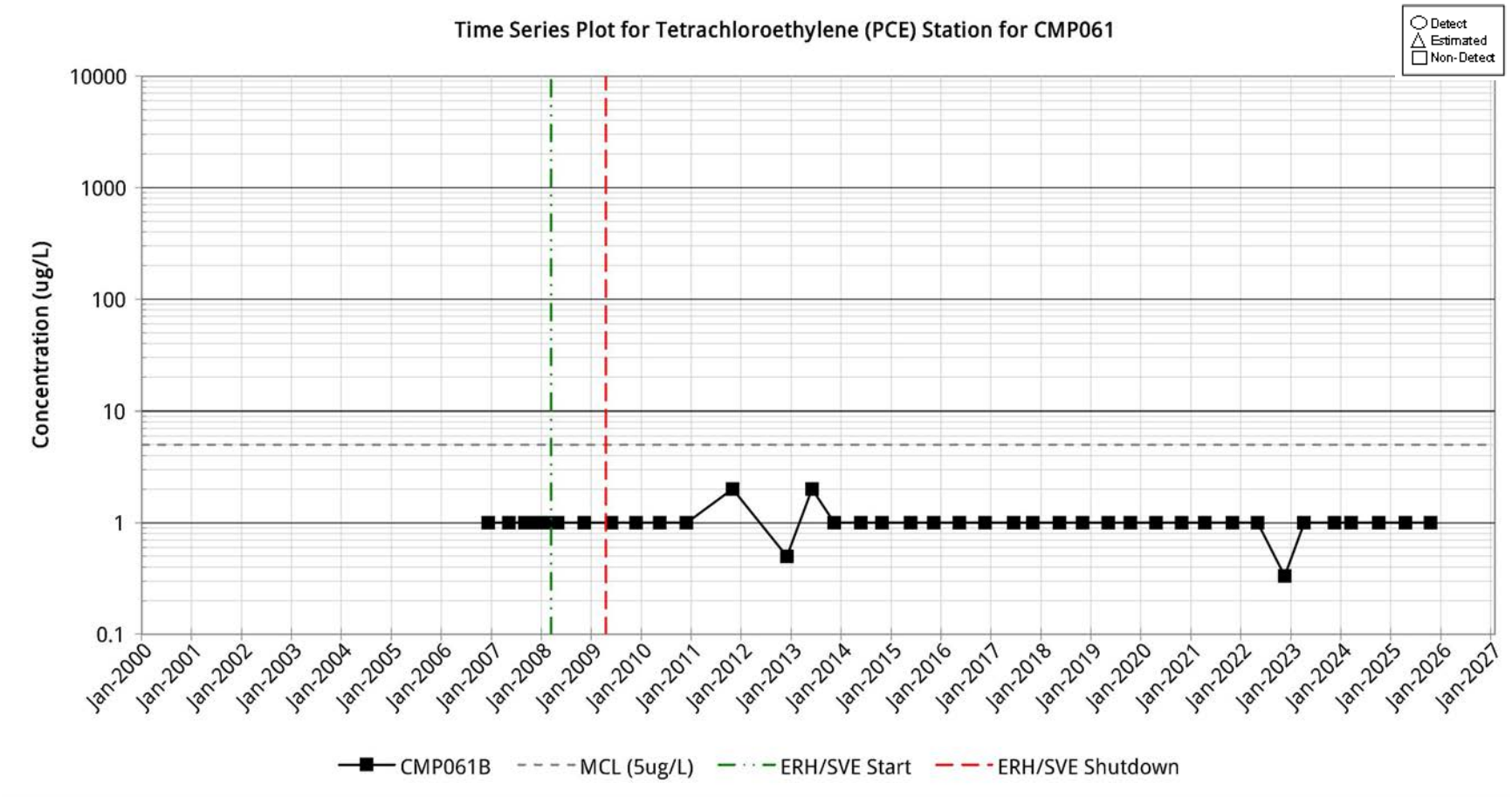

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 56
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 56B
CMP 56D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

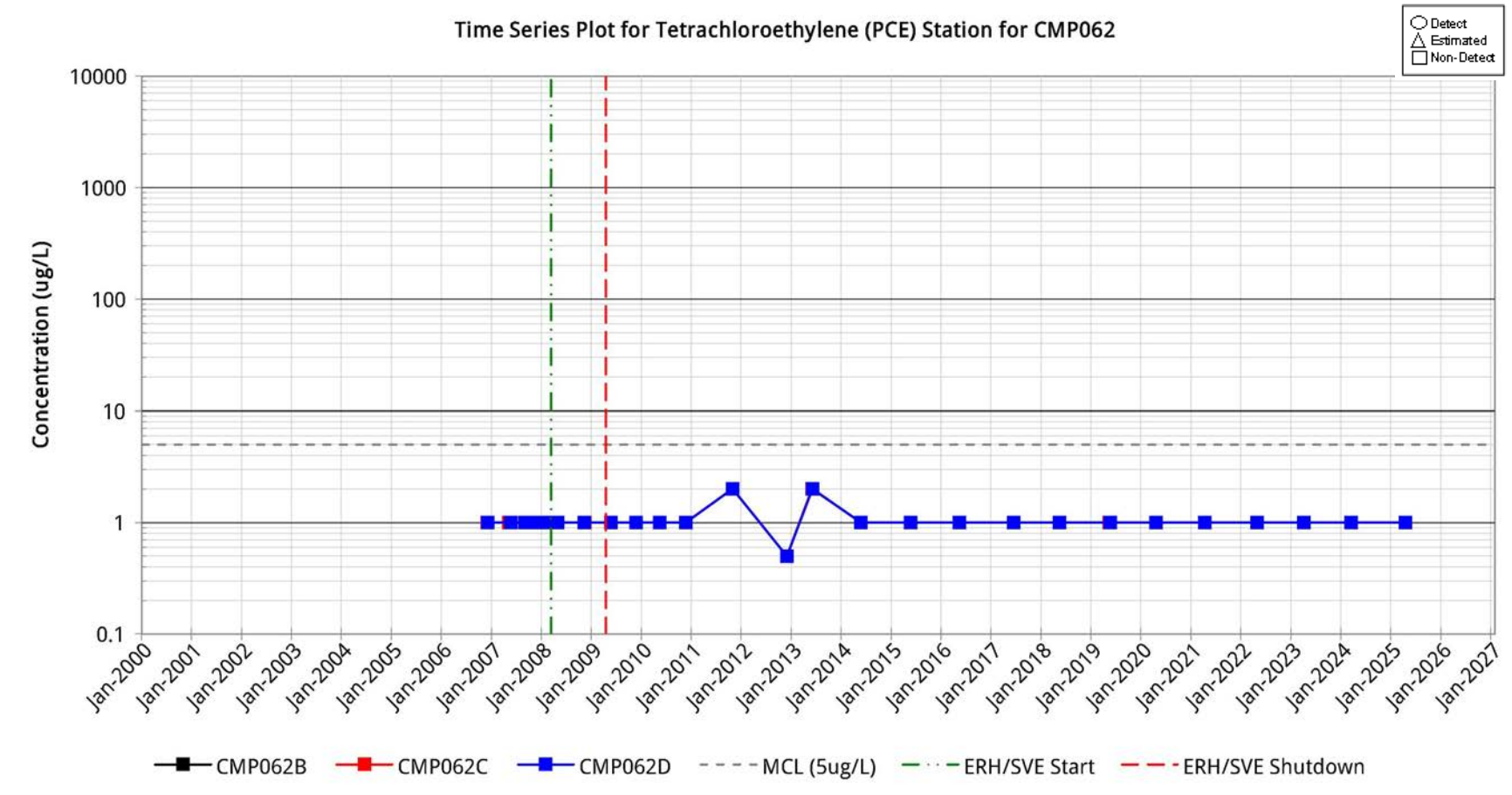

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP 57
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 57B
CMP 57D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

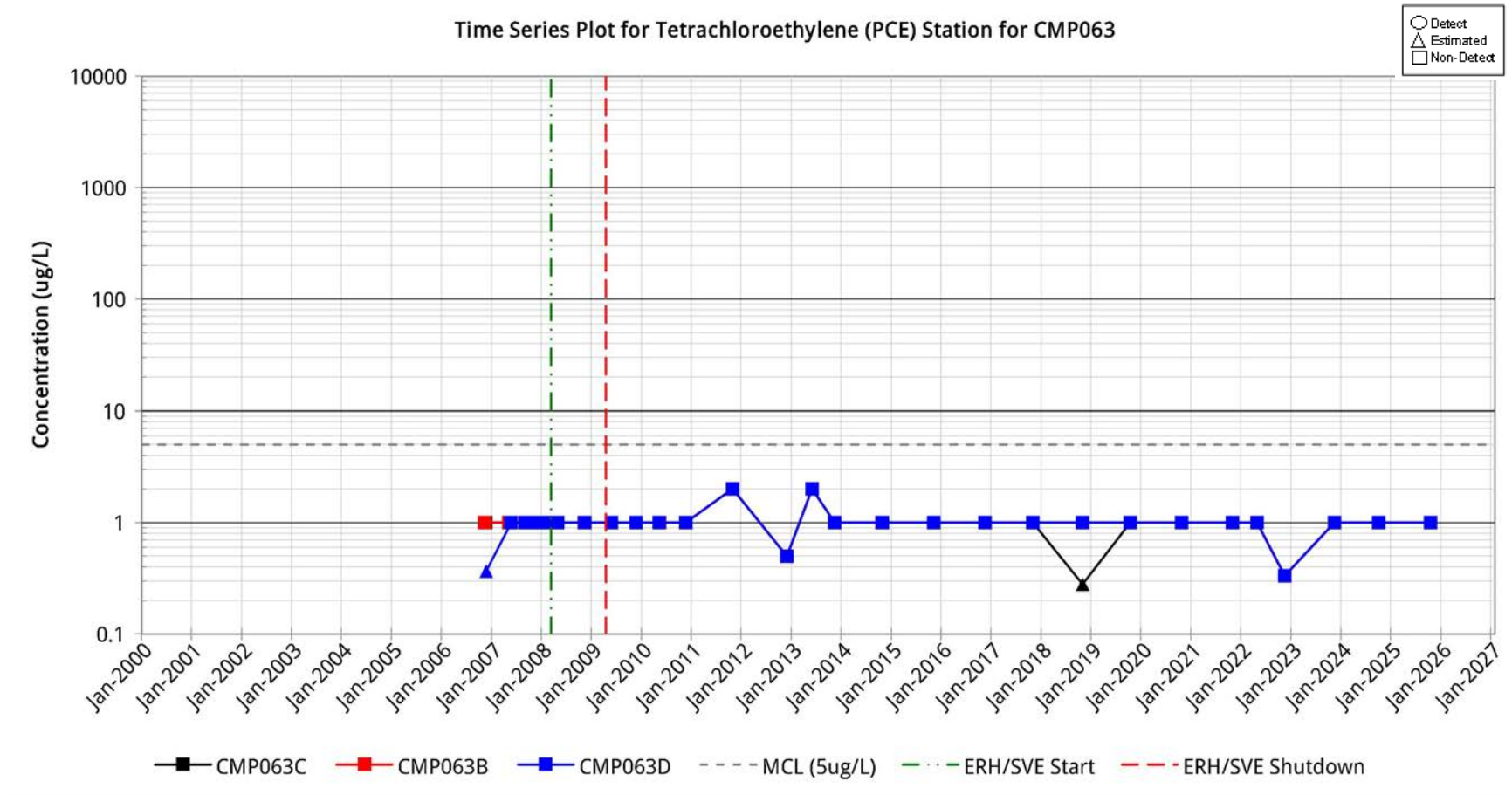

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP058
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP058B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

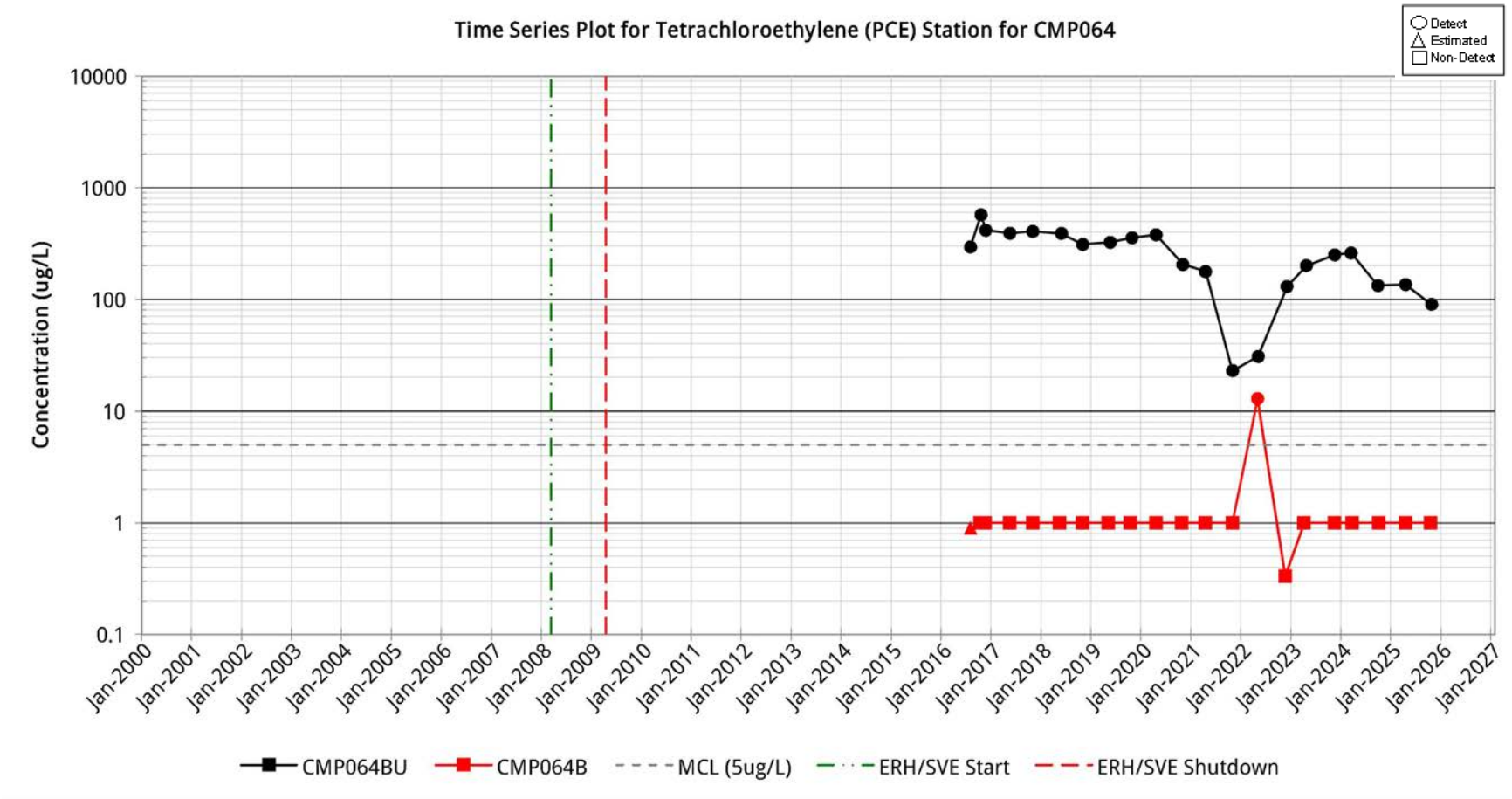

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP059
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP059C
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

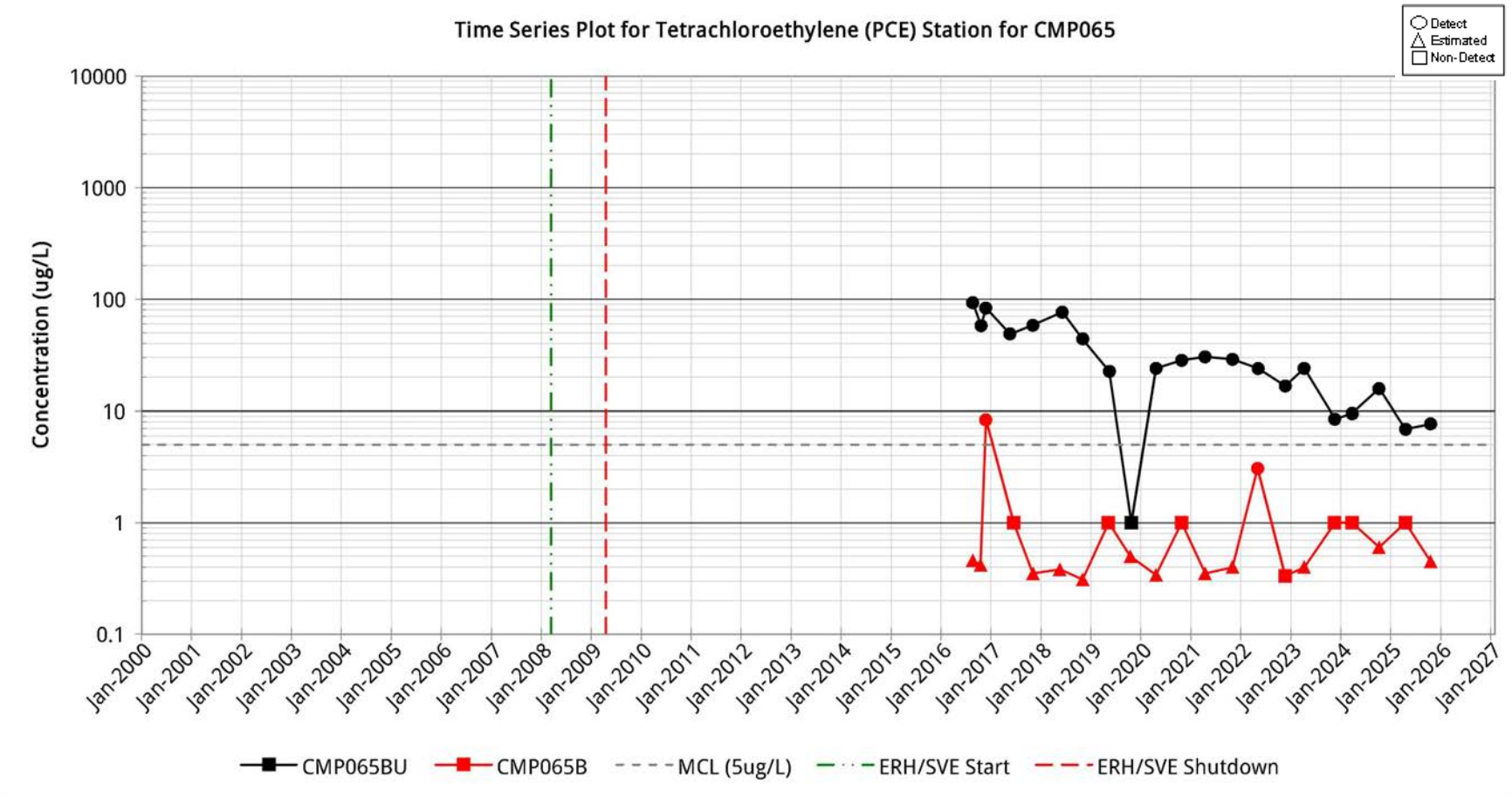

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP060
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP060B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

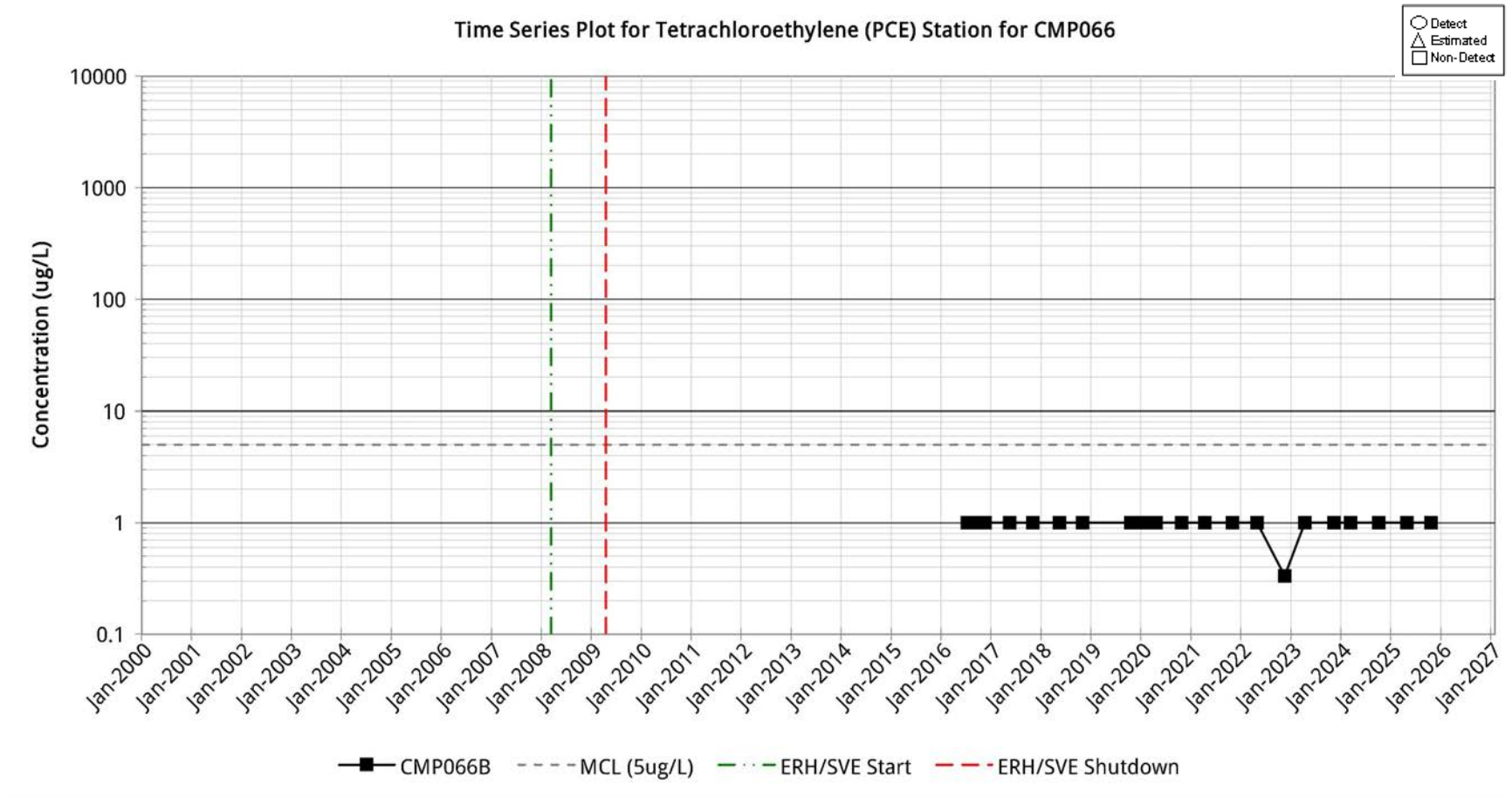

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP061
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP061B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

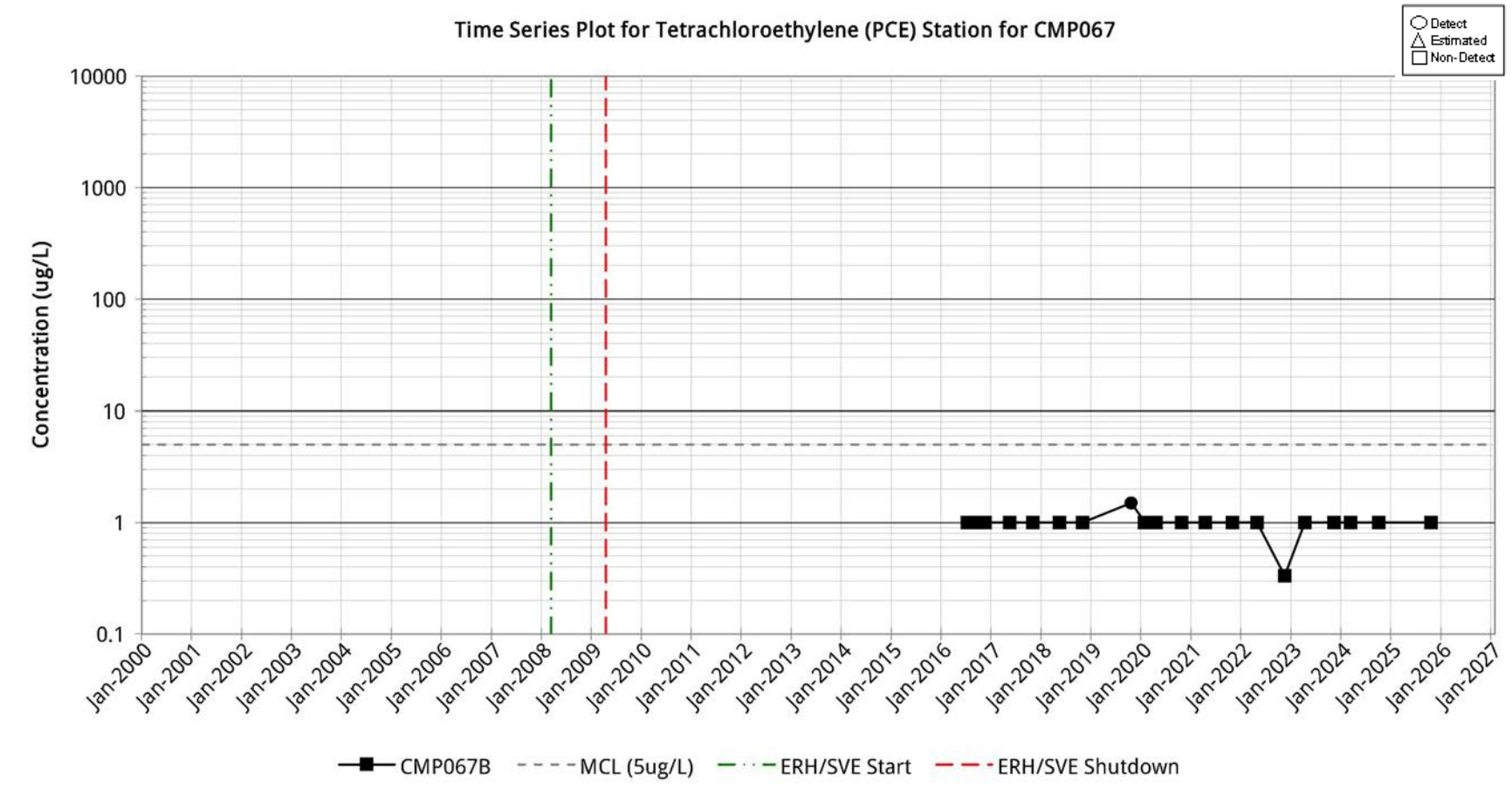

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP062
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP062B
CMP062C
CMP062D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

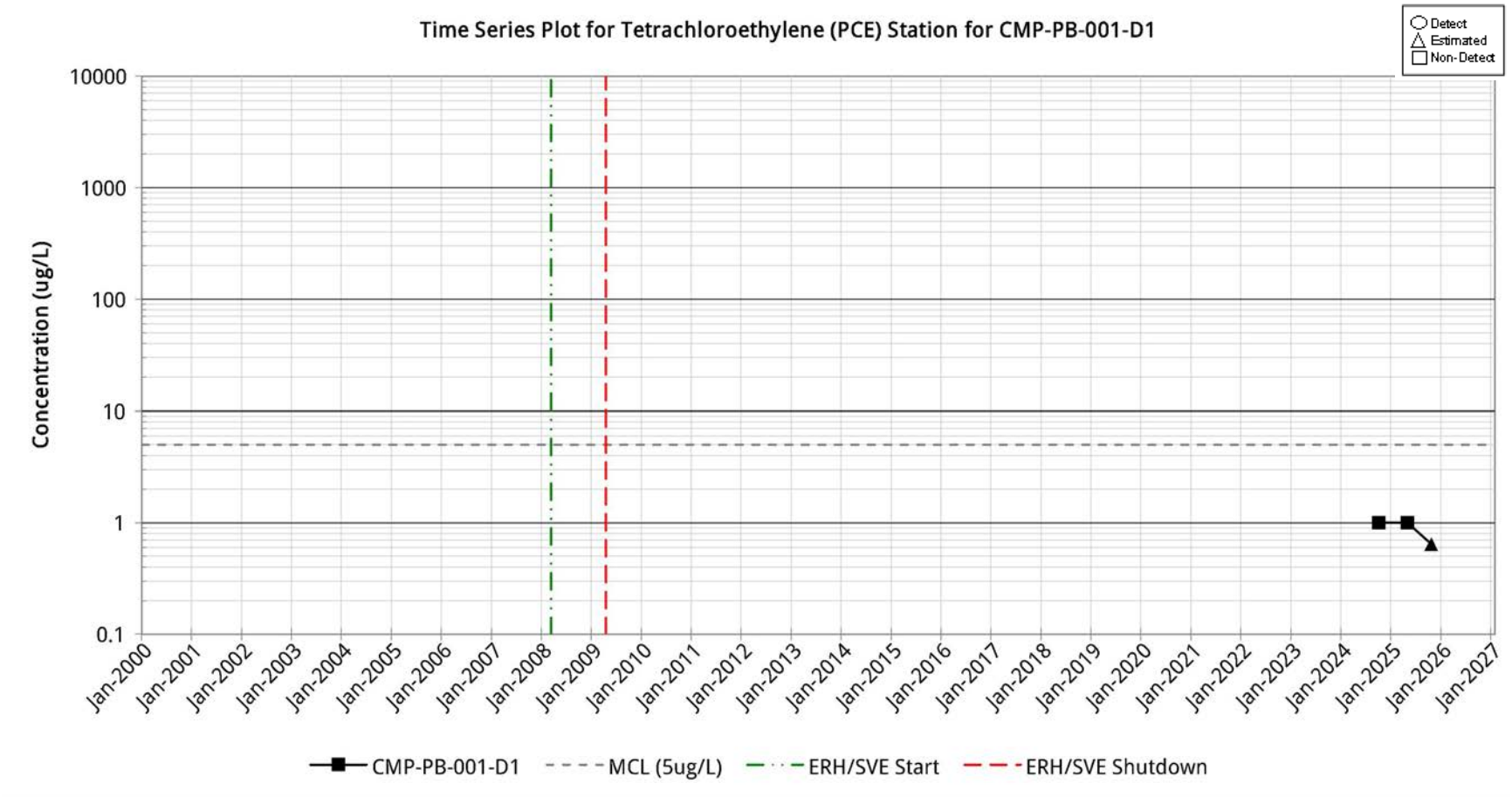

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP063
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP063C
CMP063B
CMP063D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

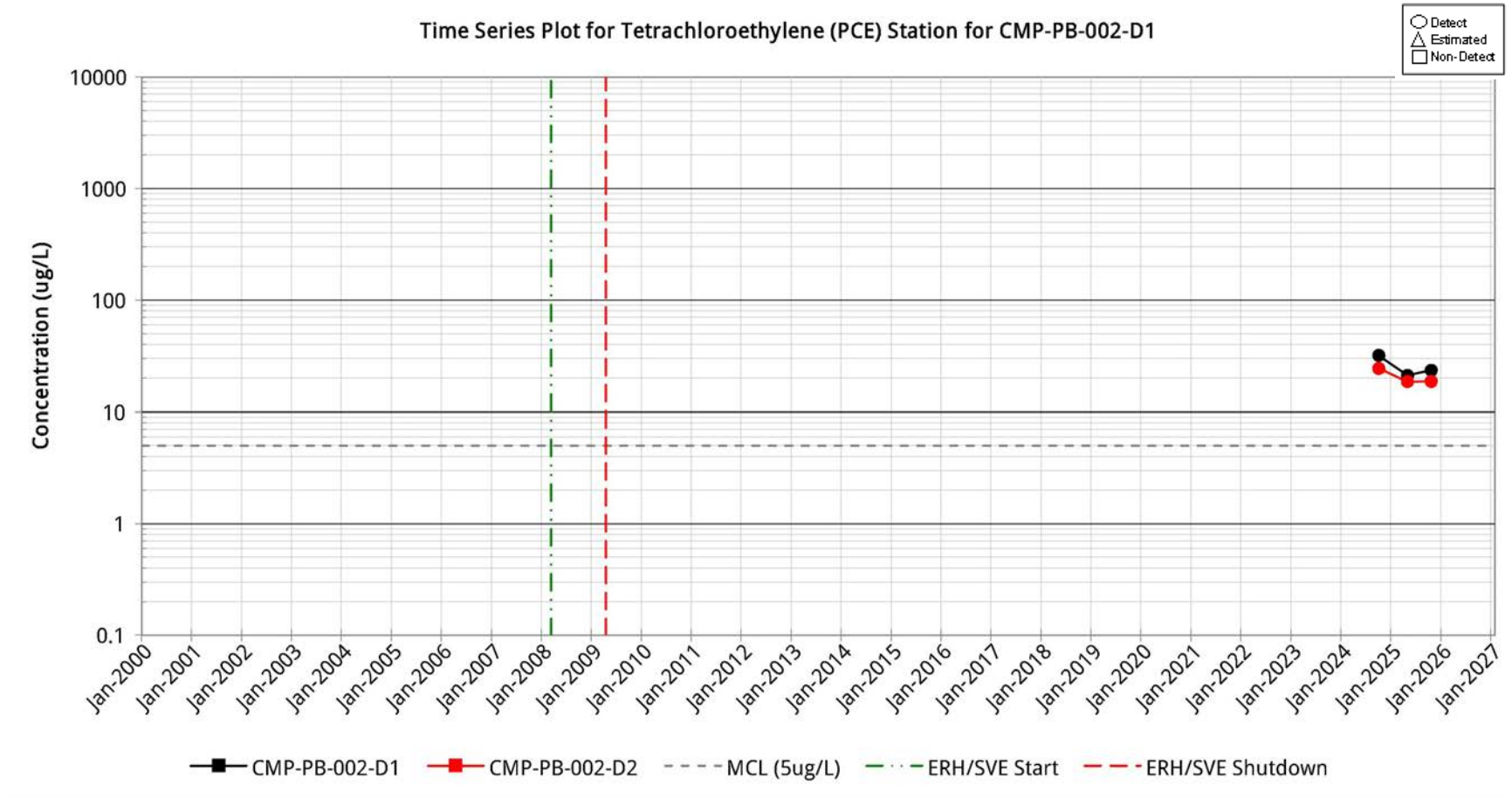

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP064
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP064BU
CMP064B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

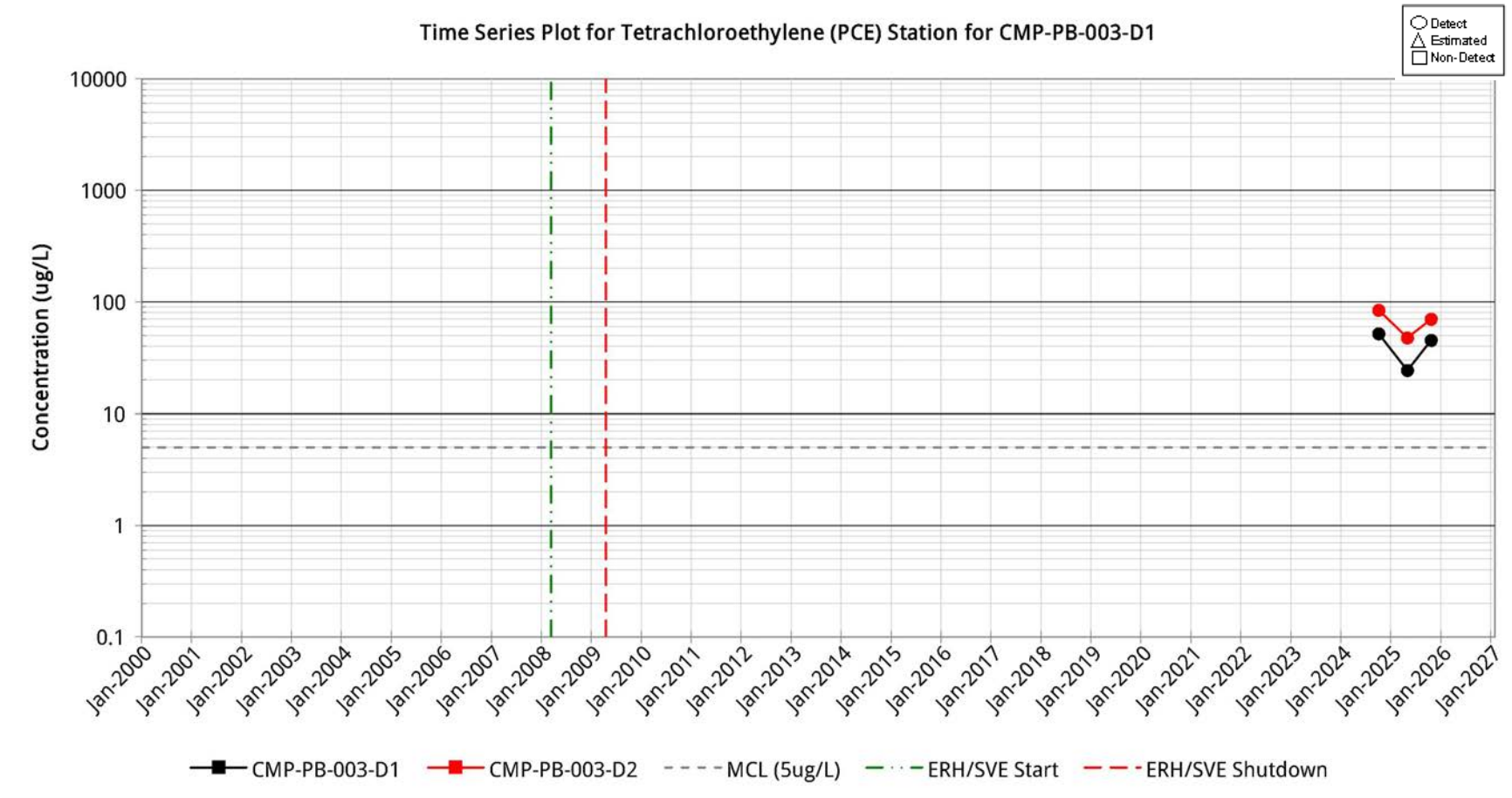

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP065
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP065BU
CMP065B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

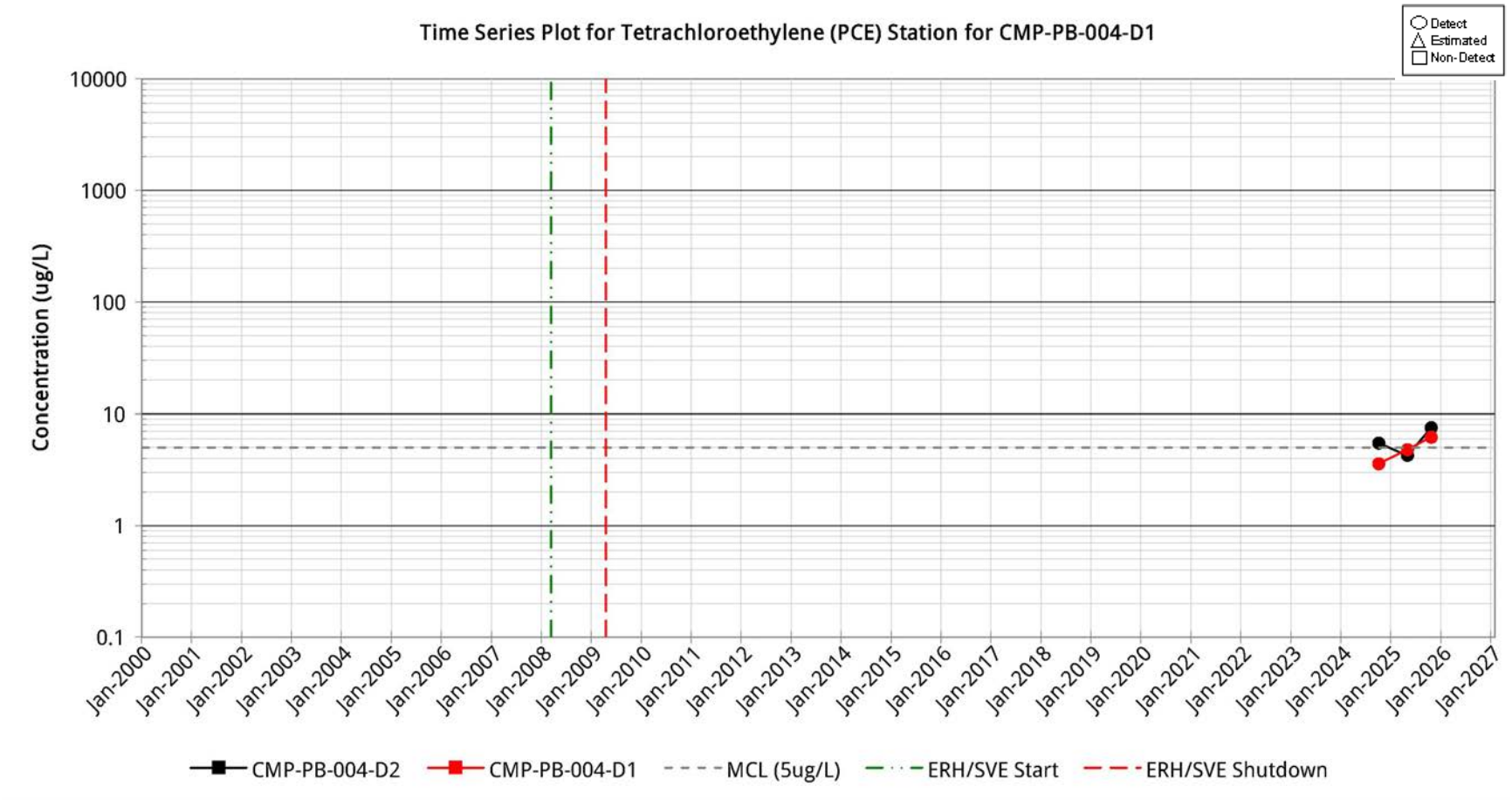

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP066
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP066B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

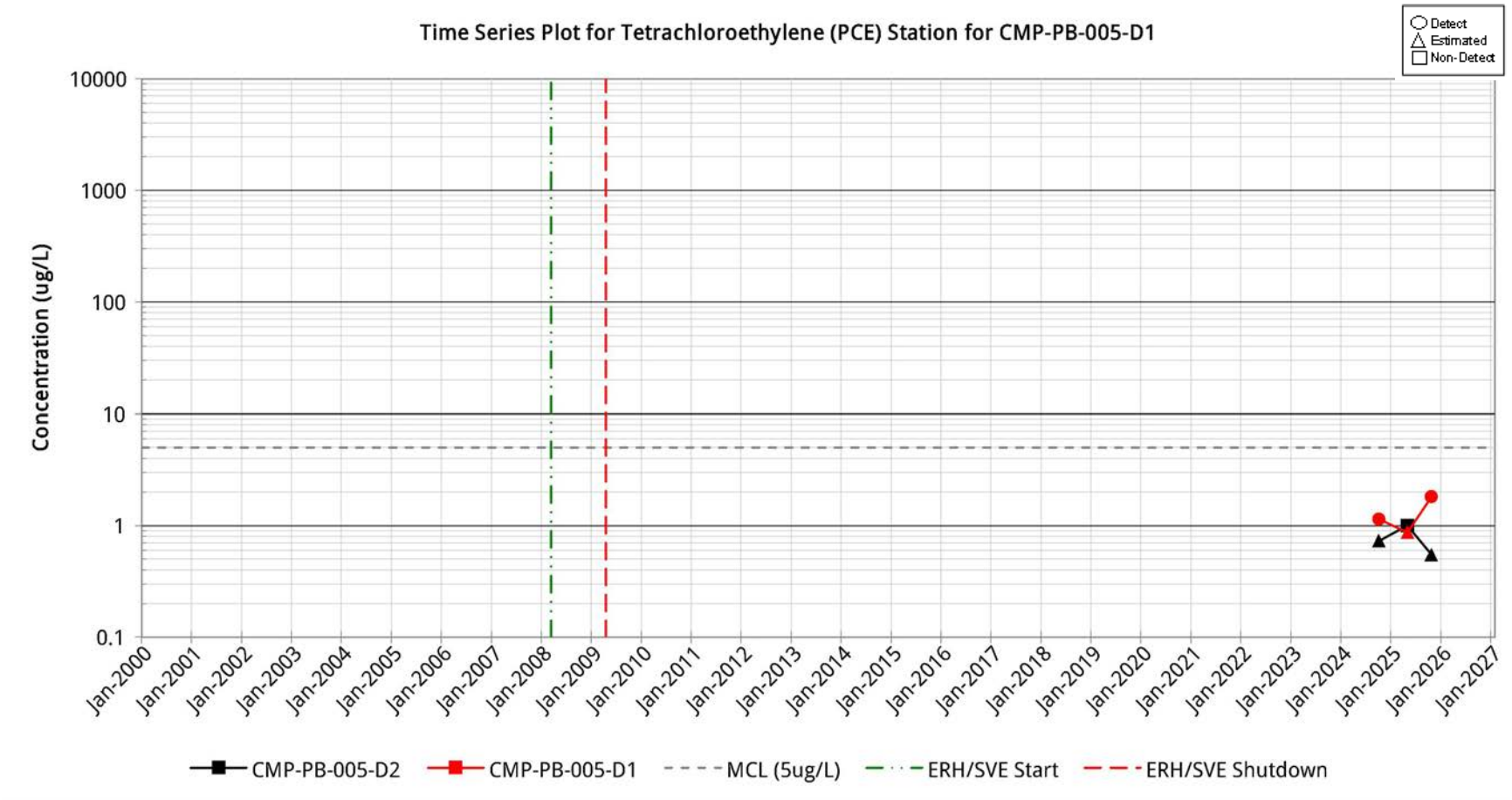

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP067
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
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Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP067B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

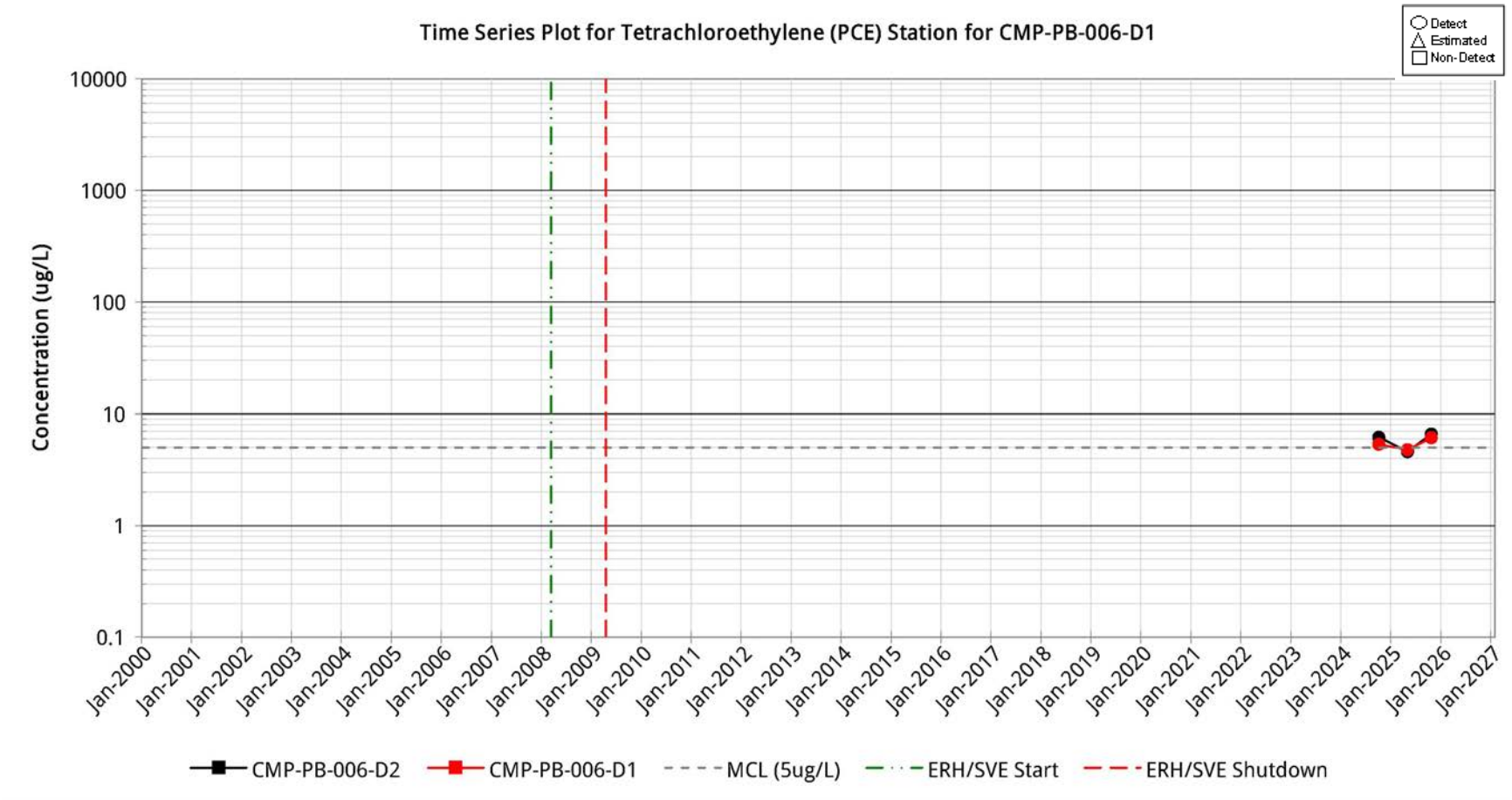

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP-PB-001-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
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Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-001-D1
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

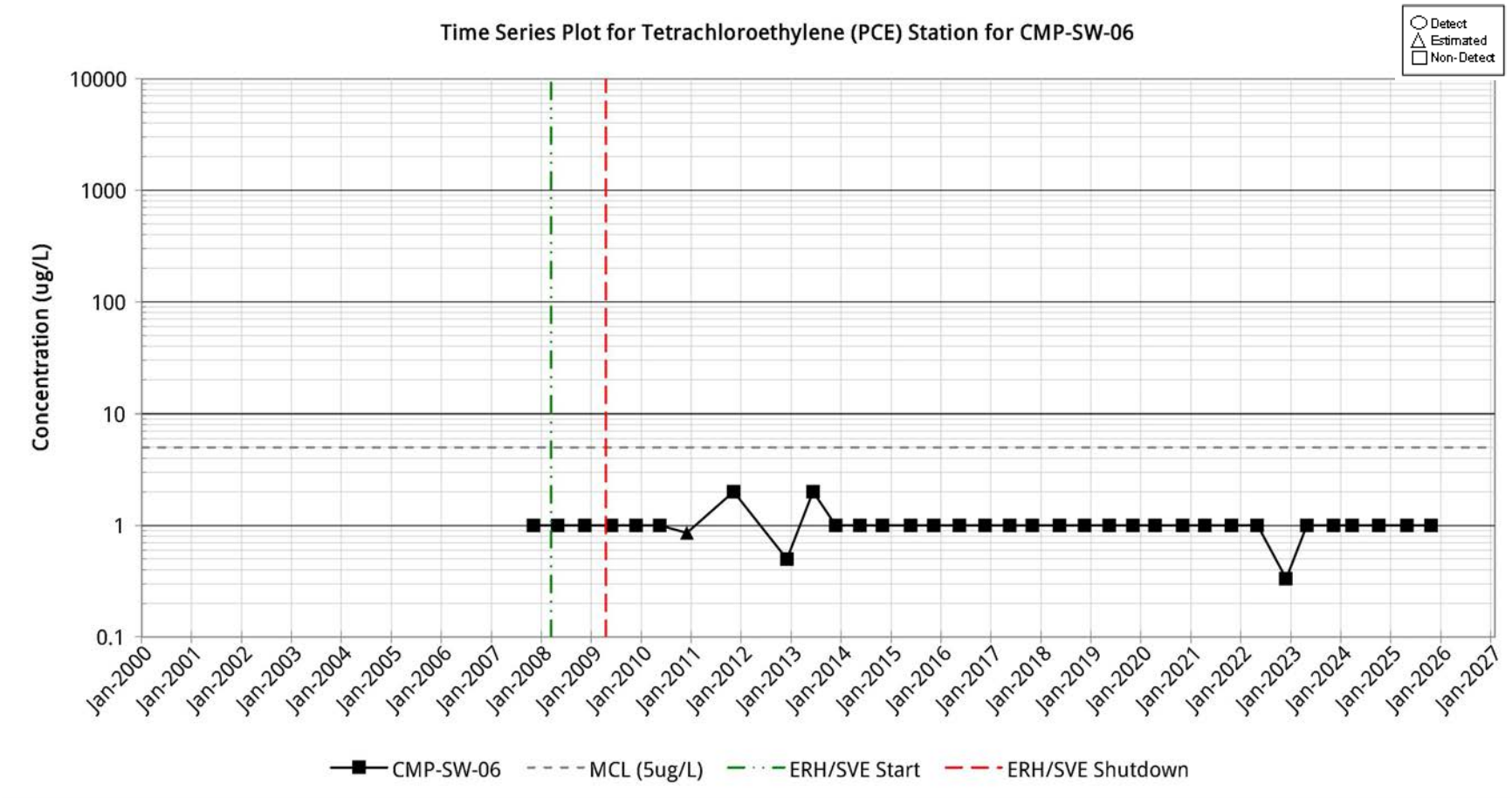

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP-PB-002-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-002-D1
CMP-PB-002-D2
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

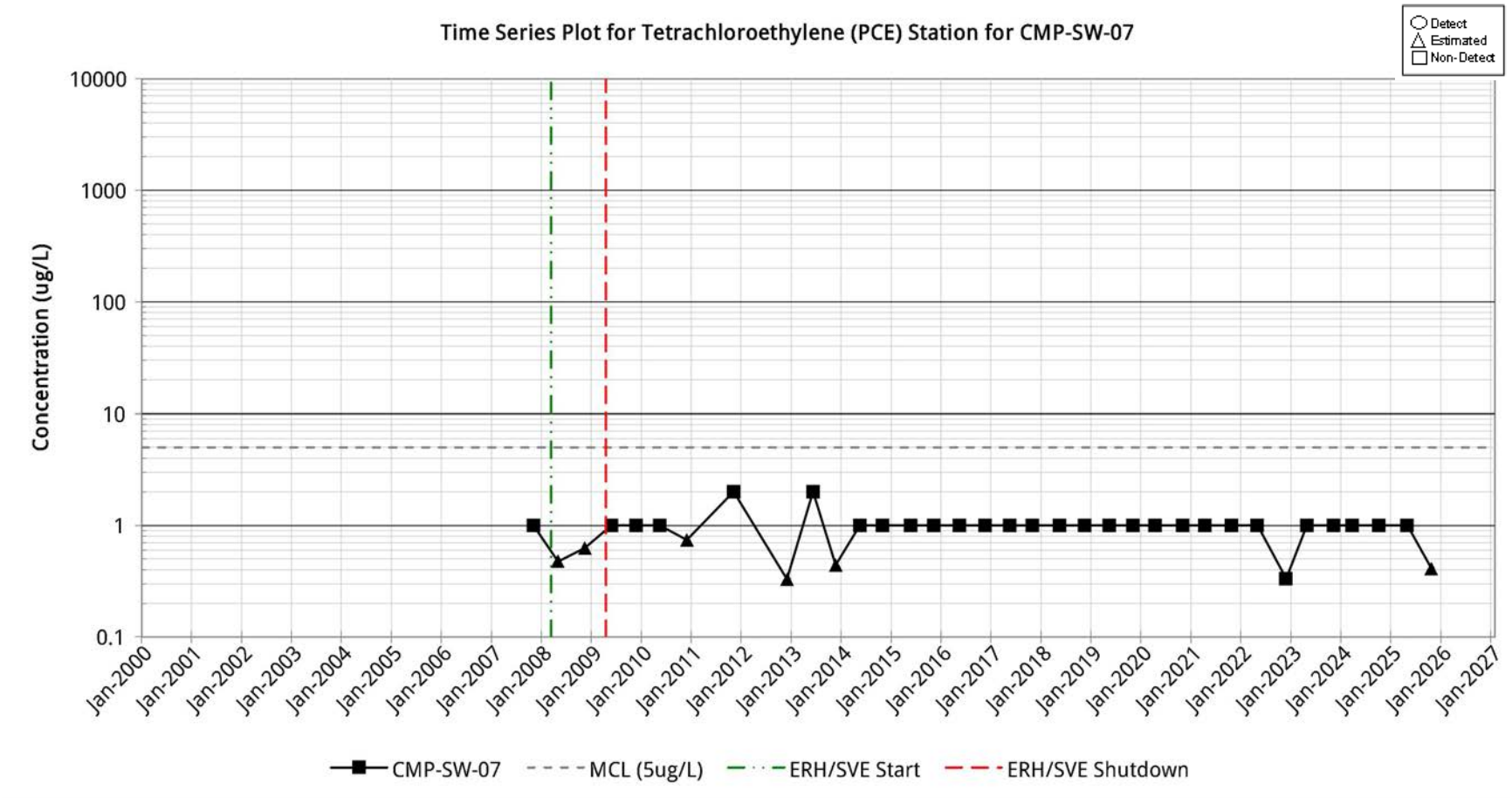

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP-PB-003-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
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Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-003-D1
CMP-PB-003-D2
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

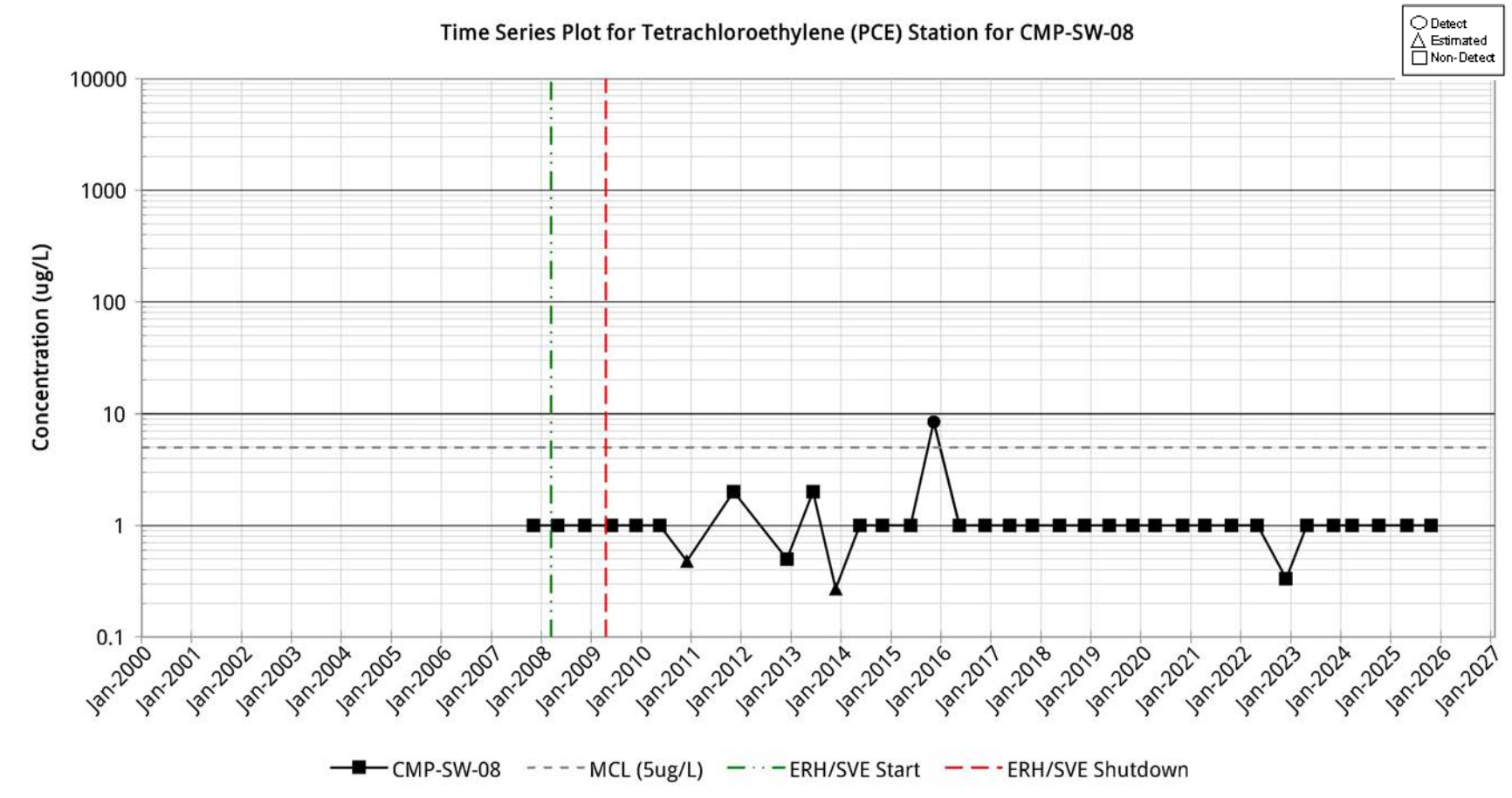

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP-PB-004-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-004-D2
CMP-PB-004-D1
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

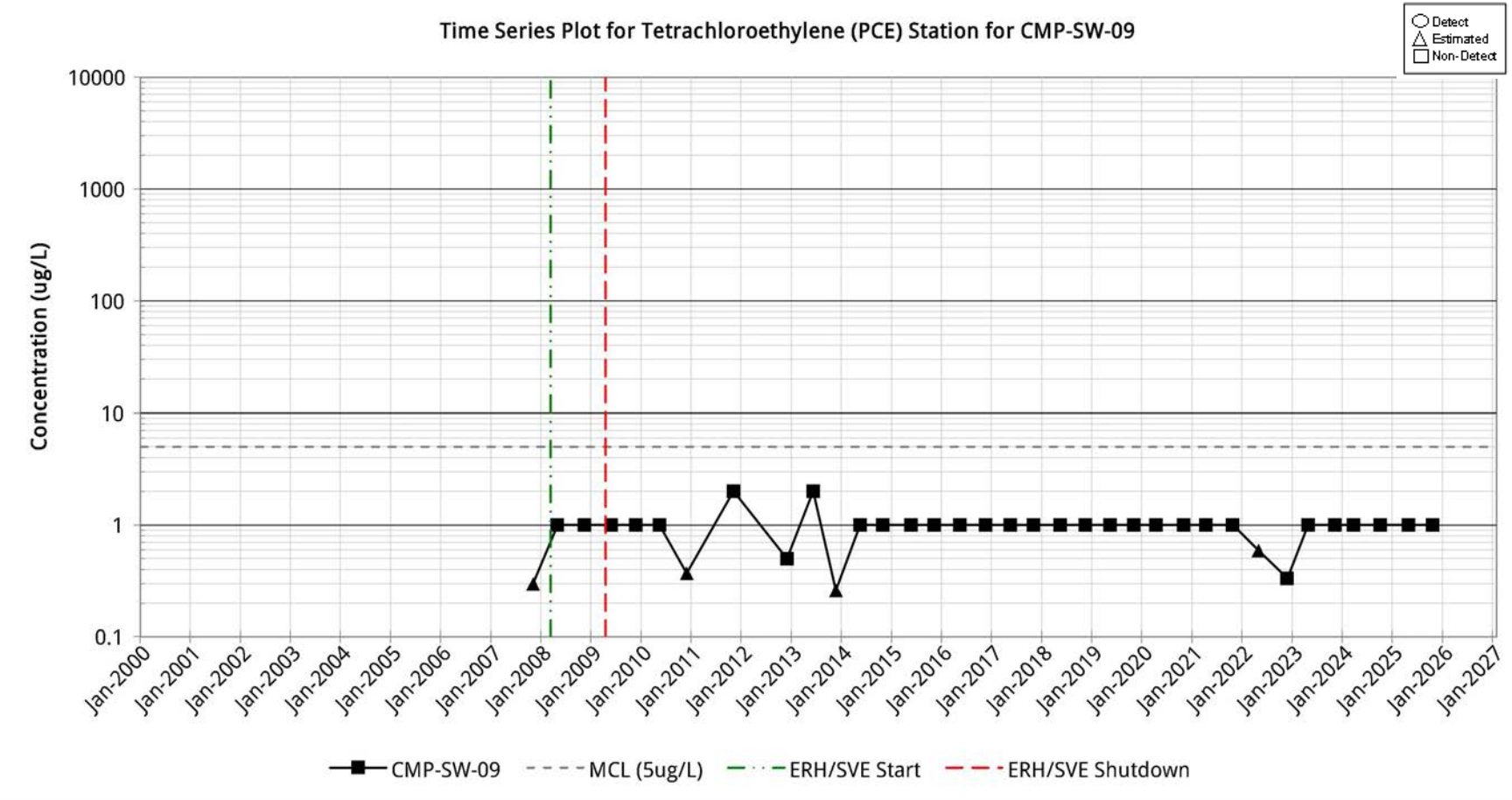

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP-PB-005-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-005-D2
CMP-PB-005-D1
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

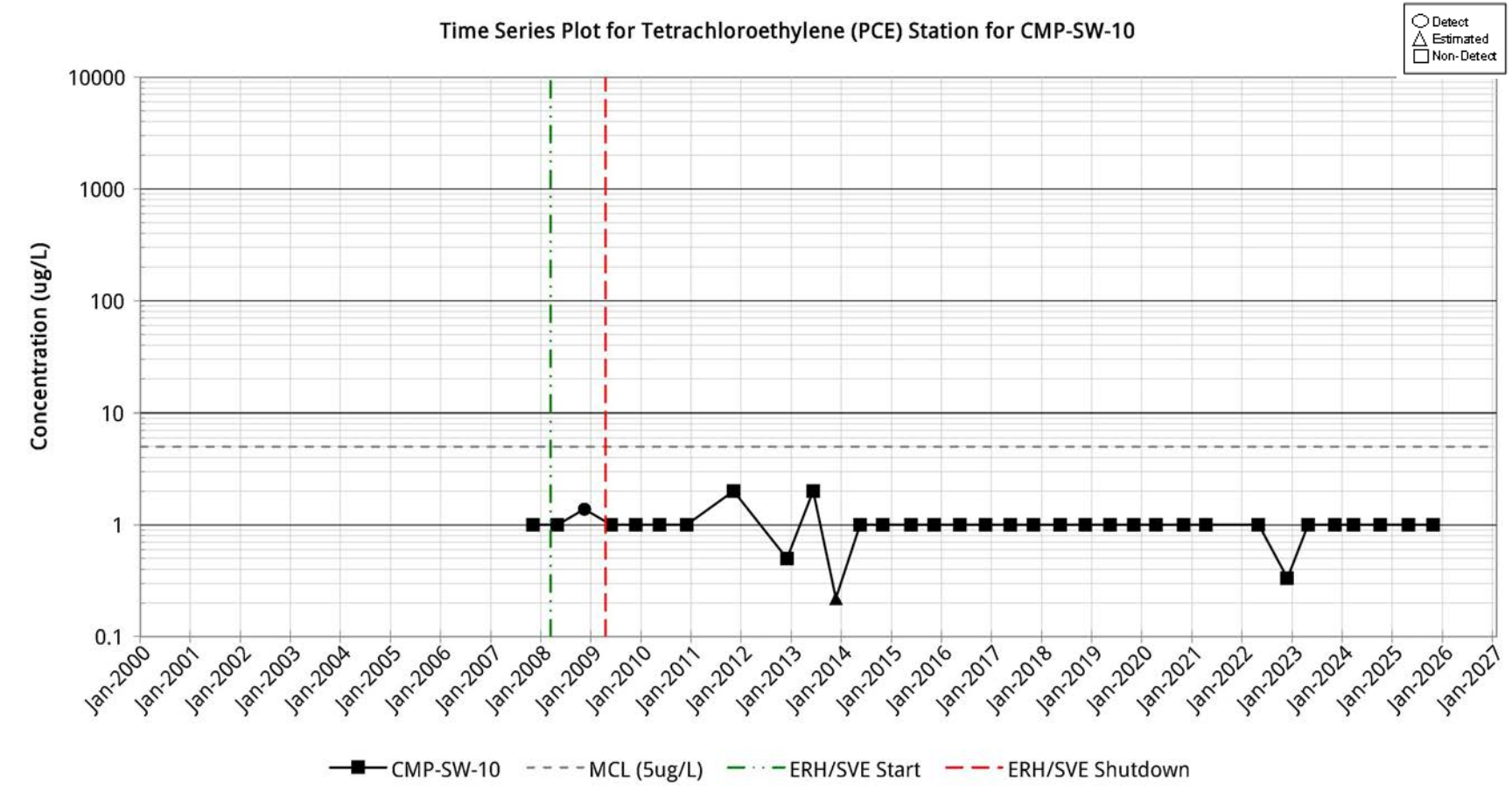

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP-PB-006-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-006-D2
CMP-PB-006-D1
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

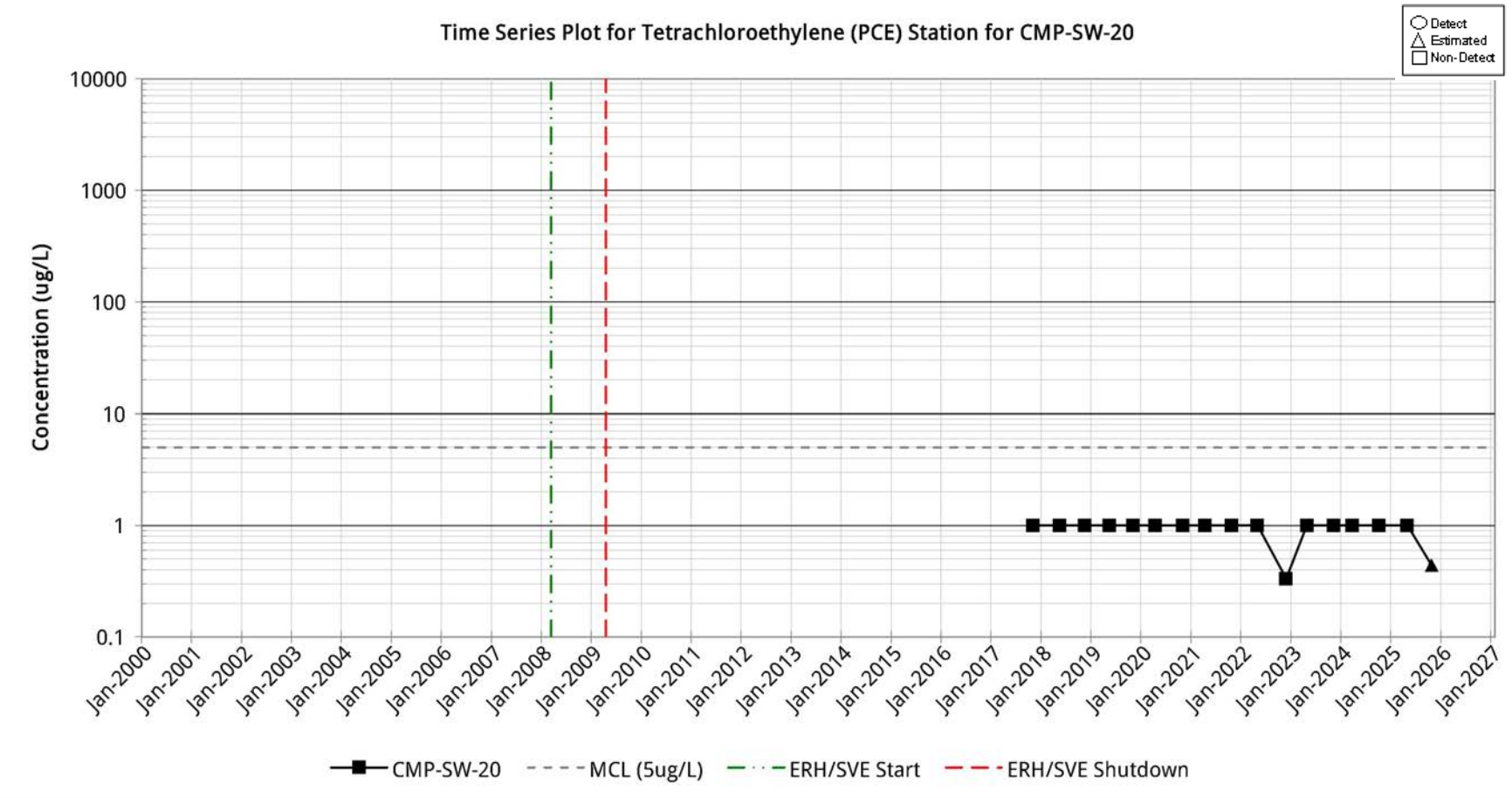

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP-SW-06
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
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Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
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Jan-2026
Jan-2027
CMP-SW-06
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

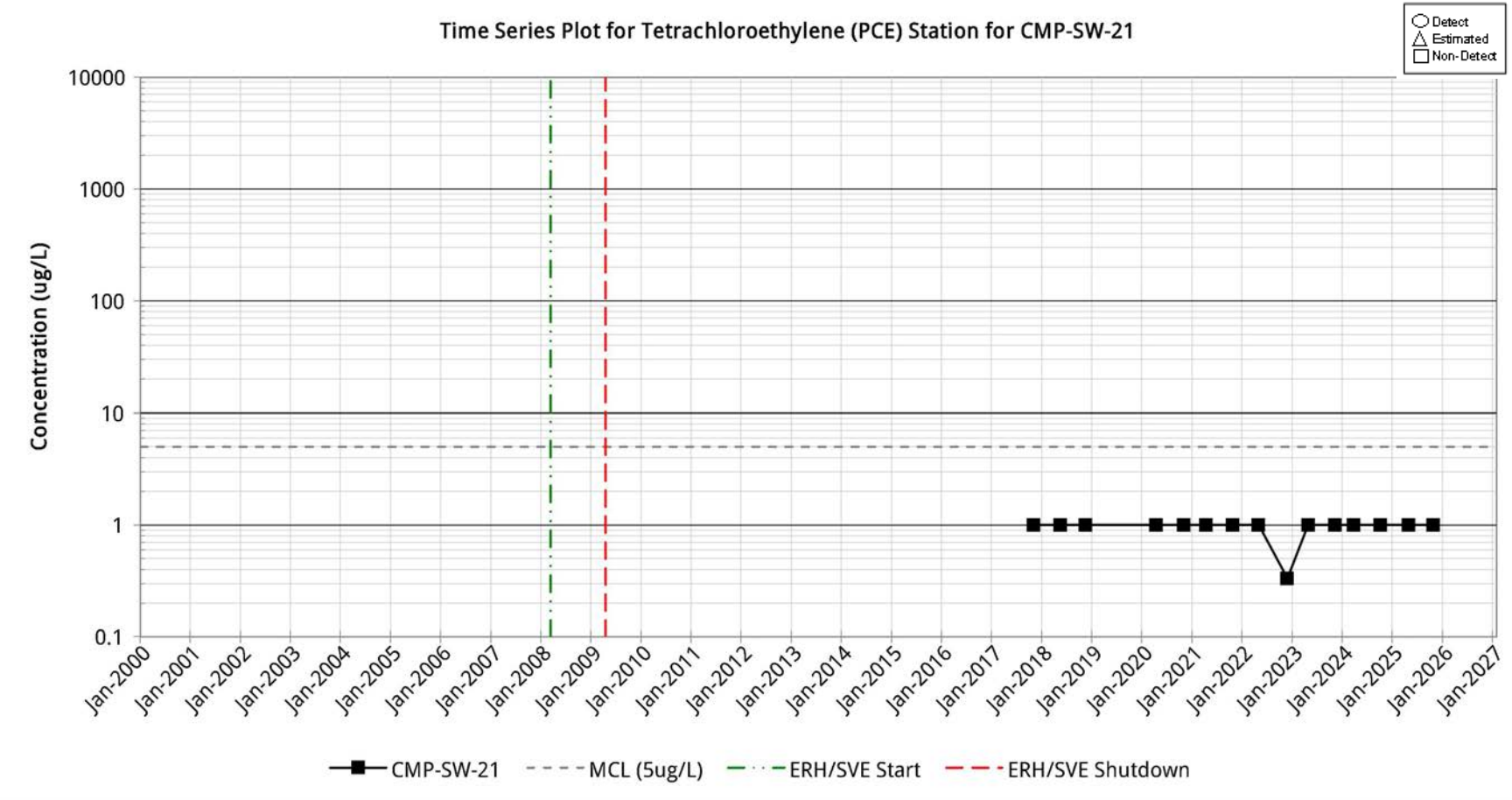

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP-SW-07
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-07
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

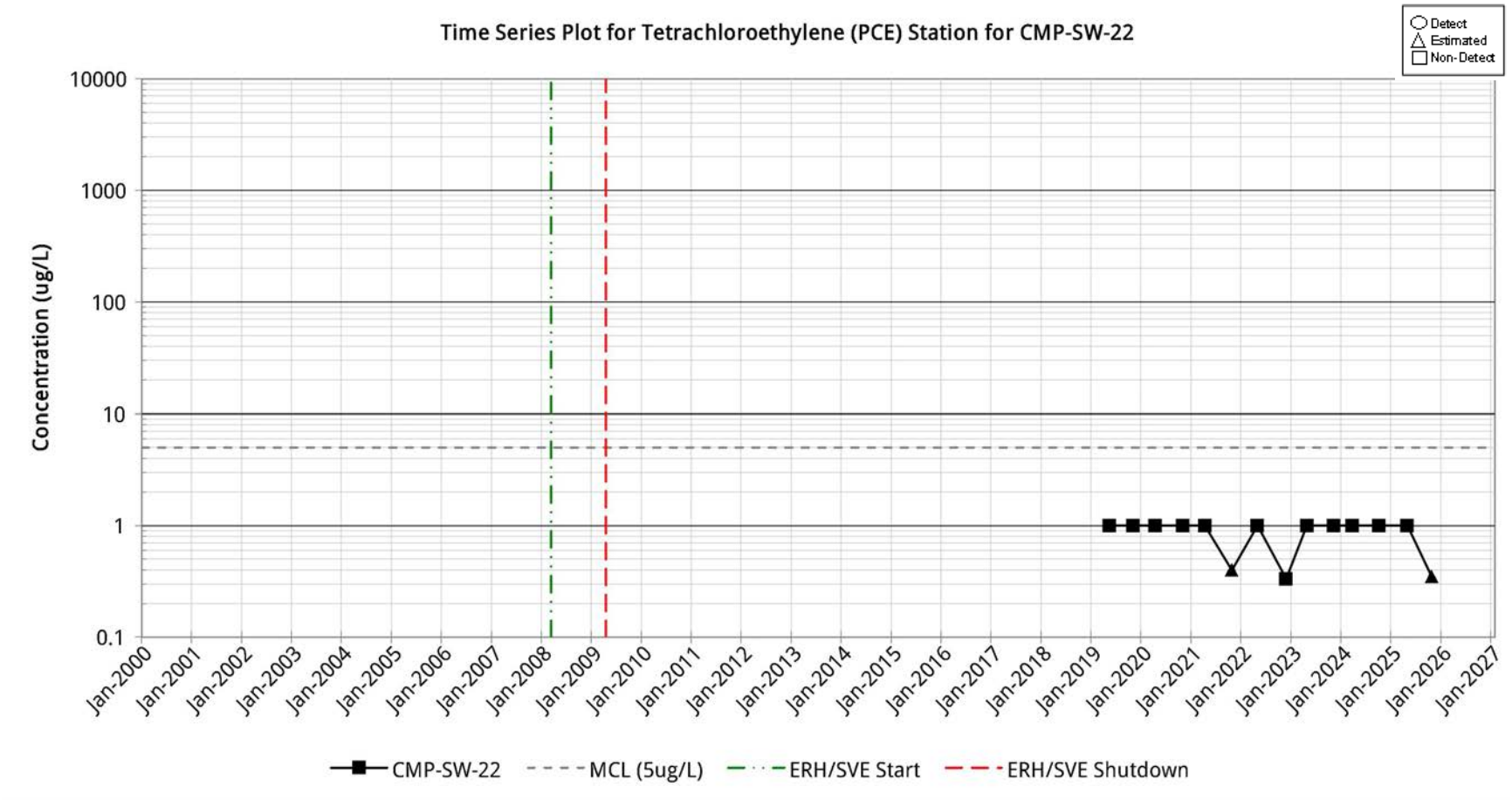

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP-SW-08
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-08
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

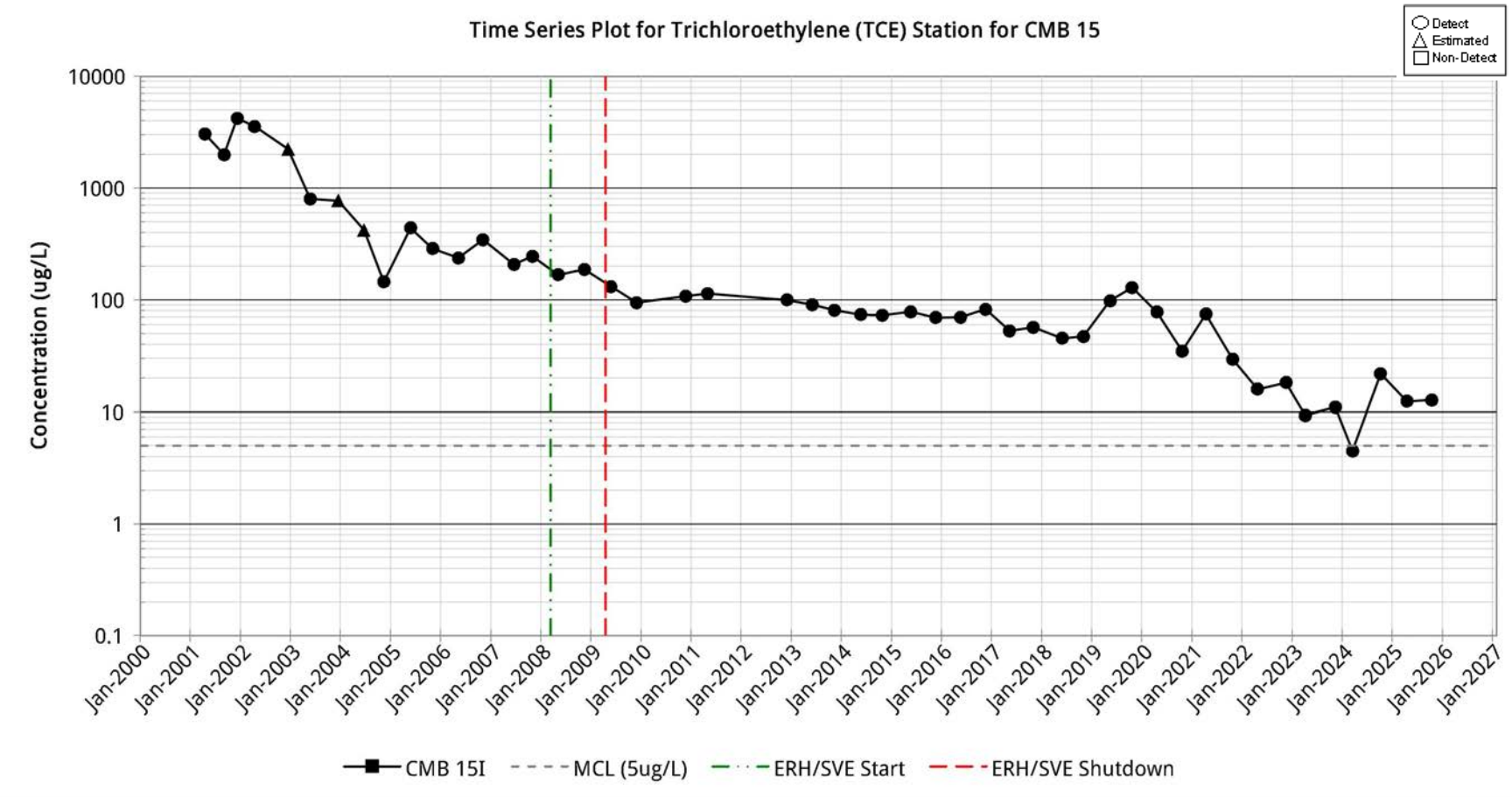

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP-SW-09
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-09
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

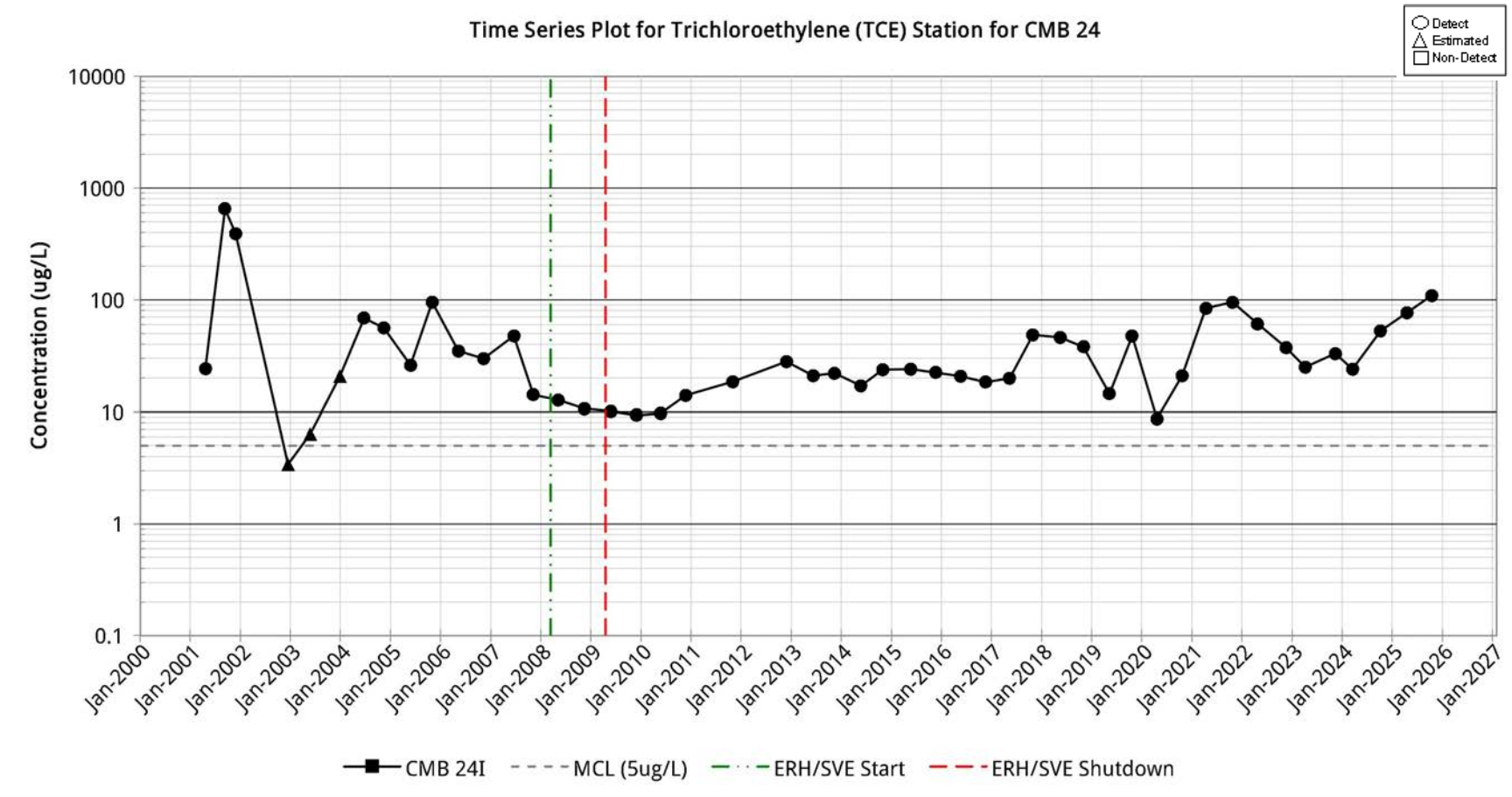

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP-SW-10
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-10
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

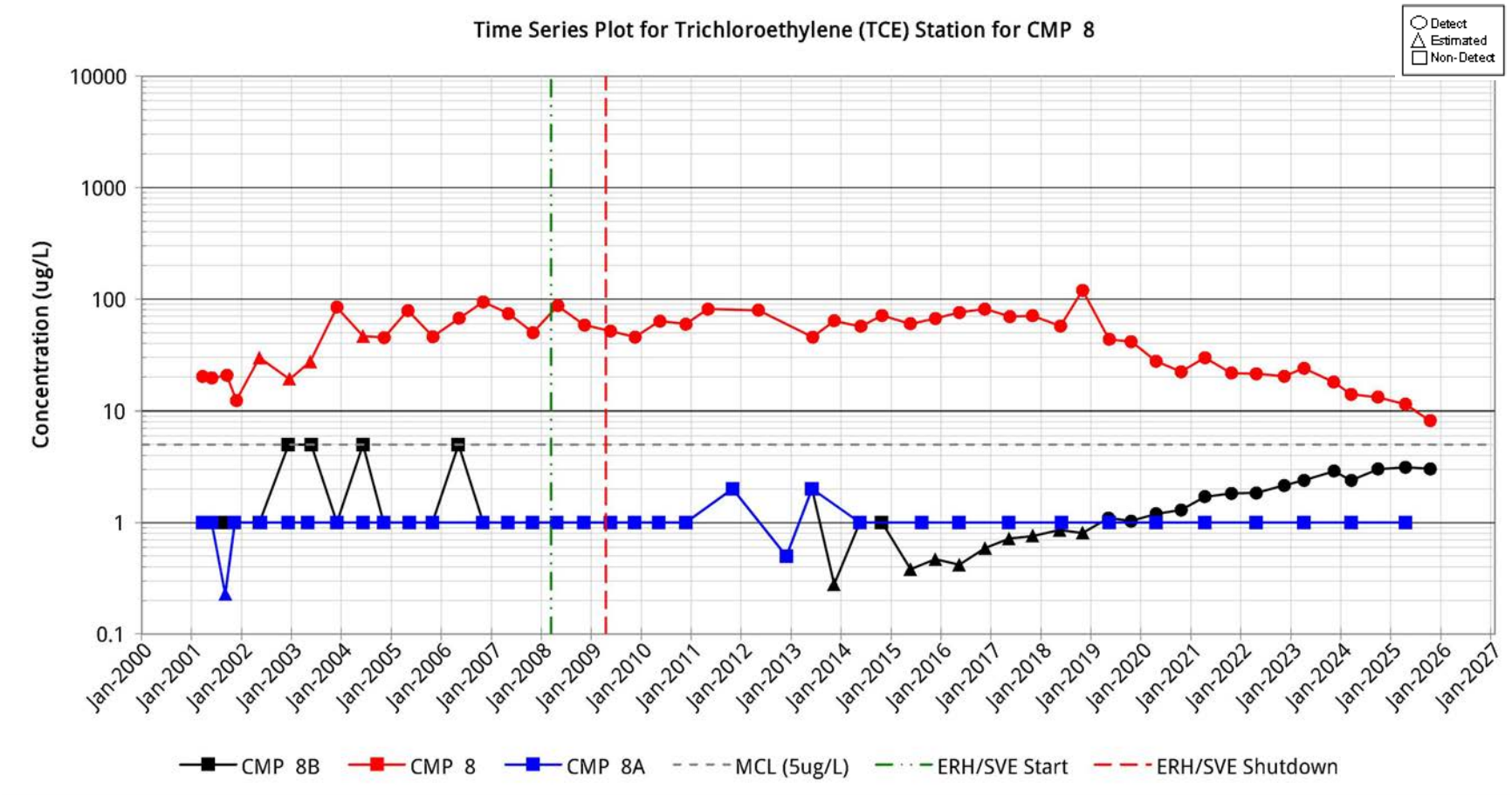

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP-SW-20
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-20
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

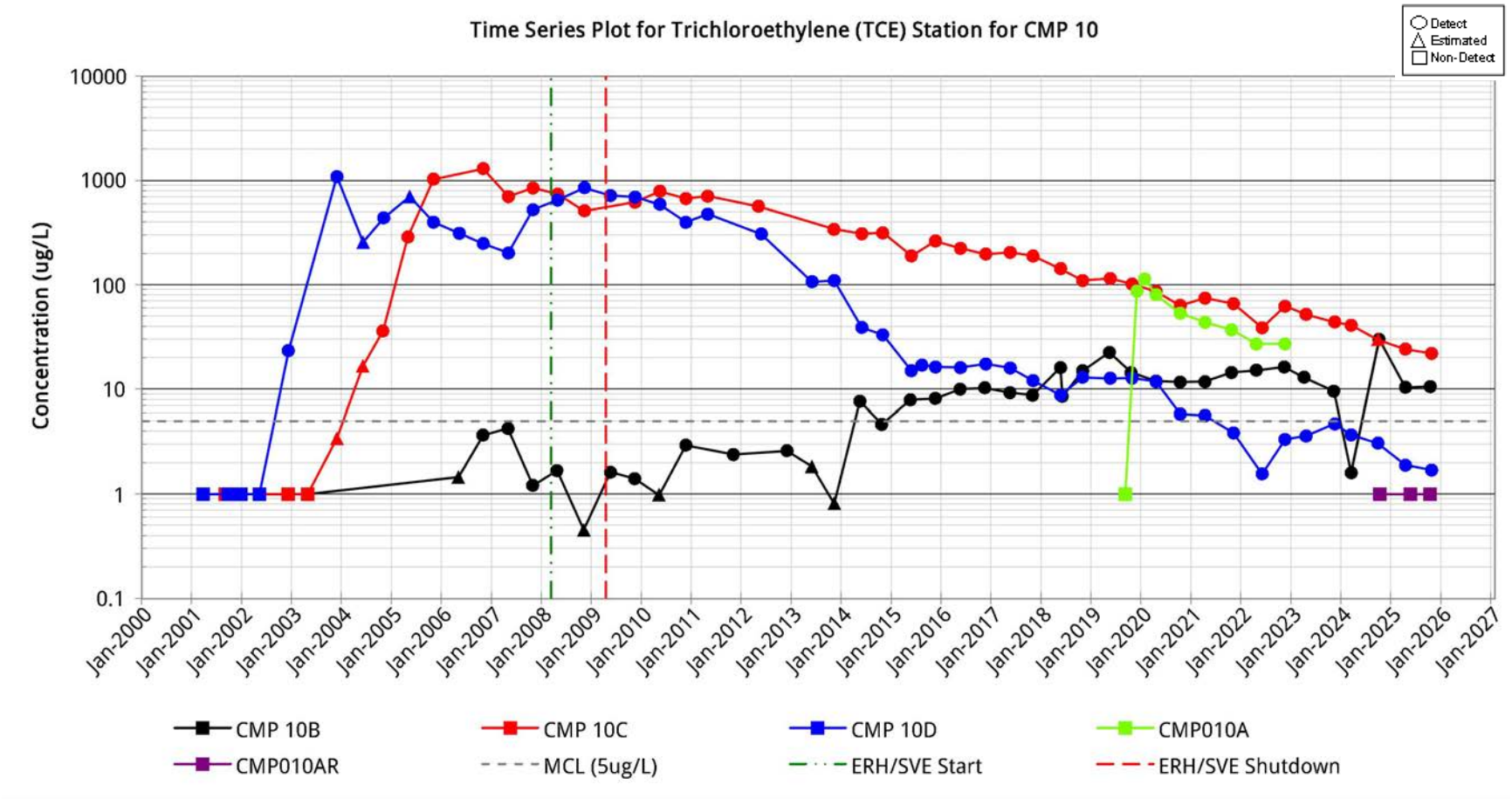

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP-SW-21
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-21
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

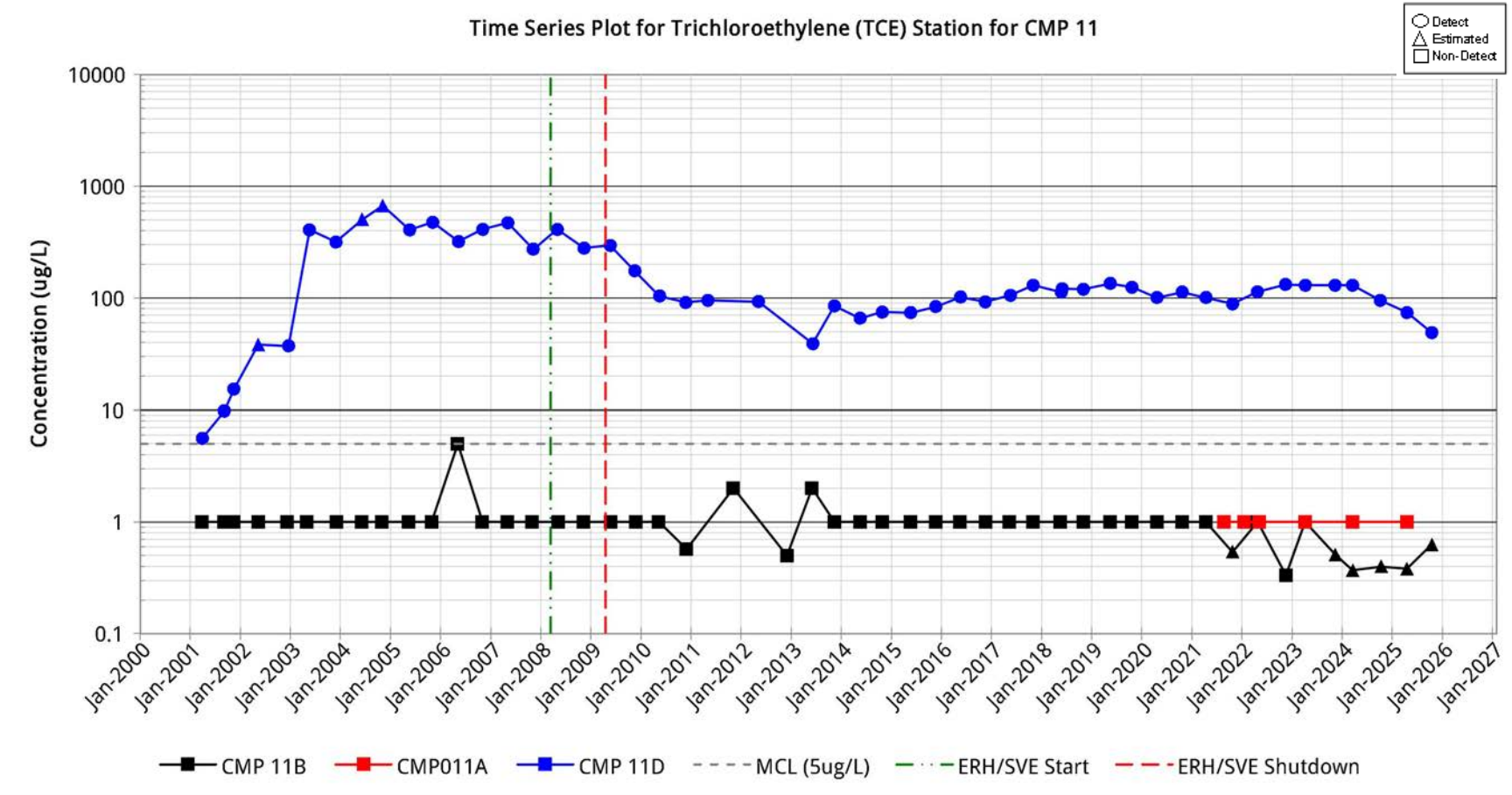

Time Series Plot for Tetrachloroethylene (PCE) Station for CMP-SW-22
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-22
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

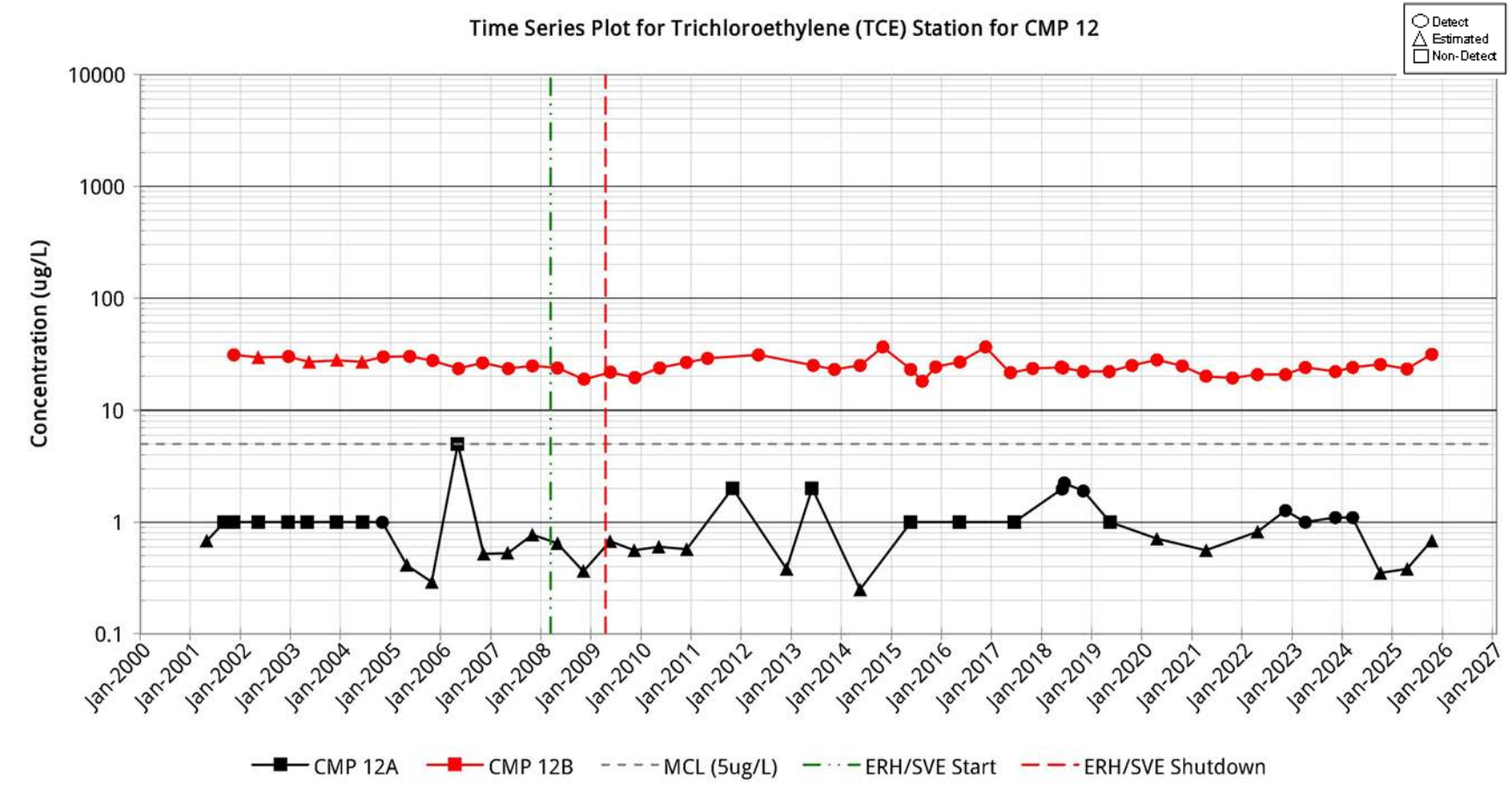

Time Series Plot for Trichloroethylene (TCE) Station for CMB 15
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMB 15I
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

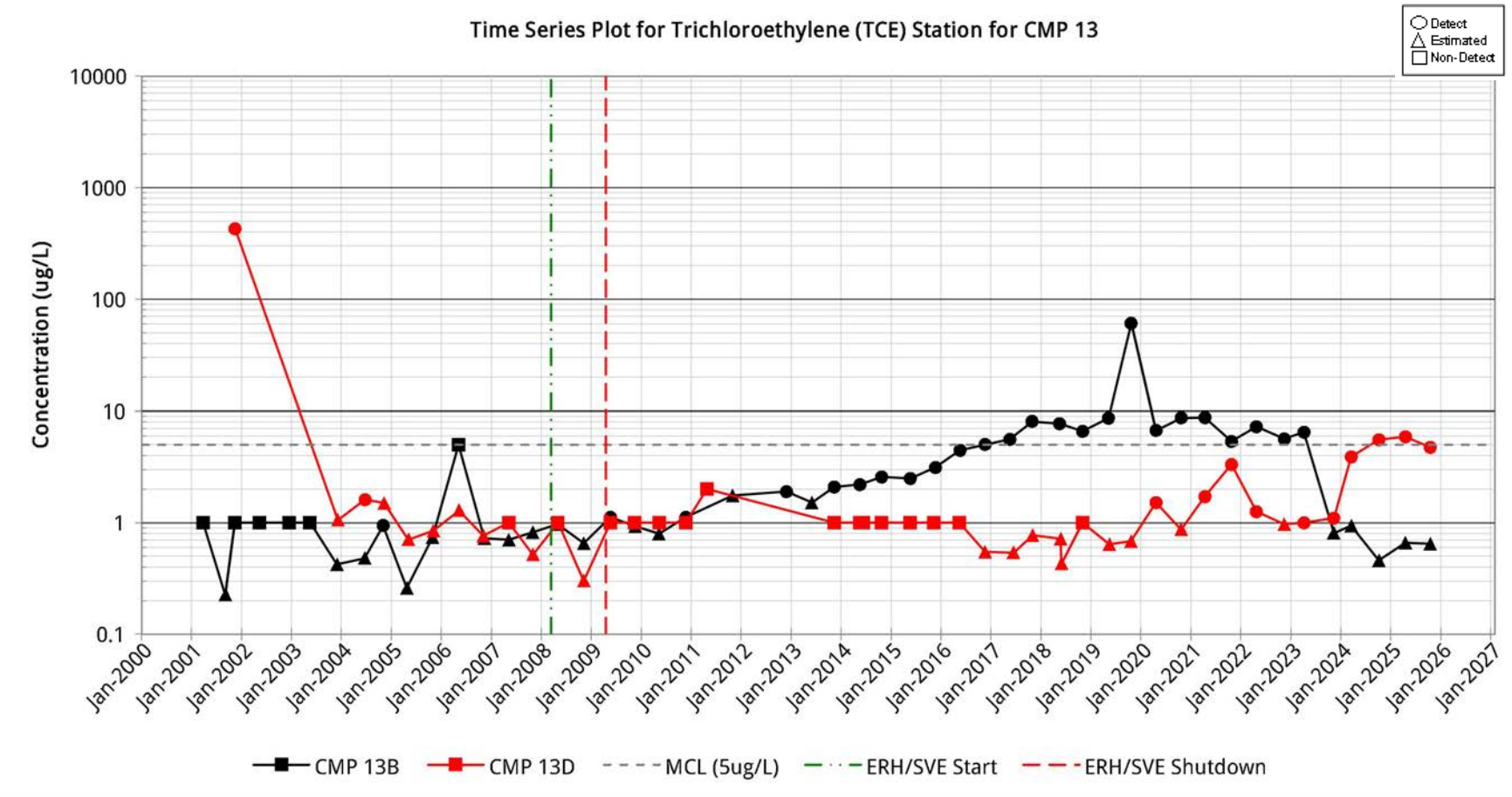

Time Series Plot for Trichloroethylene (TCE) Station for CMB 24
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMB 24I
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

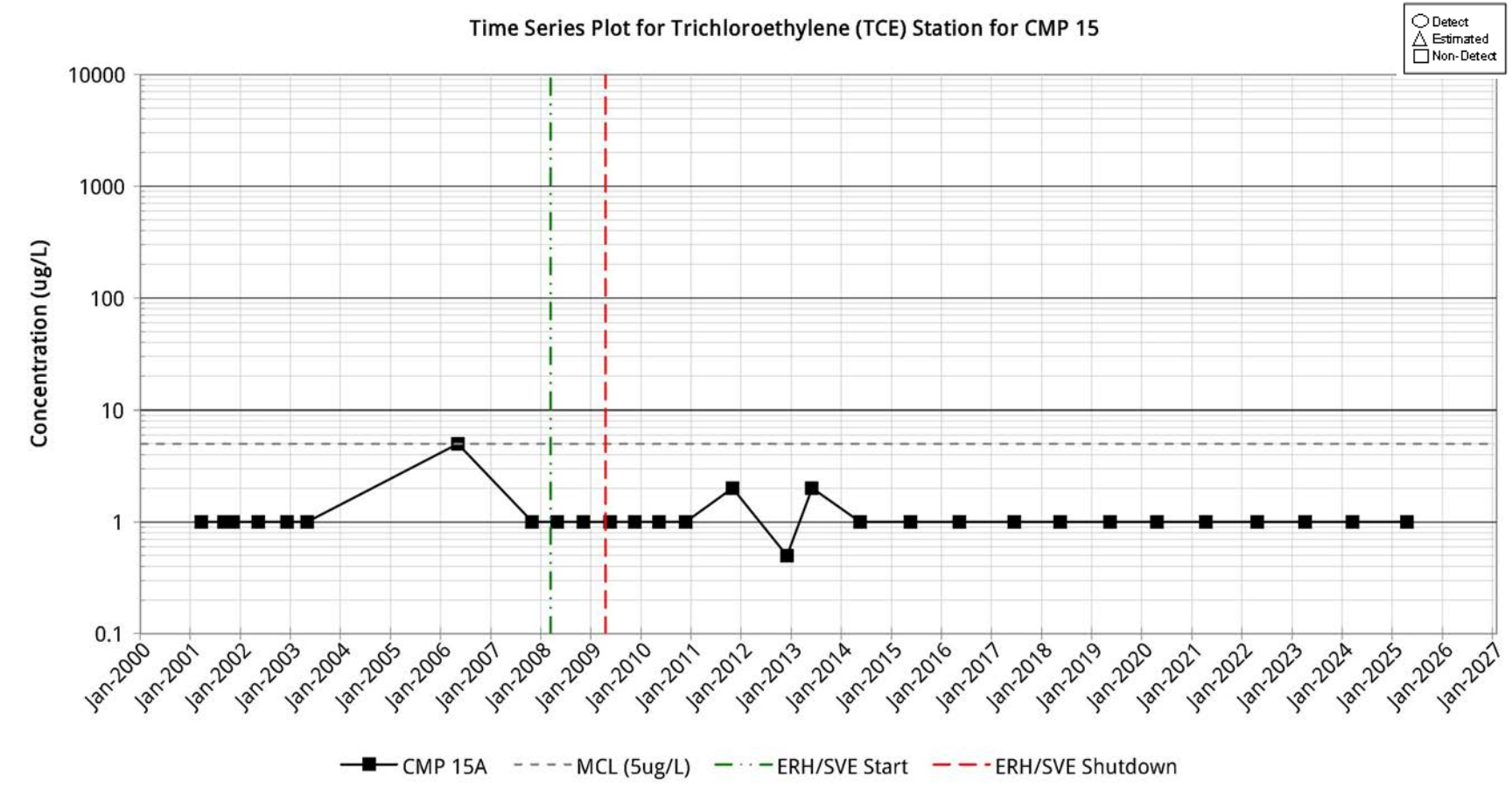

Time Series Plot for Trichloroethylene (TCE) Station for CMP 8
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 8B
CMP 8
CMP 8A
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

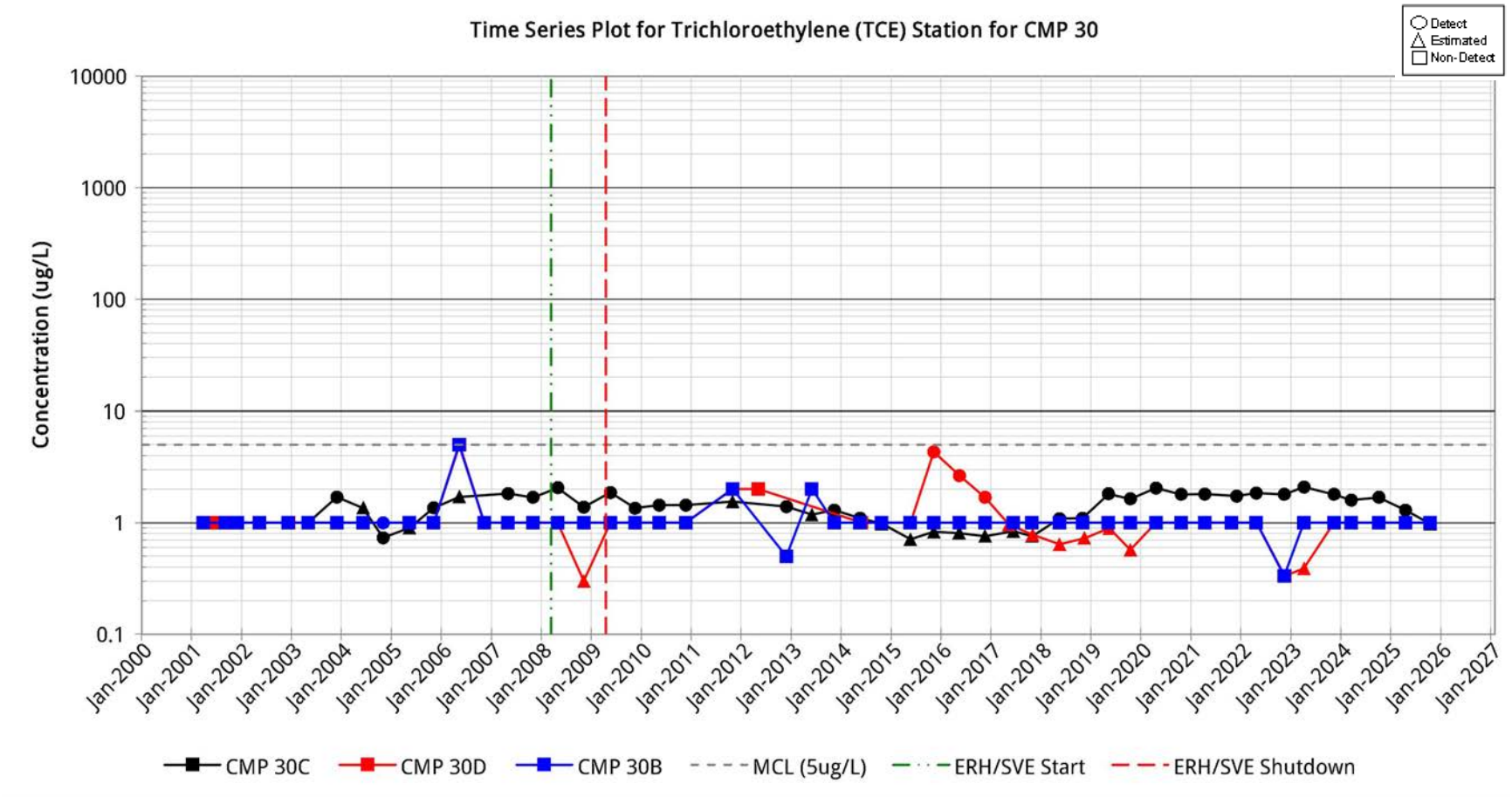

Time Series Plot for Trichloroethylene (TCE) Station for CMP 10
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 10B
CMP 10C
CMP 10D
CMP010A
CMP010AR
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

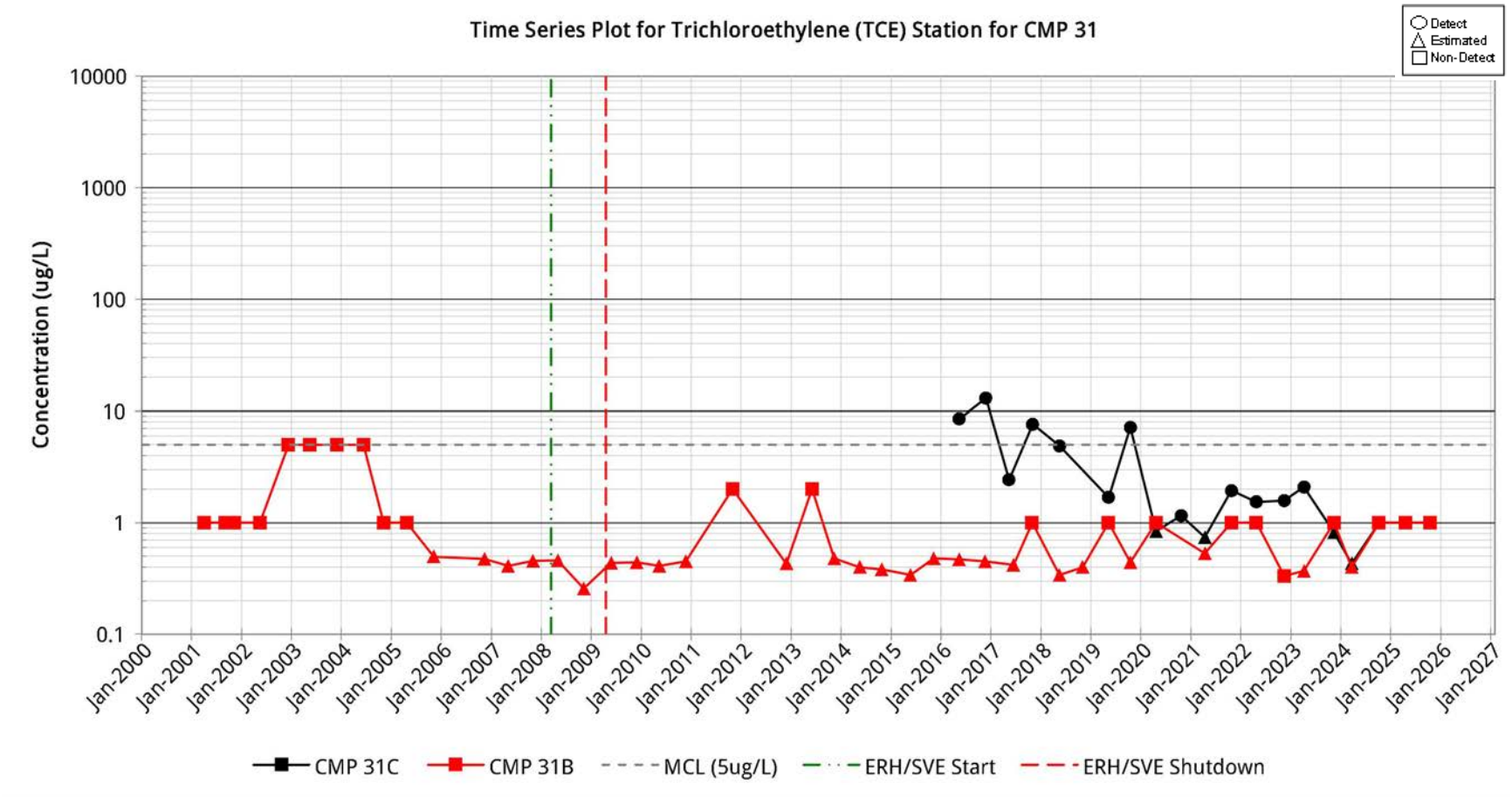

Time Series Plot for Trichloroethylene (TCE) Station for CMP 11
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
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Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 11B
CMP011A
CMP 11D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

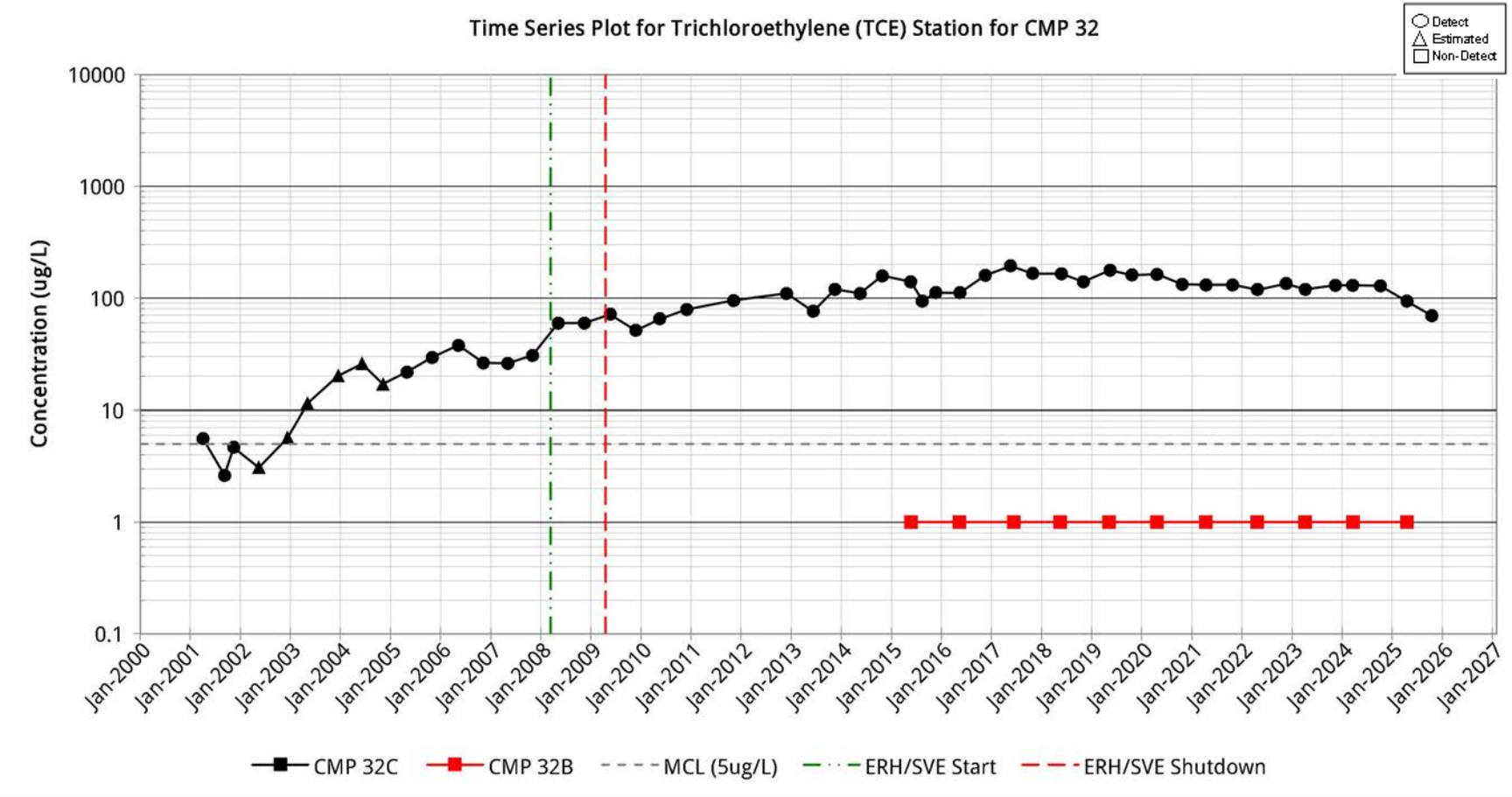

Time Series Plot for Trichloroethylene (TCE) Station for CMP 12
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
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Jan-2014
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Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 12A
CMP 12B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

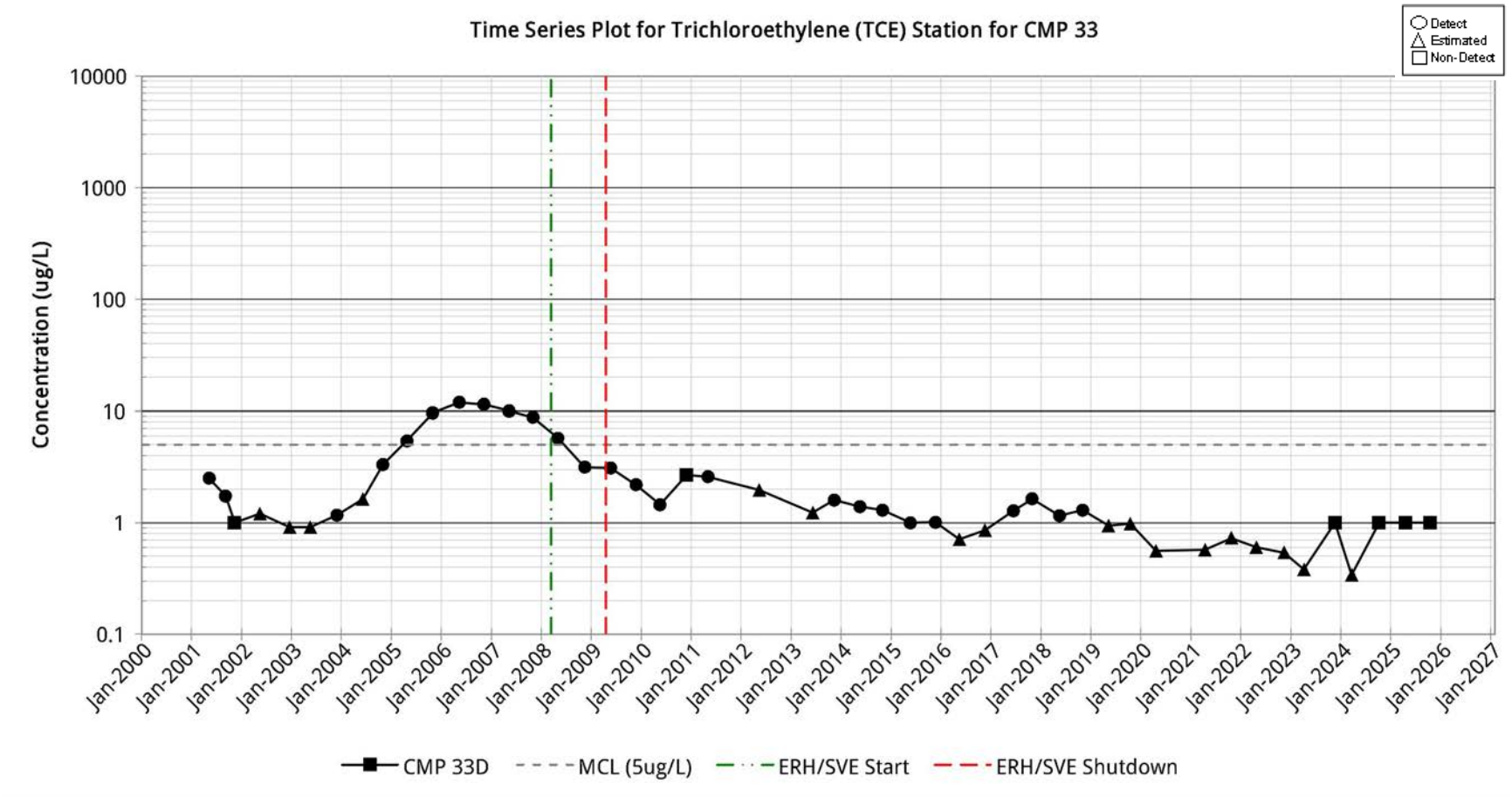

Time Series Plot for Trichloroethylene (TCE) Station for CMP 13
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 13B
CMP 13D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

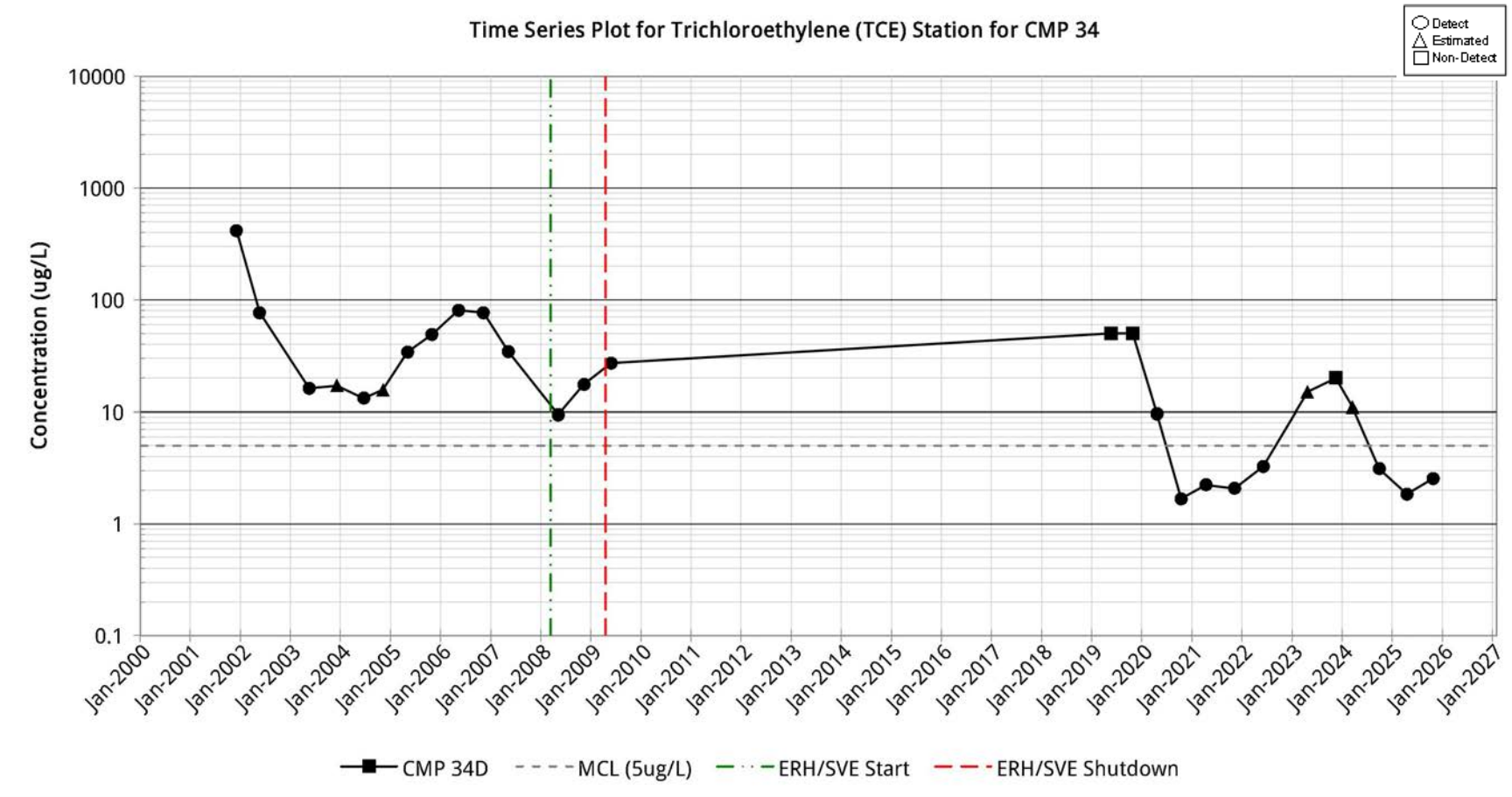

Time Series Plot for Trichloroethylene (TCE) Station for CMP 15
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 15A
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

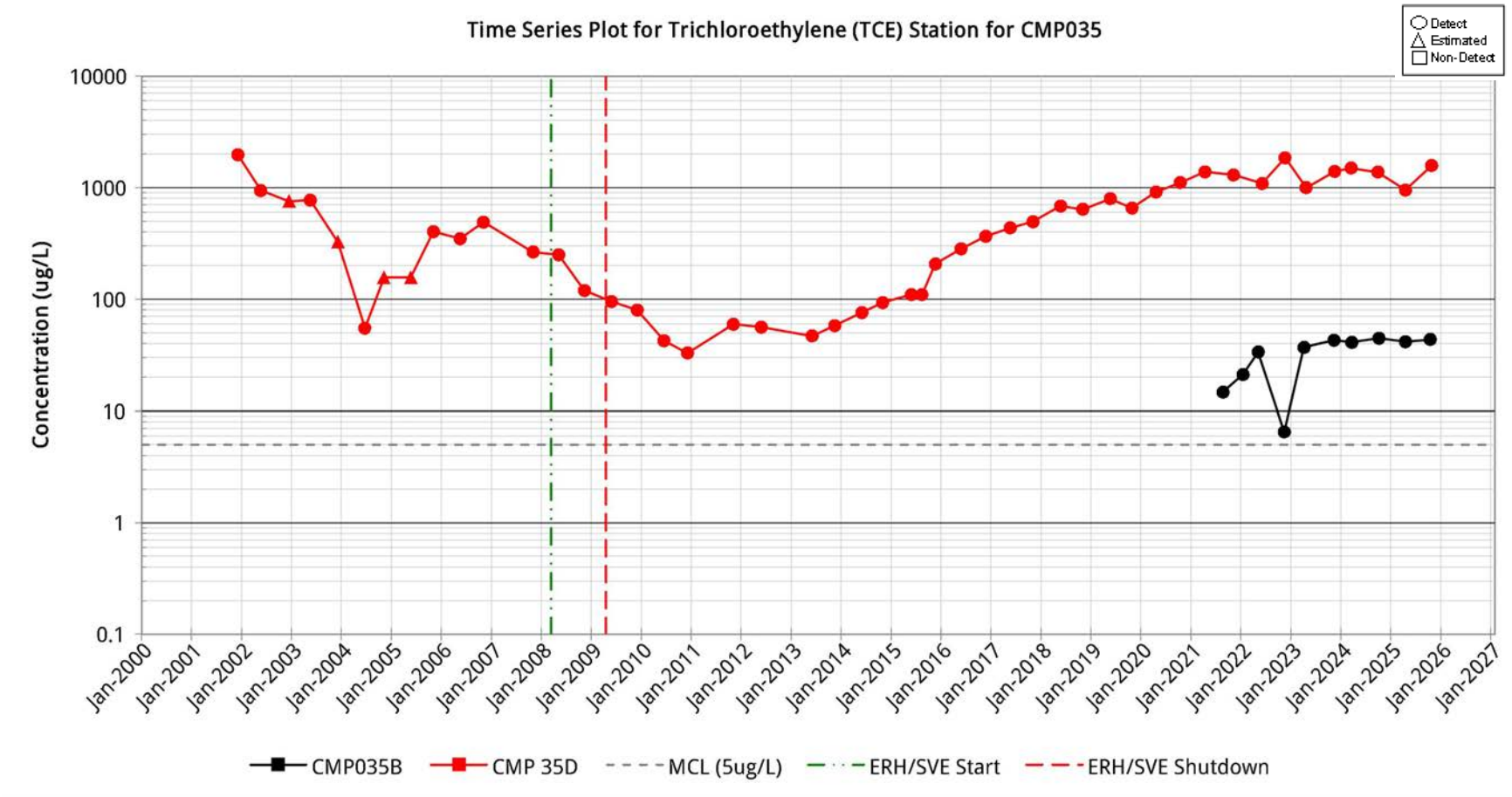

Time Series Plot for Trichloroethylene (TCE) Station for CMP 30
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 30C
CMP 30D
CMP 30B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

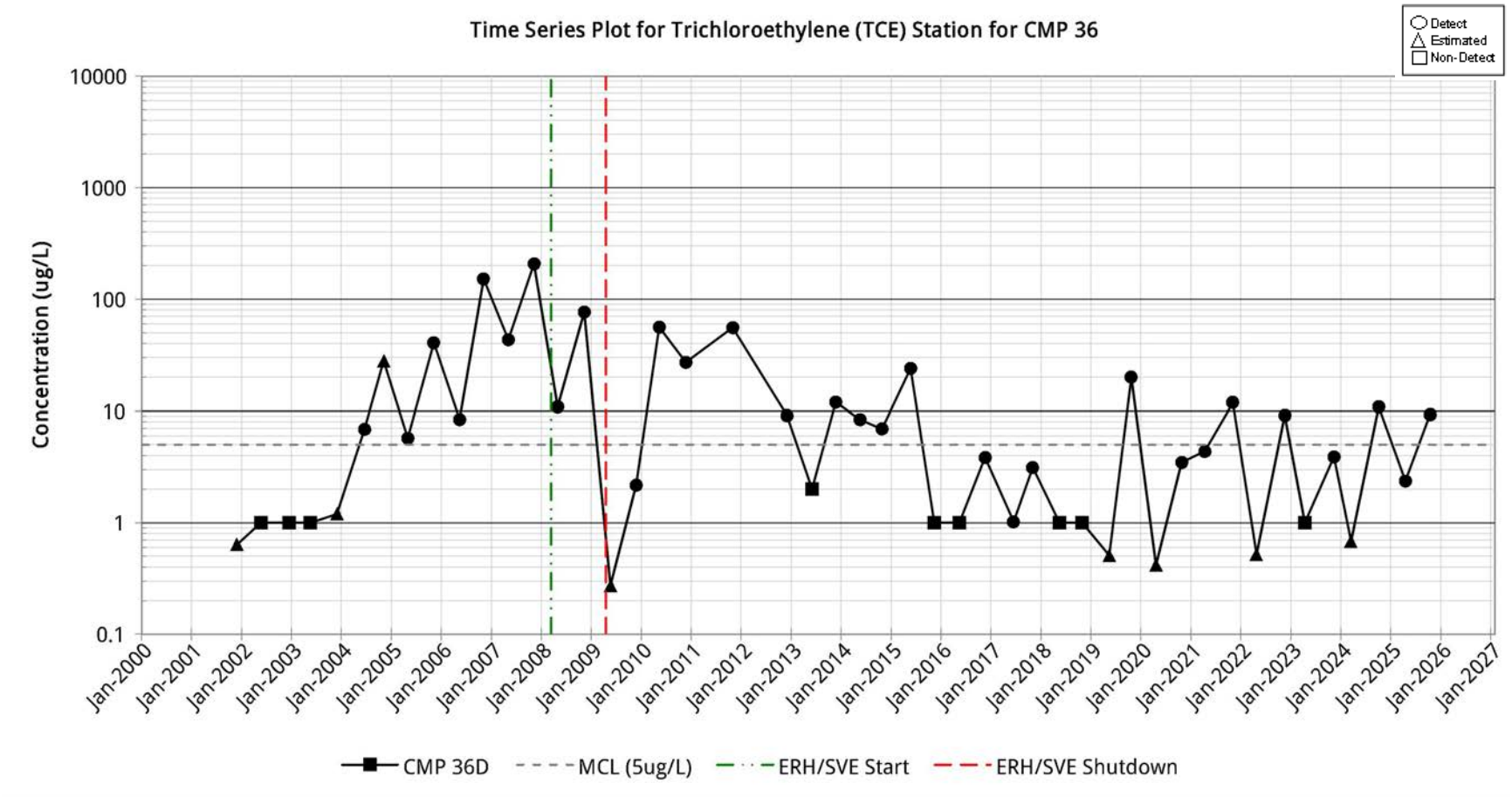

Time Series Plot for Trichloroethylene (TCE) Station for CMP 31
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 31C
CMP 31B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

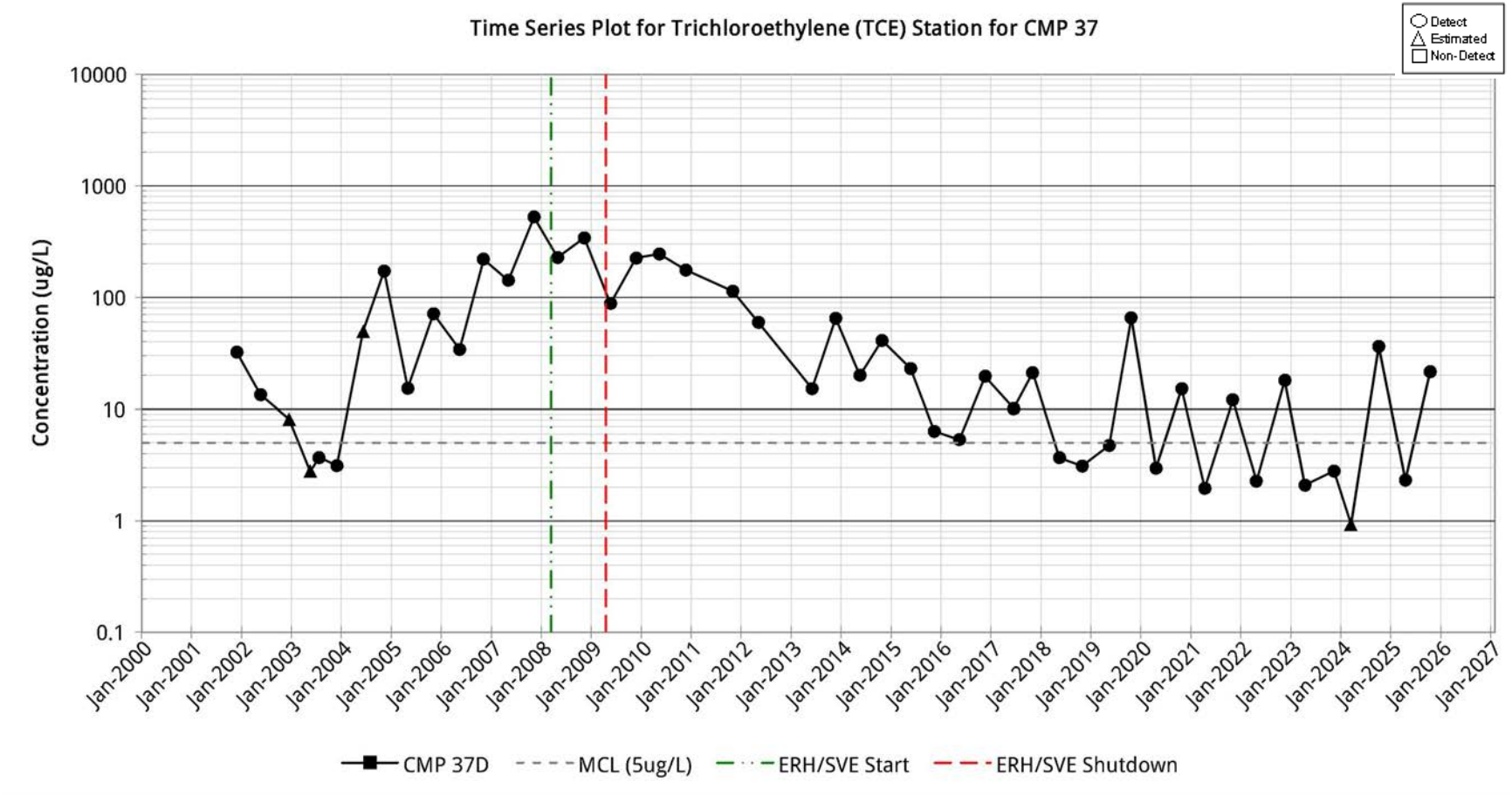

Time Series Plot for Trichloroethylene (TCE) Station for CMP 32
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 32C
CMP 32B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

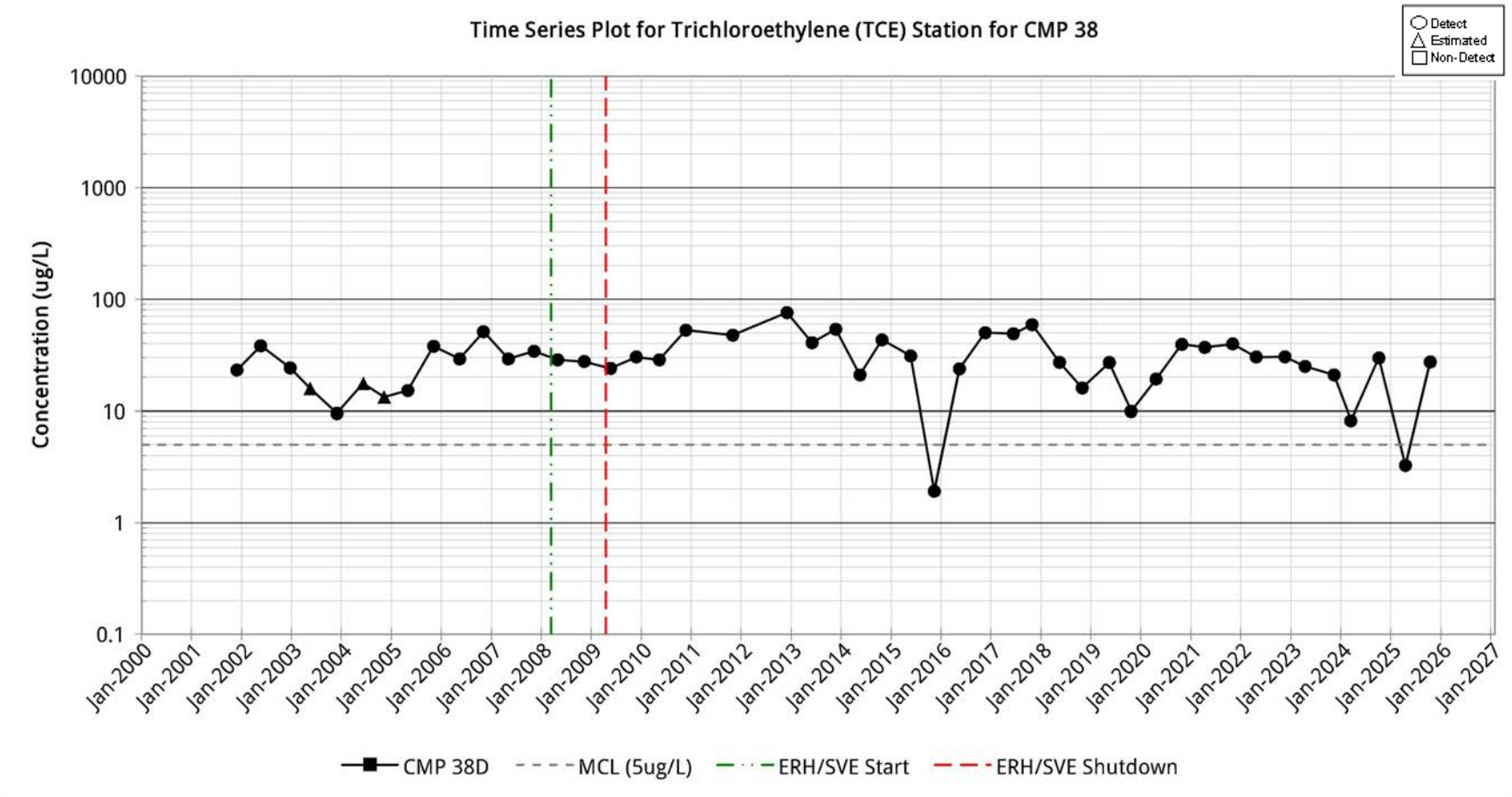

Time Series Plot for Trichloroethylene (TCE) Station for CMP 33
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 33D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

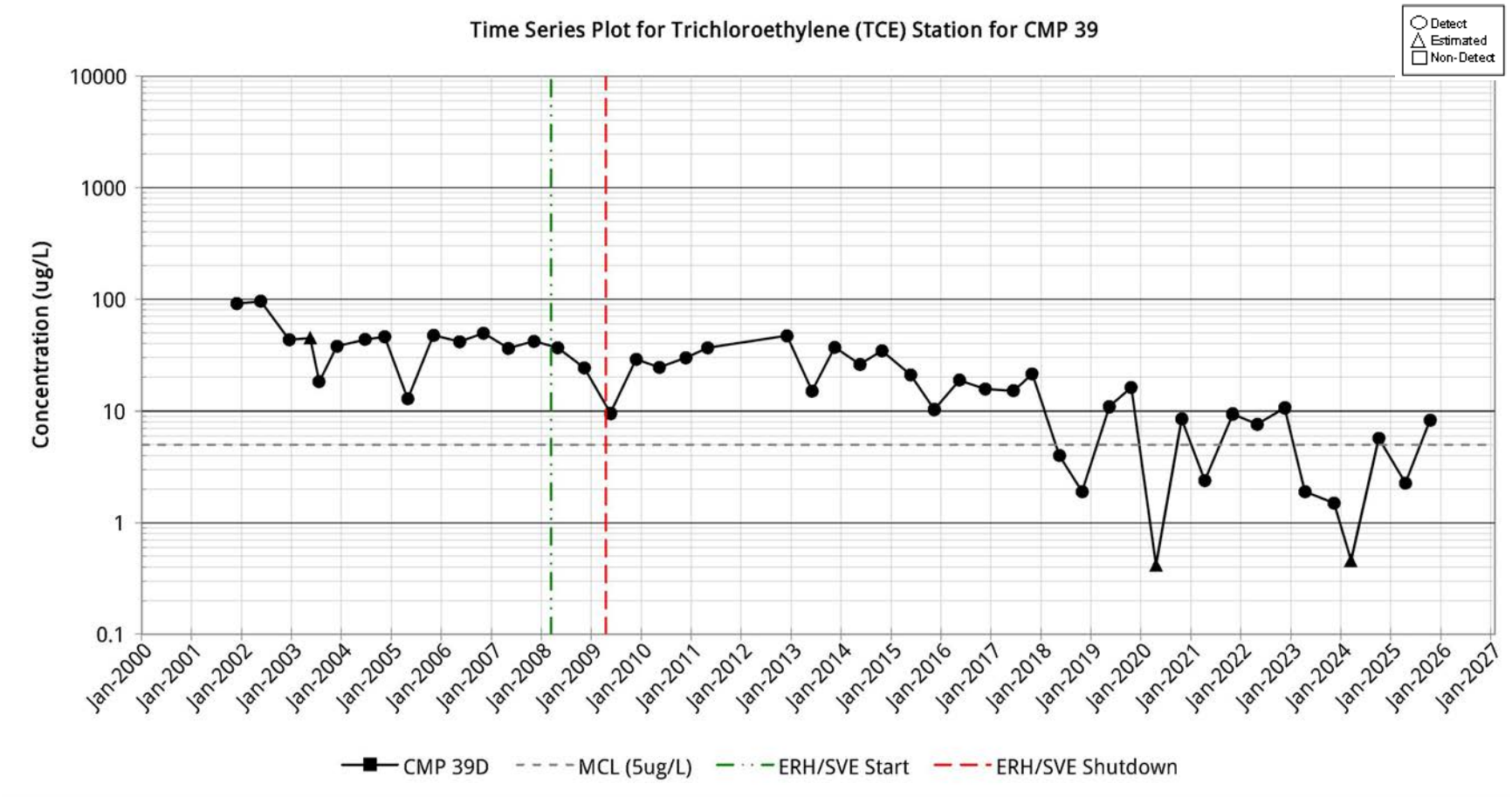

Time Series Plot for Trichloroethylene (TCE) Station for CMP 34
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 34D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

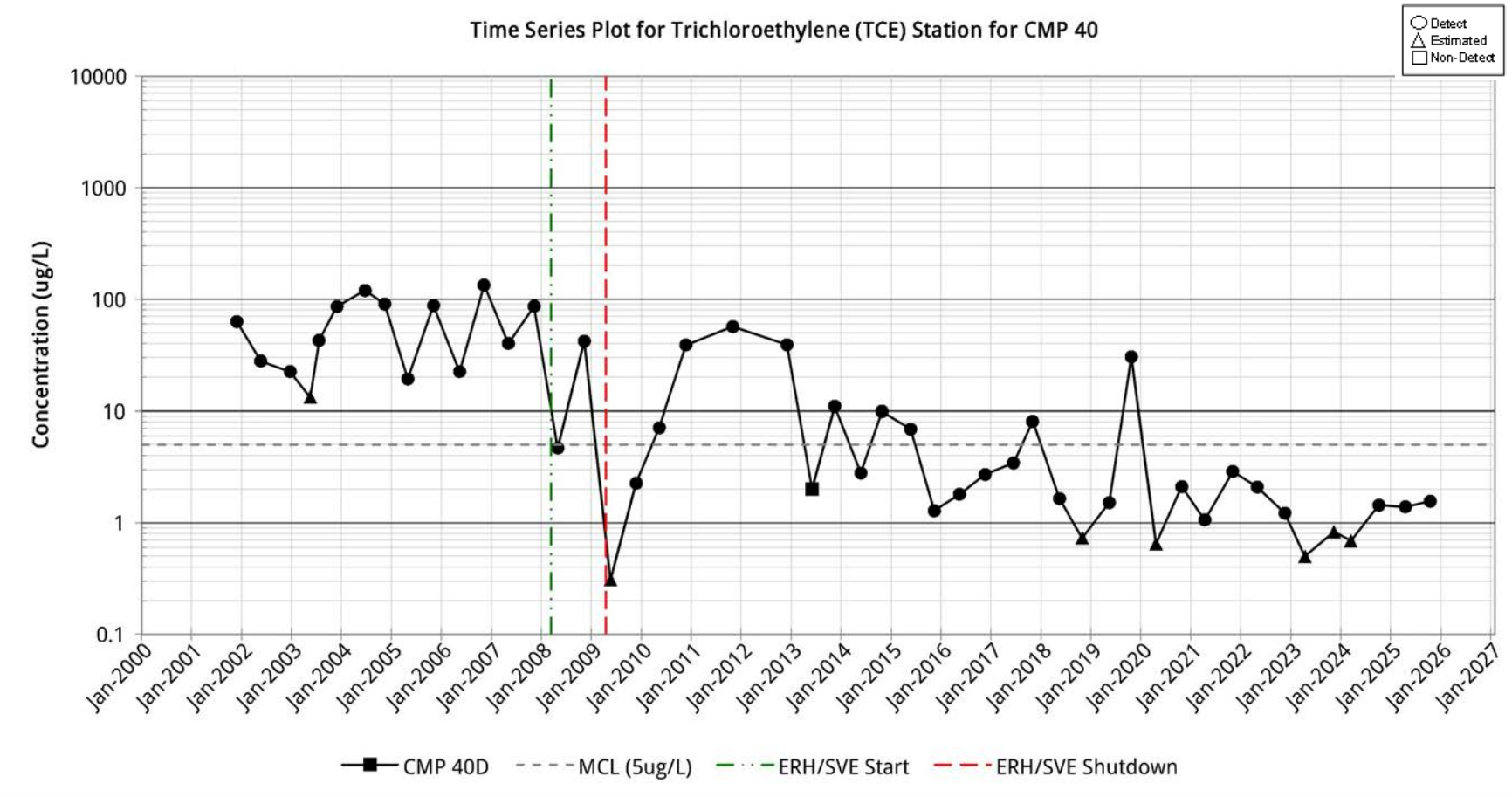

Time Series Plot for Trichloroethylene (TCE) Station for CMP035
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP035B
CMP 35D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

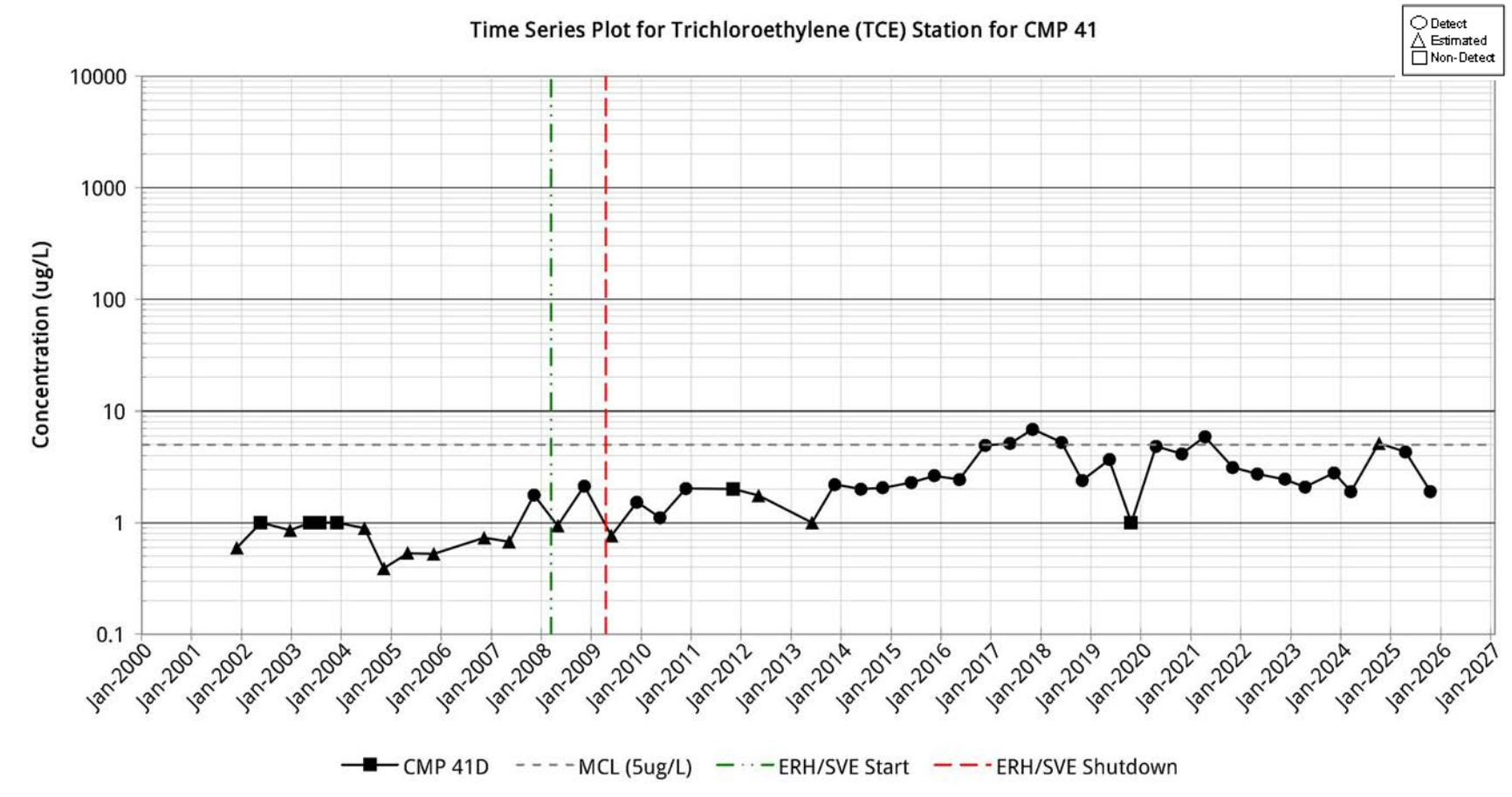

Time Series Plot for Trichloroethylene (TCE) Station for CMP 36
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 36D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

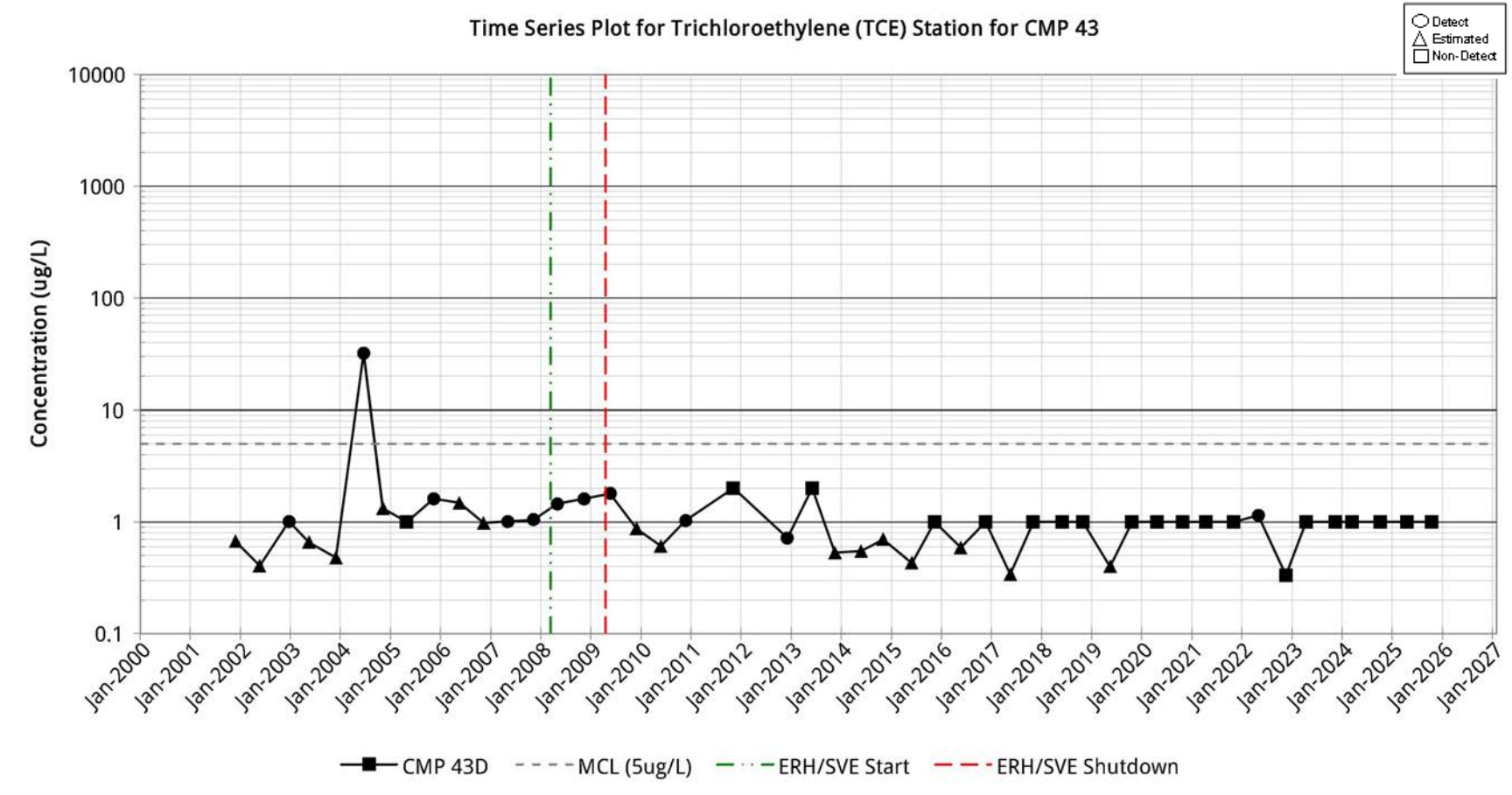

Time Series Plot for Trichloroethylene (TCE) Station for CMP 37
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 37D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

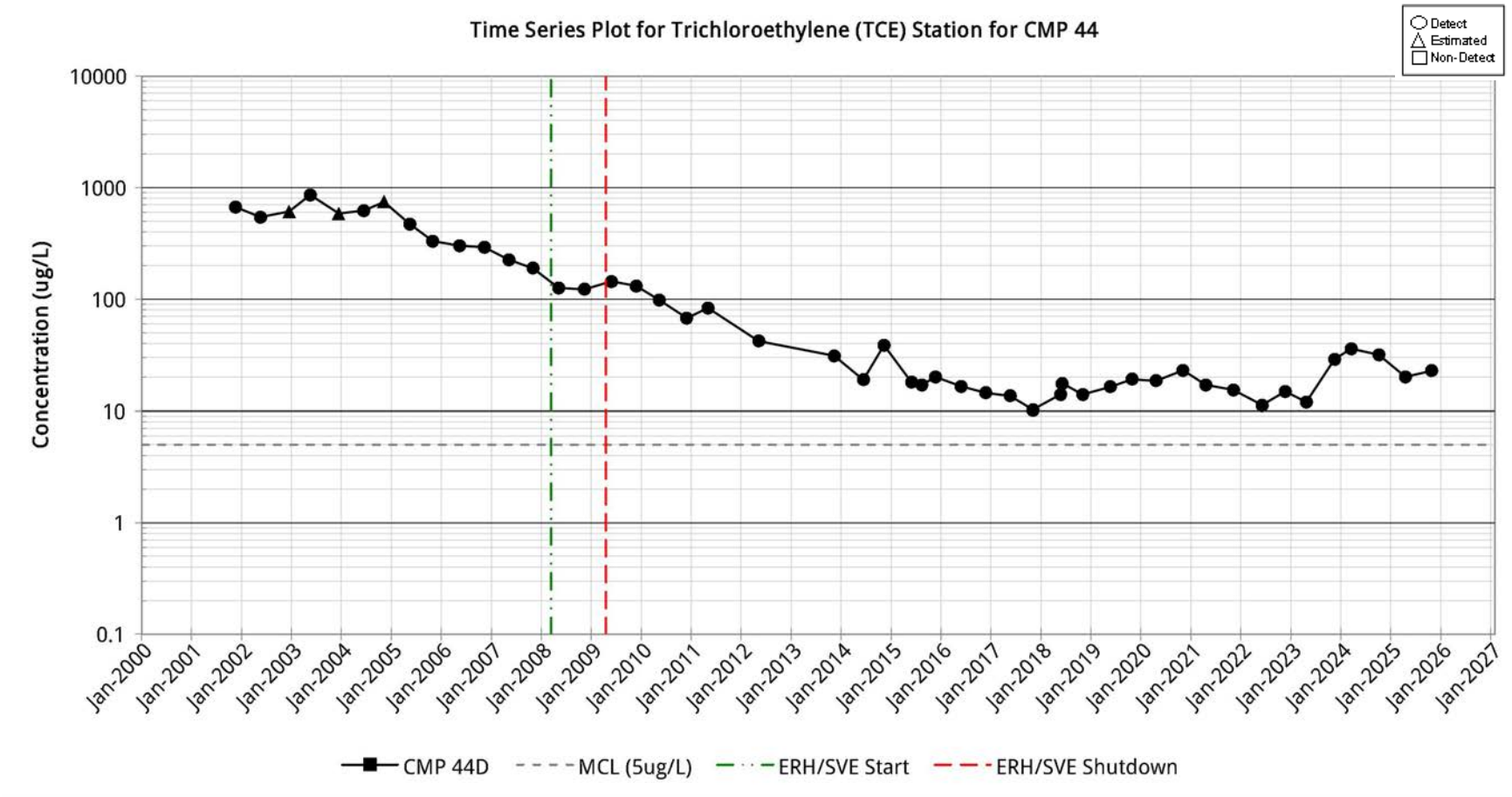

Time Series Plot for Trichloroethylene (TCE) Station for CMP 38
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 38D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

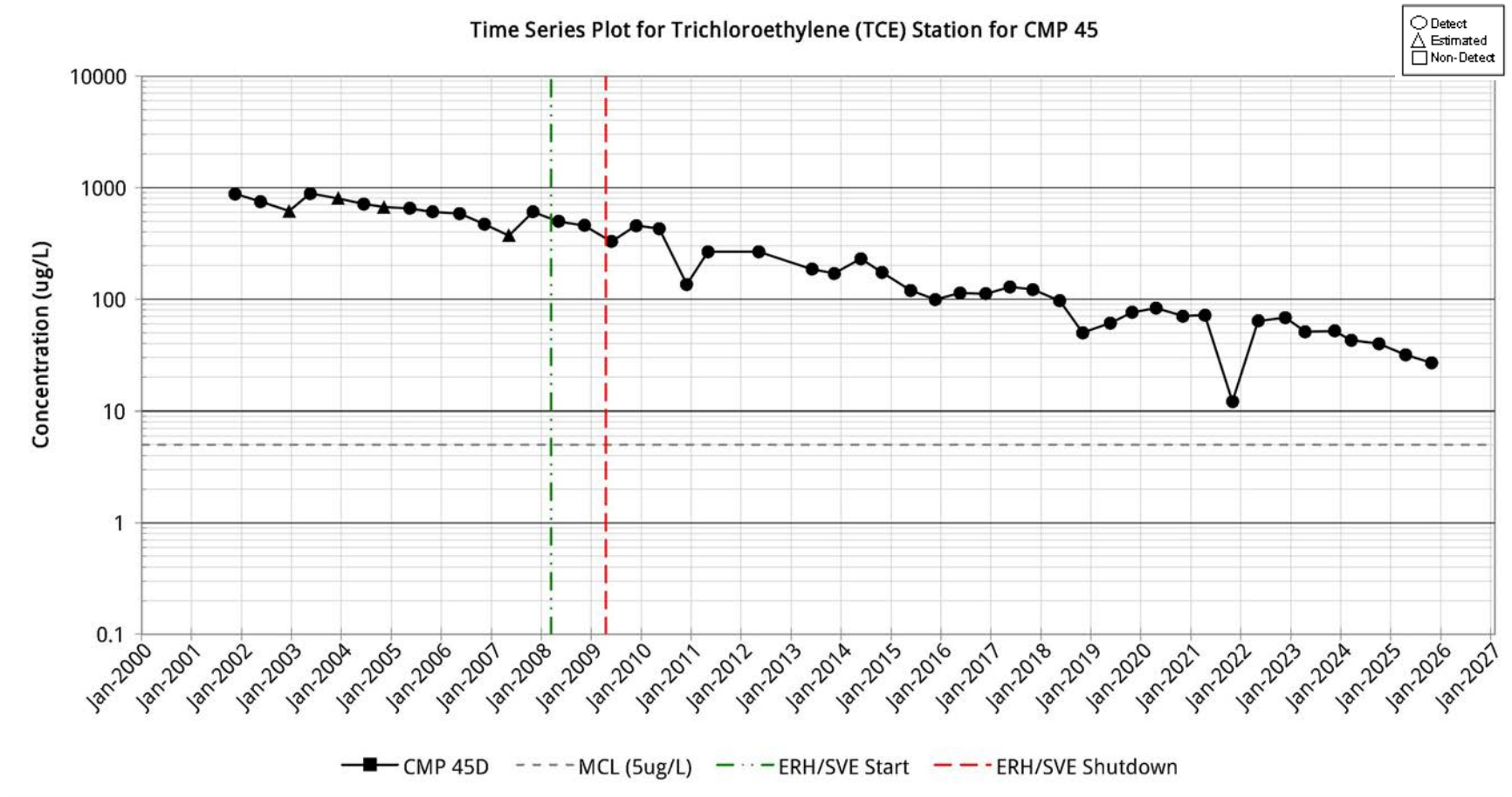

Time Series Plot for Trichloroethylene (TCE) Station for CMP 39
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 39D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

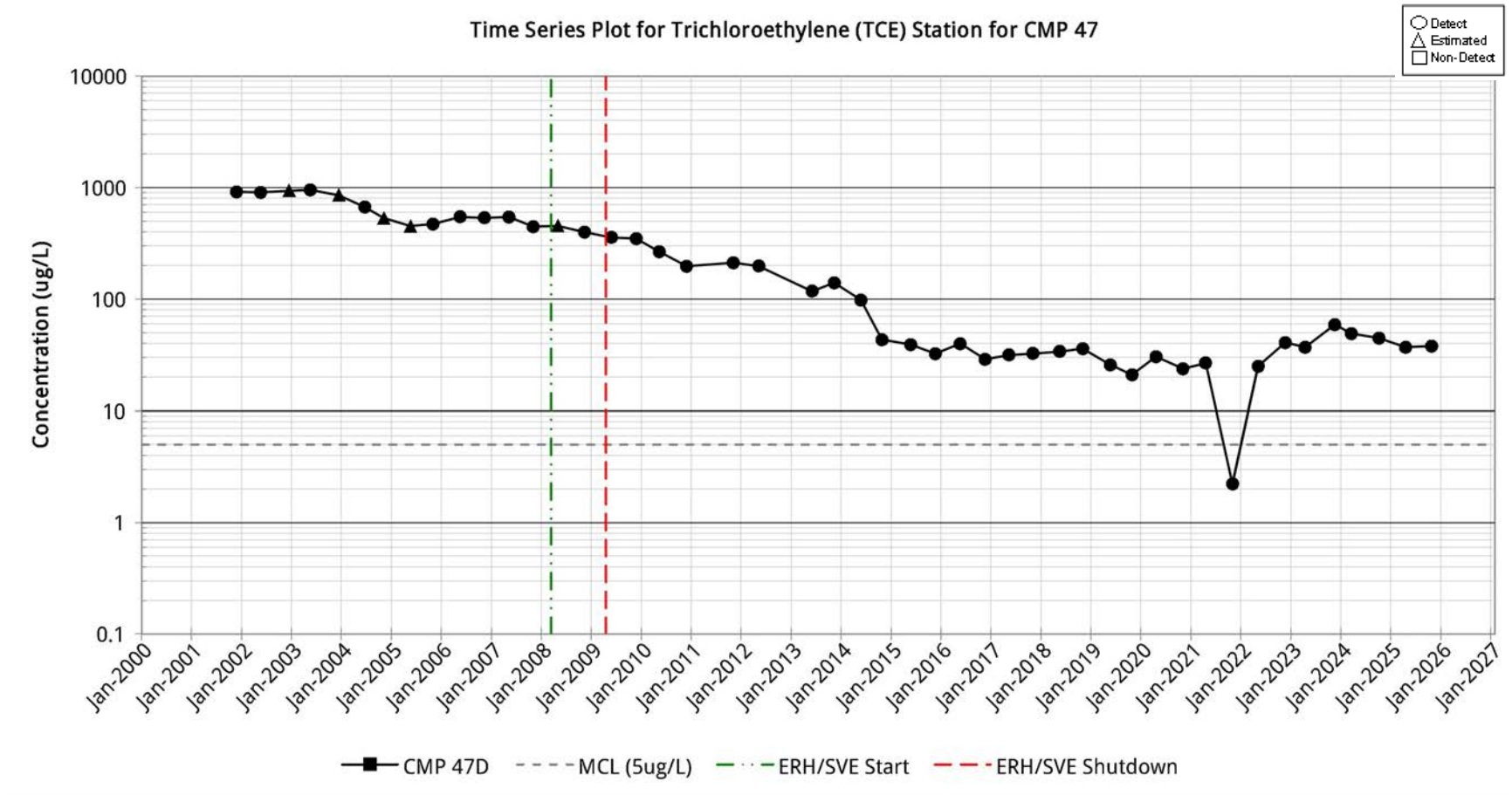

Time Series Plot for Trichloroethylene (TCE) Station for CMP 40
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 40D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

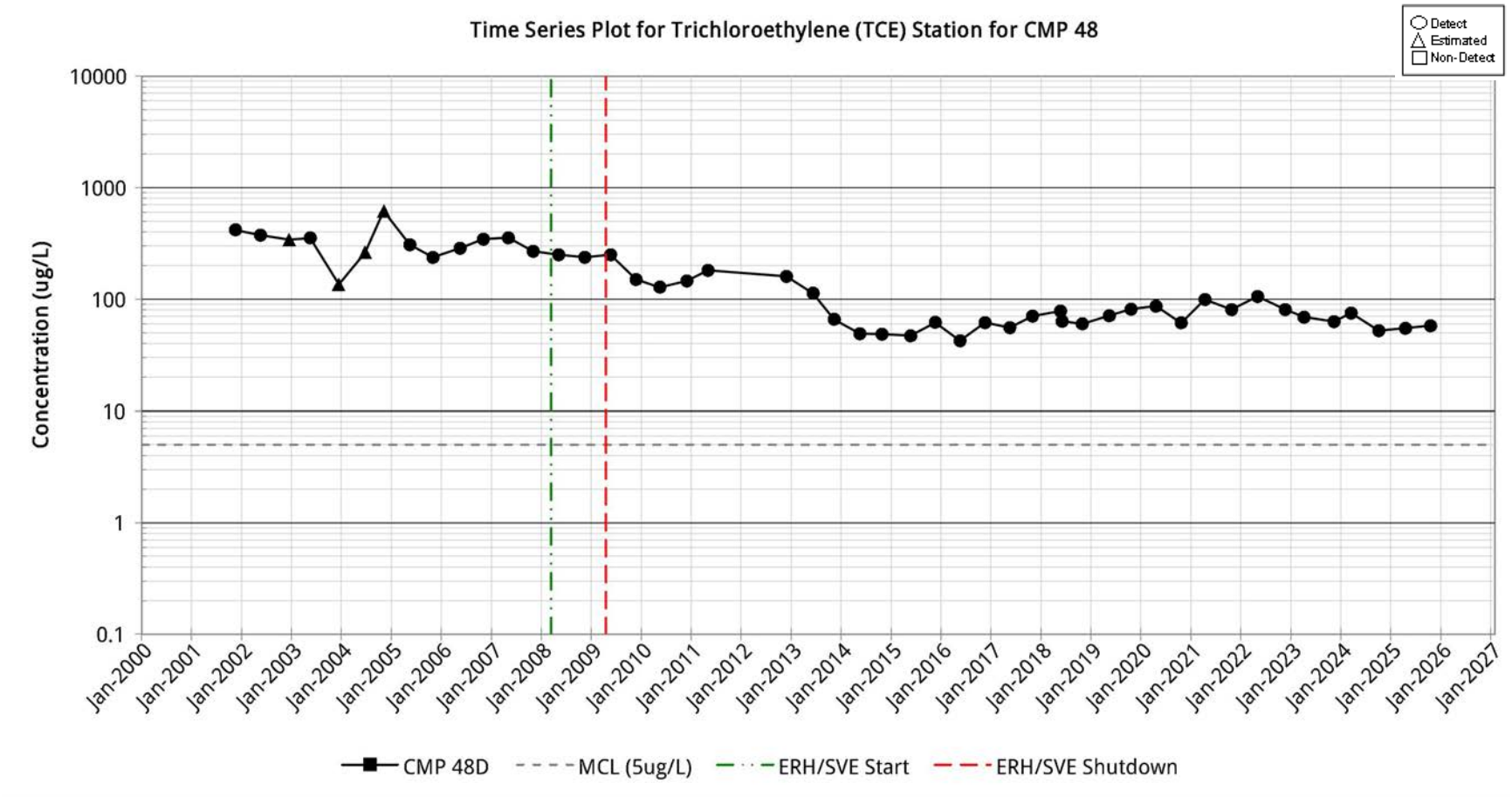

Time Series Plot for Trichloroethylene (TCE) Station for CMP 41
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 41D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

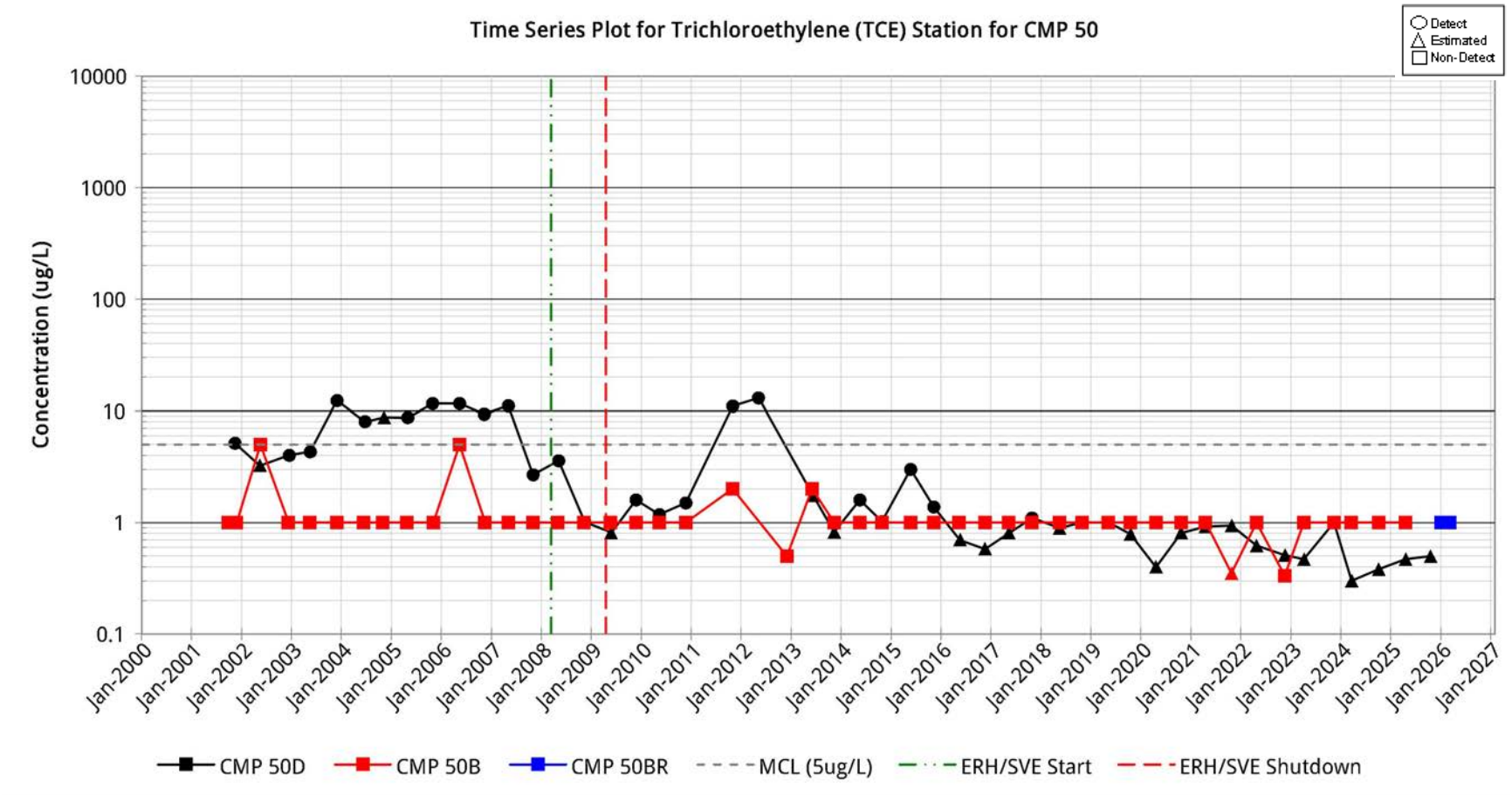

Time Series Plot for Trichloroethylene (TCE) Station for CMP 43
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 43D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

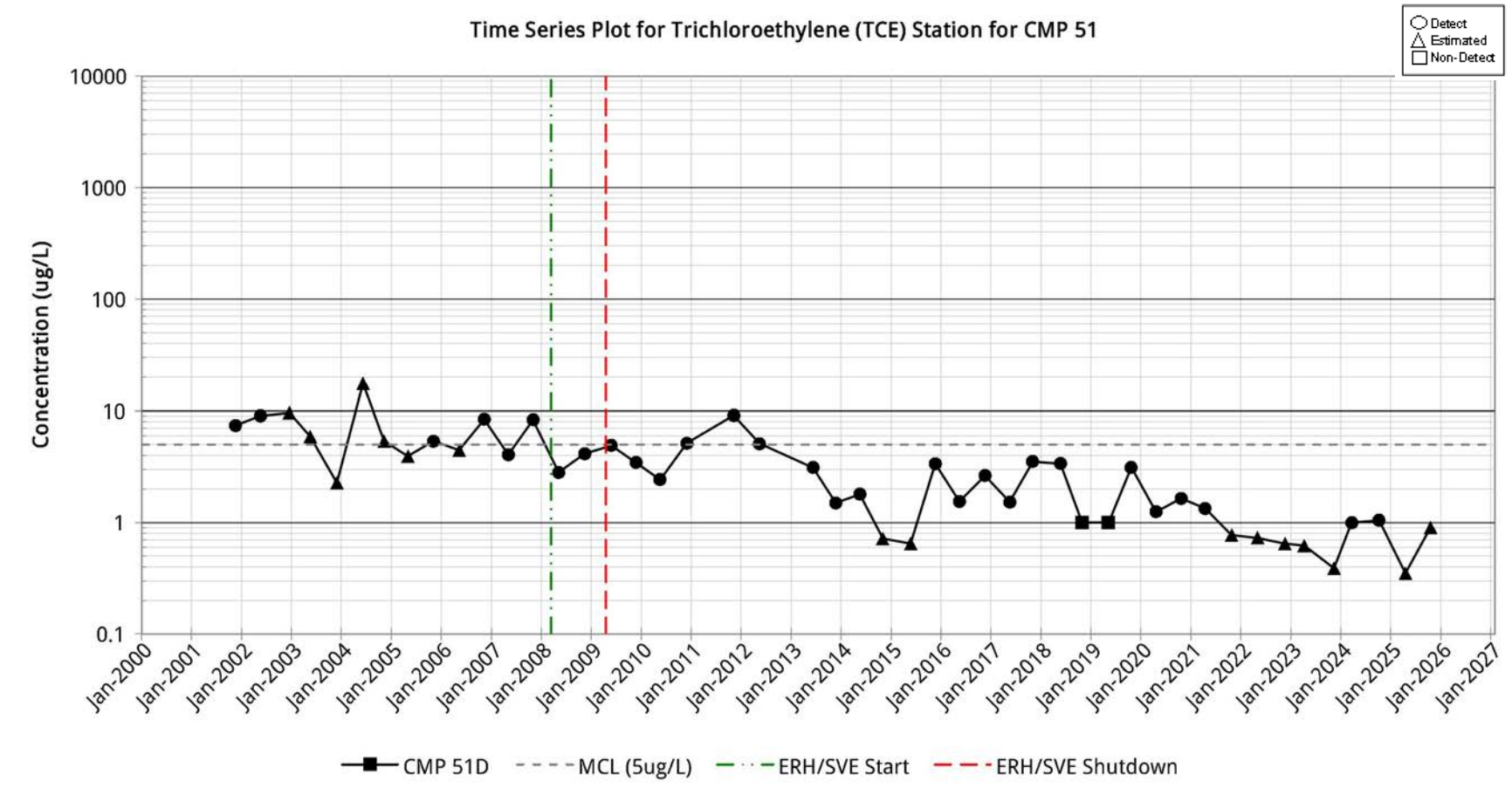

Time Series Plot for Trichloroethylene (TCE) Station for CMP 44
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 44D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

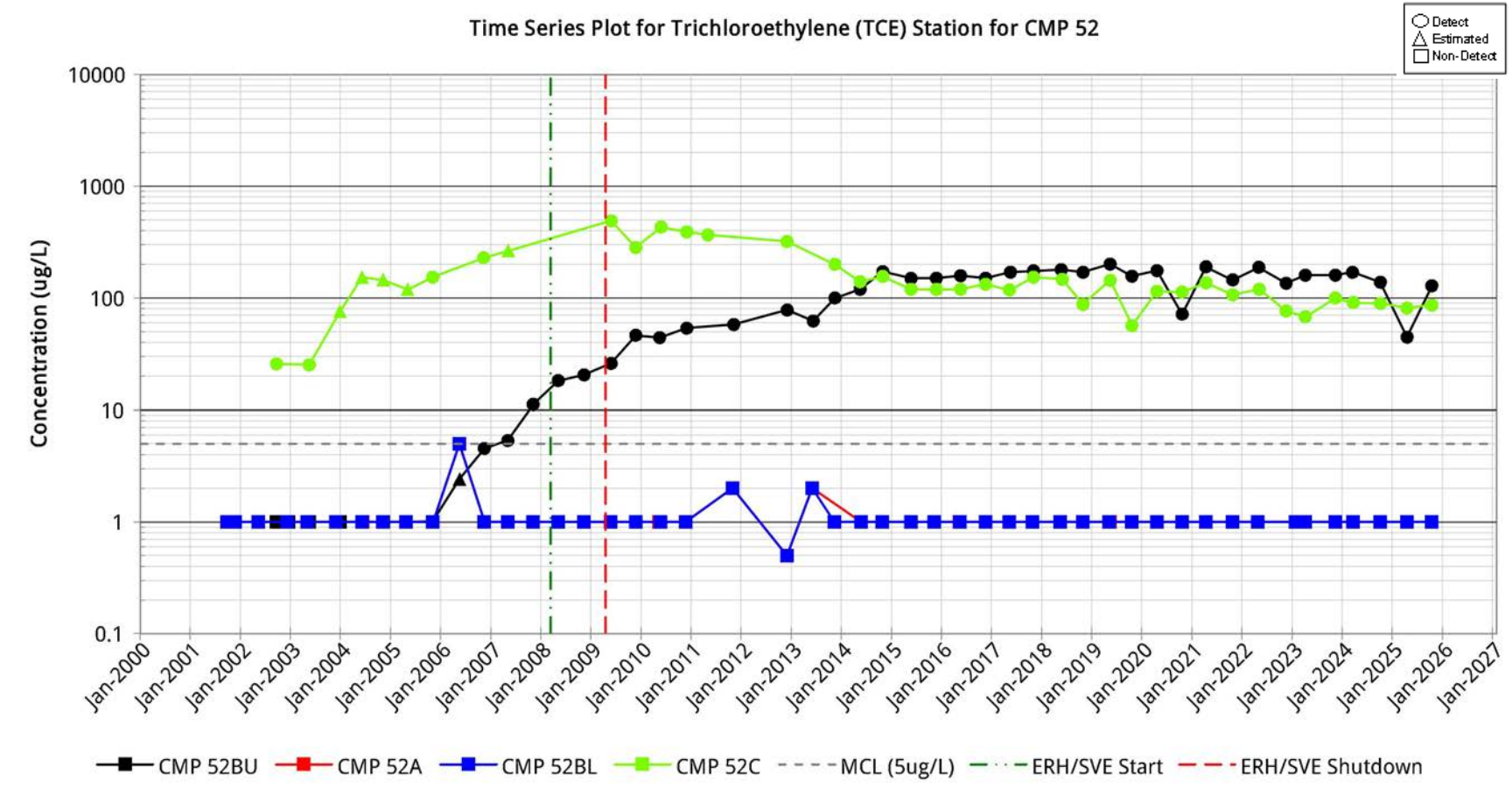

Time Series Plot for Trichloroethylene (TCE) Station for CMP 45
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 45D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

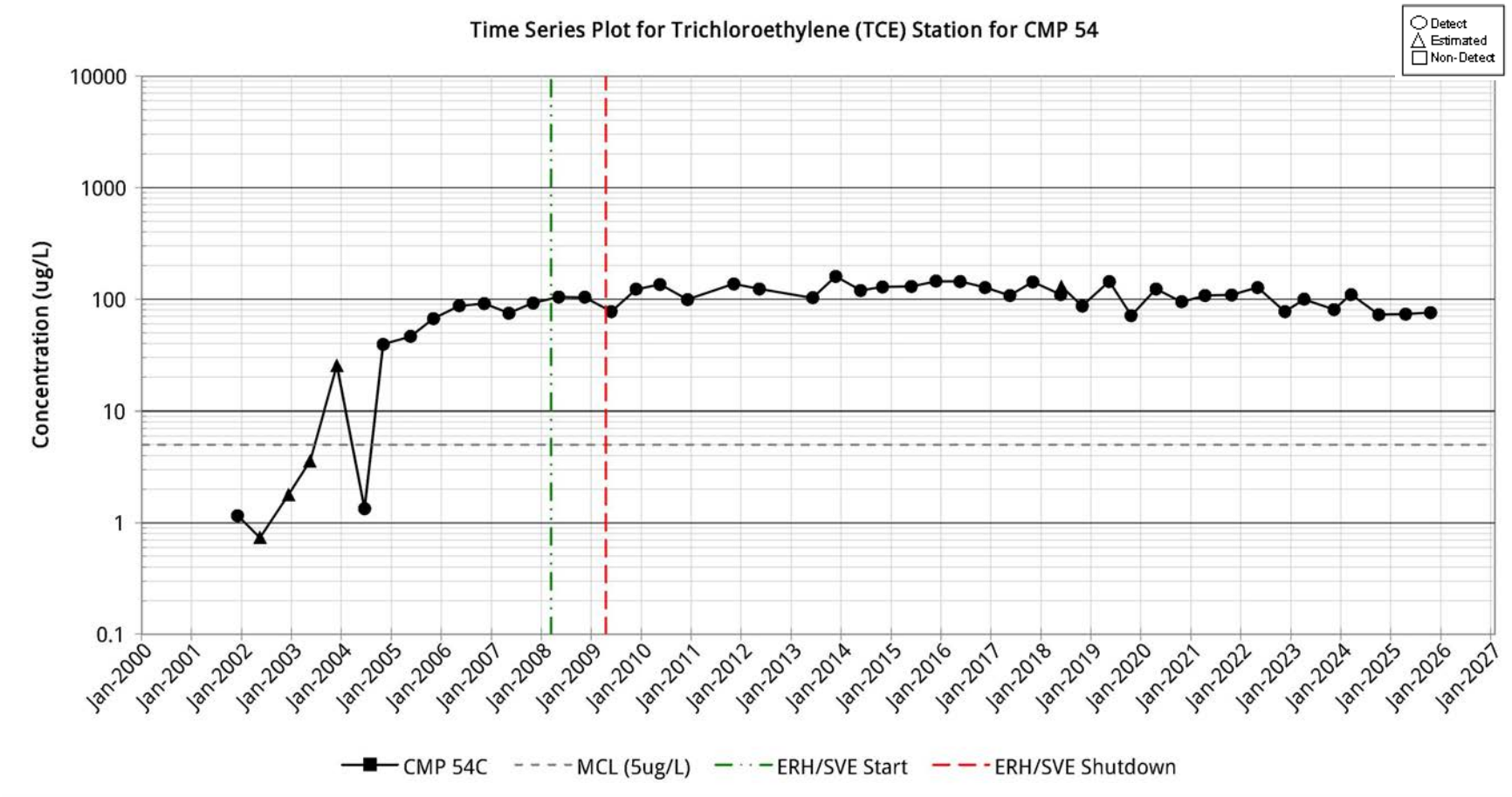

Time Series Plot for Trichloroethylene (TCE) Station for CMP 47
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 47D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

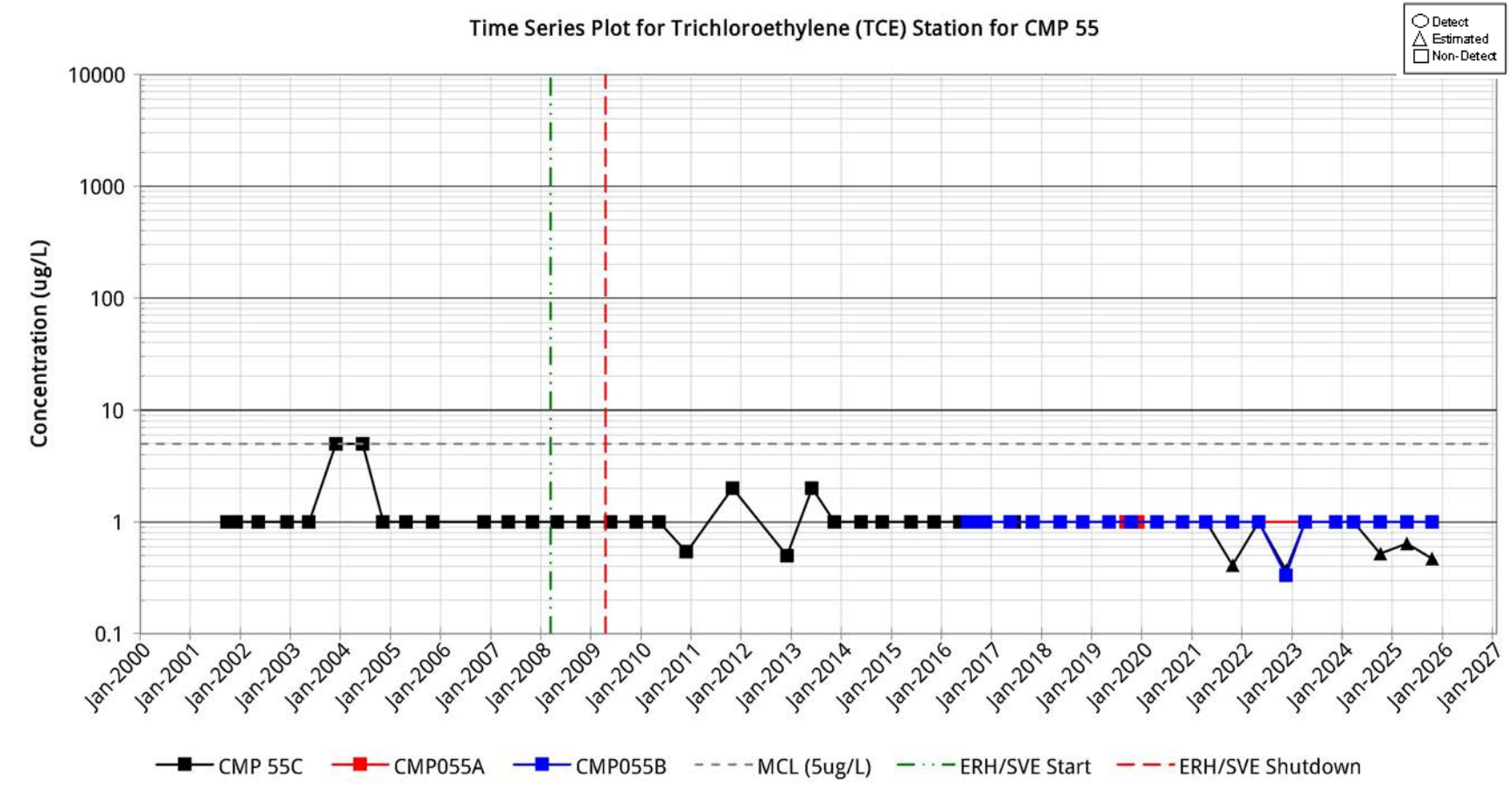

Time Series Plot for Trichloroethylene (TCE) Station for CMP 48
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 48D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

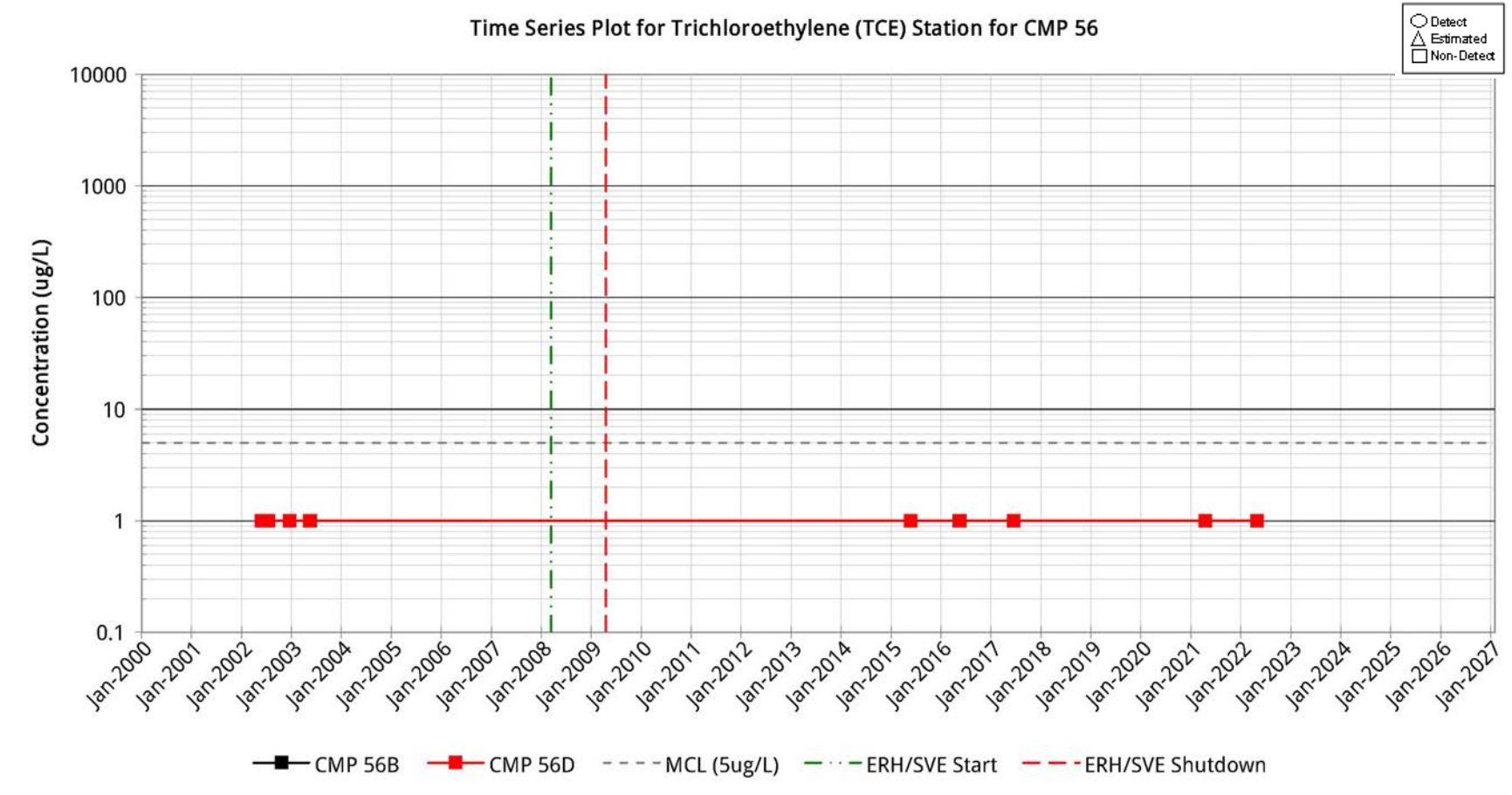

Time Series Plot for Trichloroethylene (TCE) Station for CMP 50
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 50D
CMP 50B
CMP 50BR
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

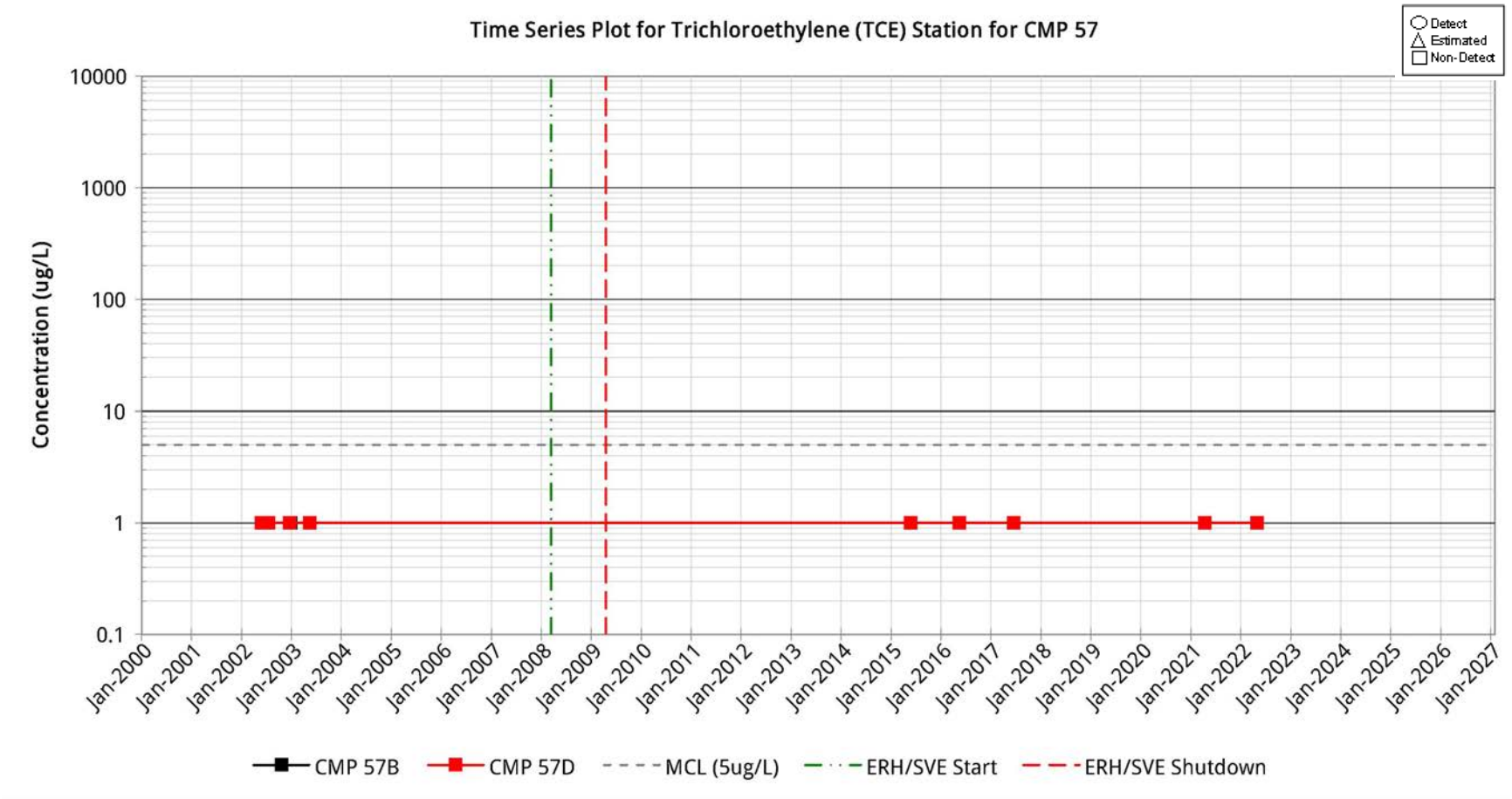

Time Series Plot for Trichloroethylene (TCE) Station for CMP 51
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 51D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

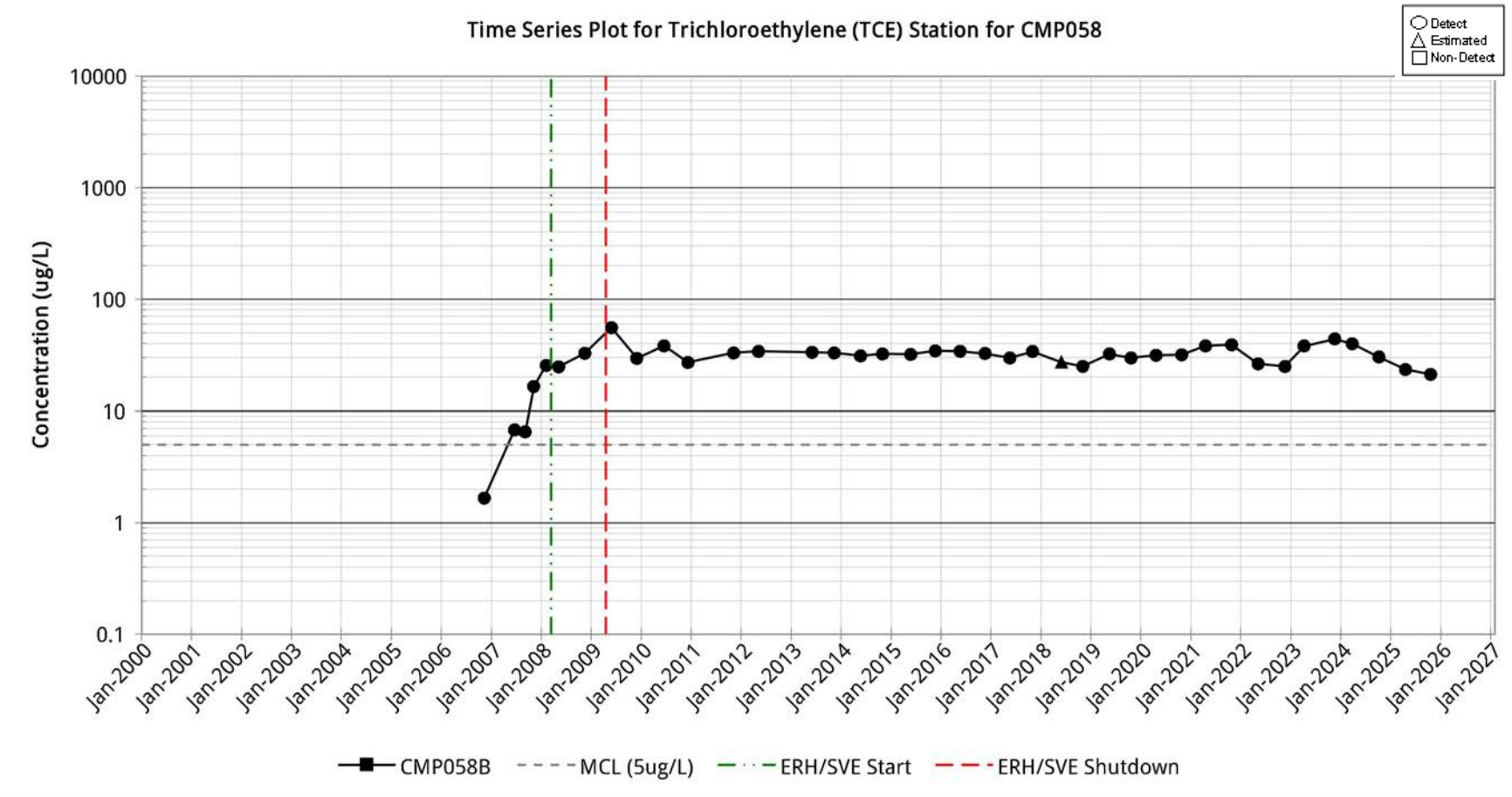

Time Series Plot for Trichloroethylene (TCE) Station for CMP 52
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 52BU
CMP 52A
CMP 52BL
CMP 52C
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

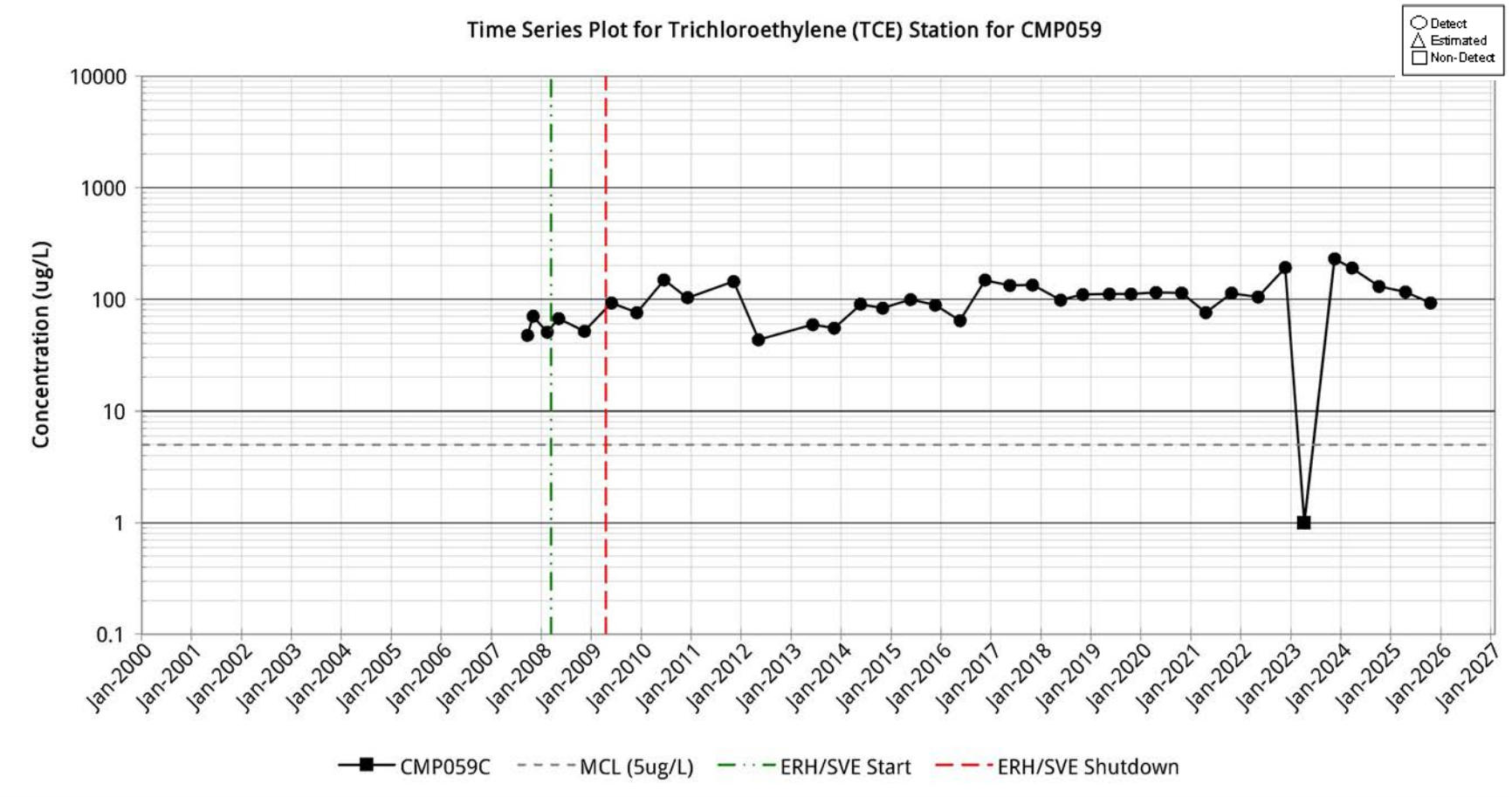

Time Series Plot for Trichloroethylene (TCE) Station for CMP 54
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 54C
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

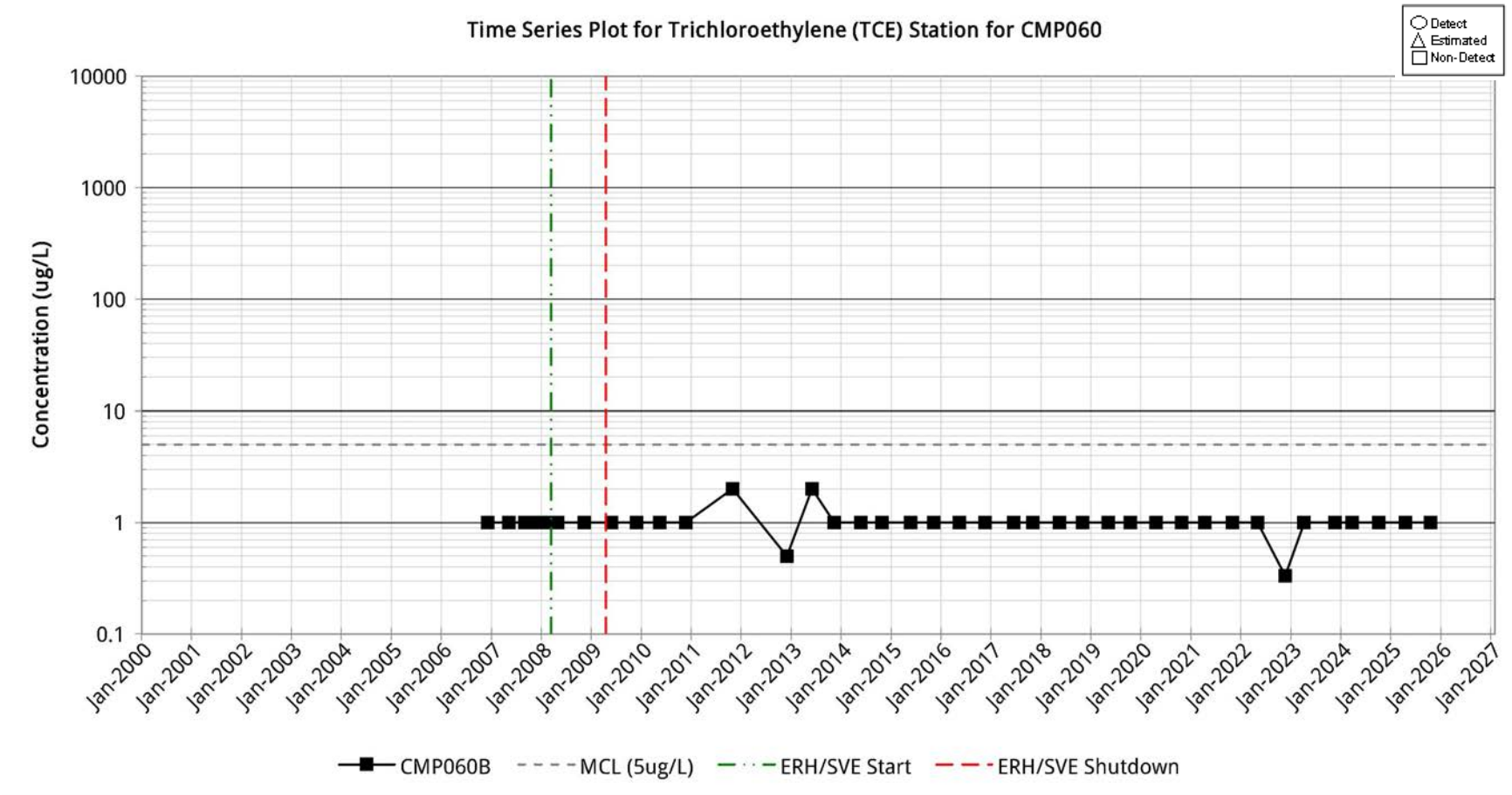

Time Series Plot for Trichloroethylene (TCE) Station for CMP 55
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 55C
CMP055A
CMP055B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

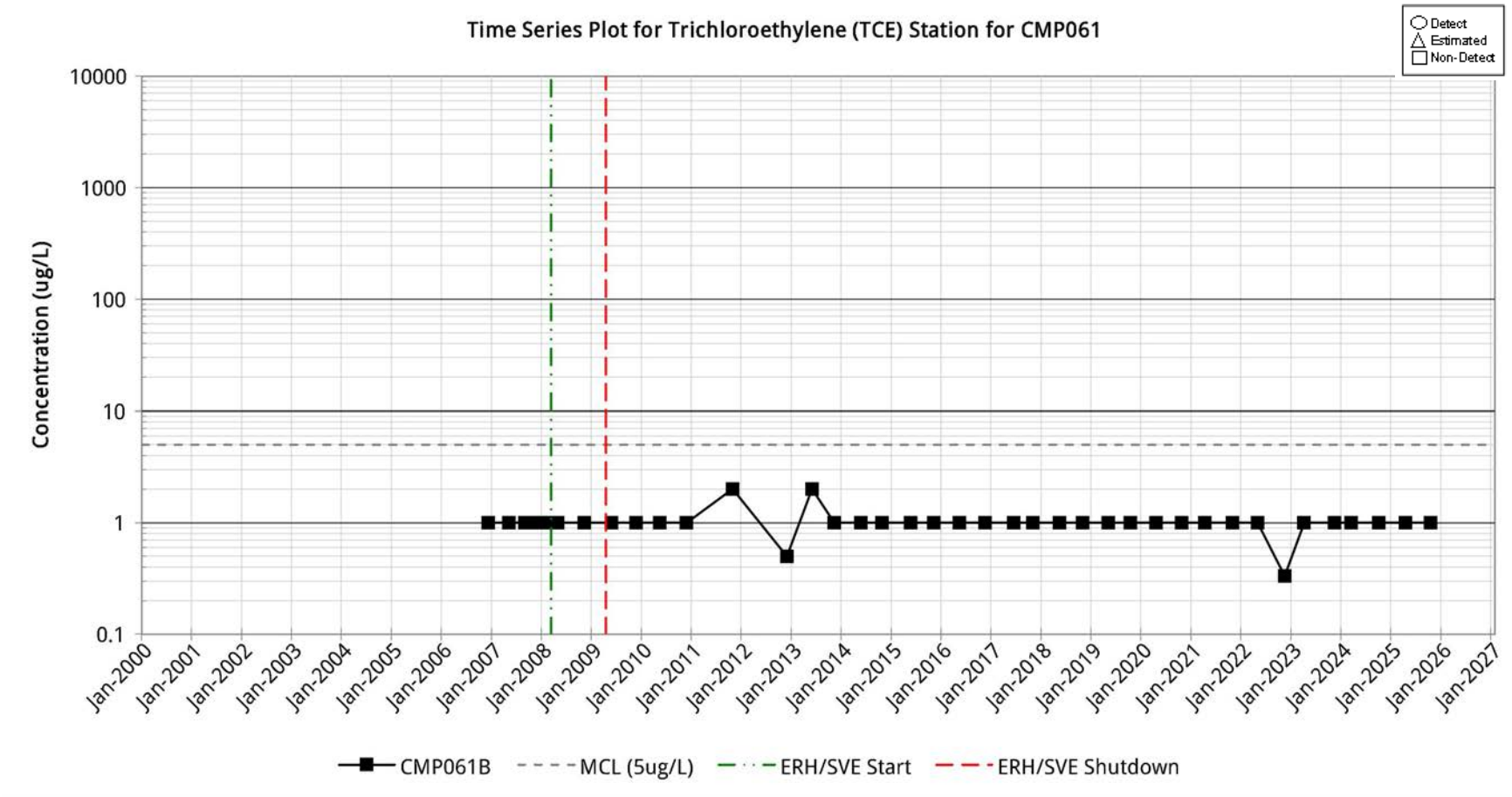

Time Series Plot for Trichloroethylene (TCE) Station for CMP 56
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 56B
CMP 56D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

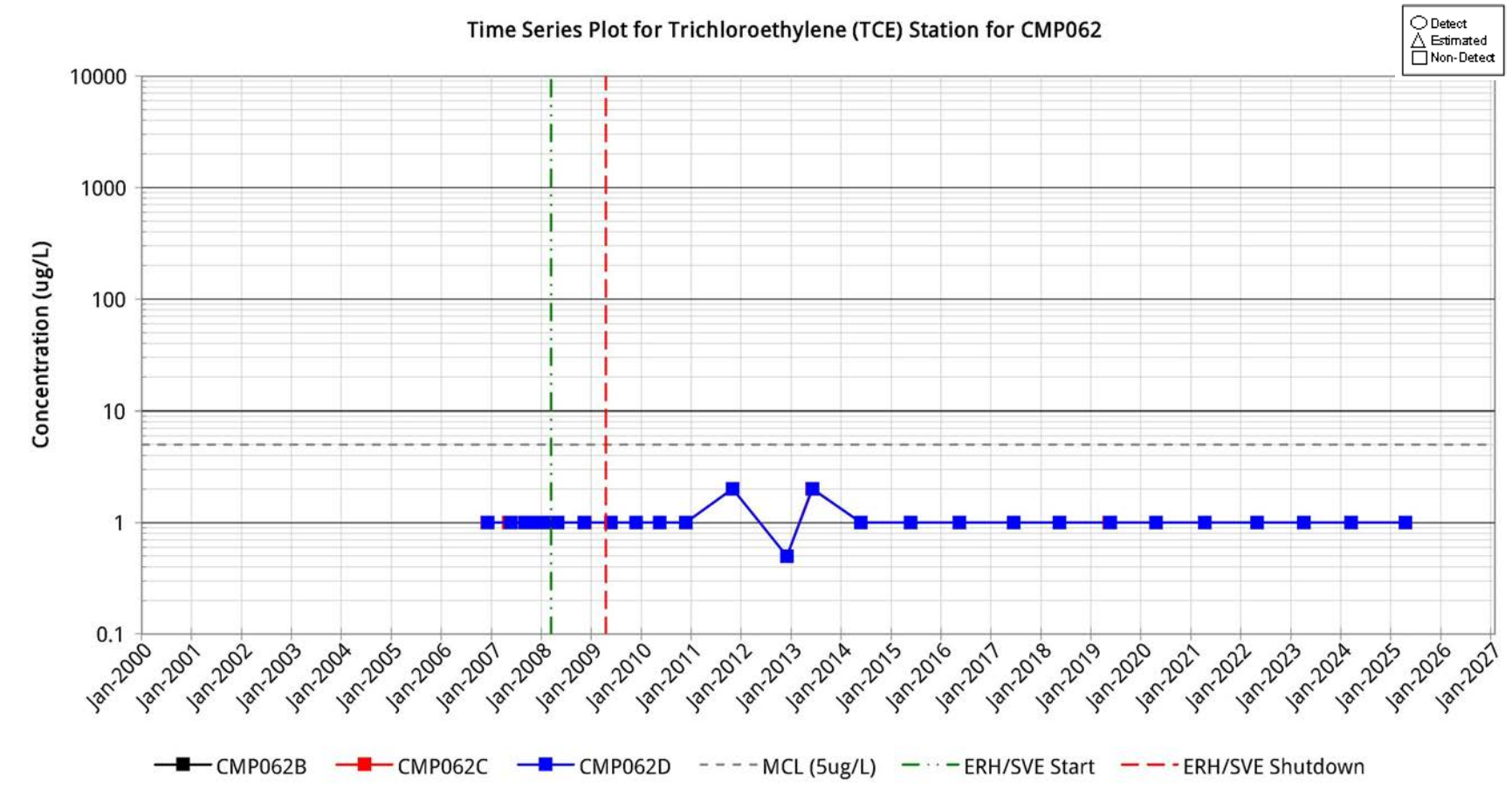

Time Series Plot for Trichloroethylene (TCE) Station for CMP 57
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 57B
CMP 57D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

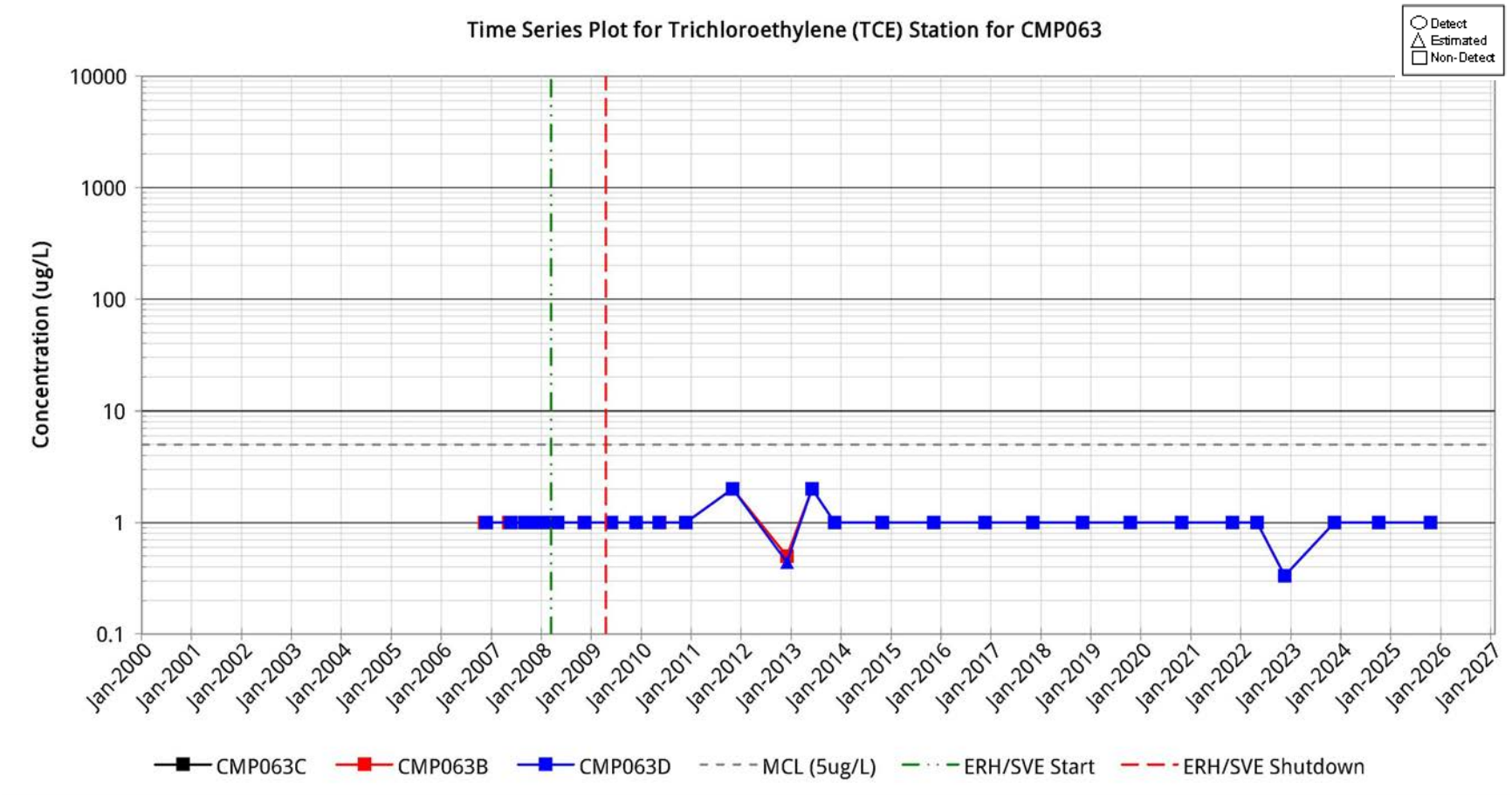

Time Series Plot for Trichloroethylene (TCE) Station for CMP058
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP058B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

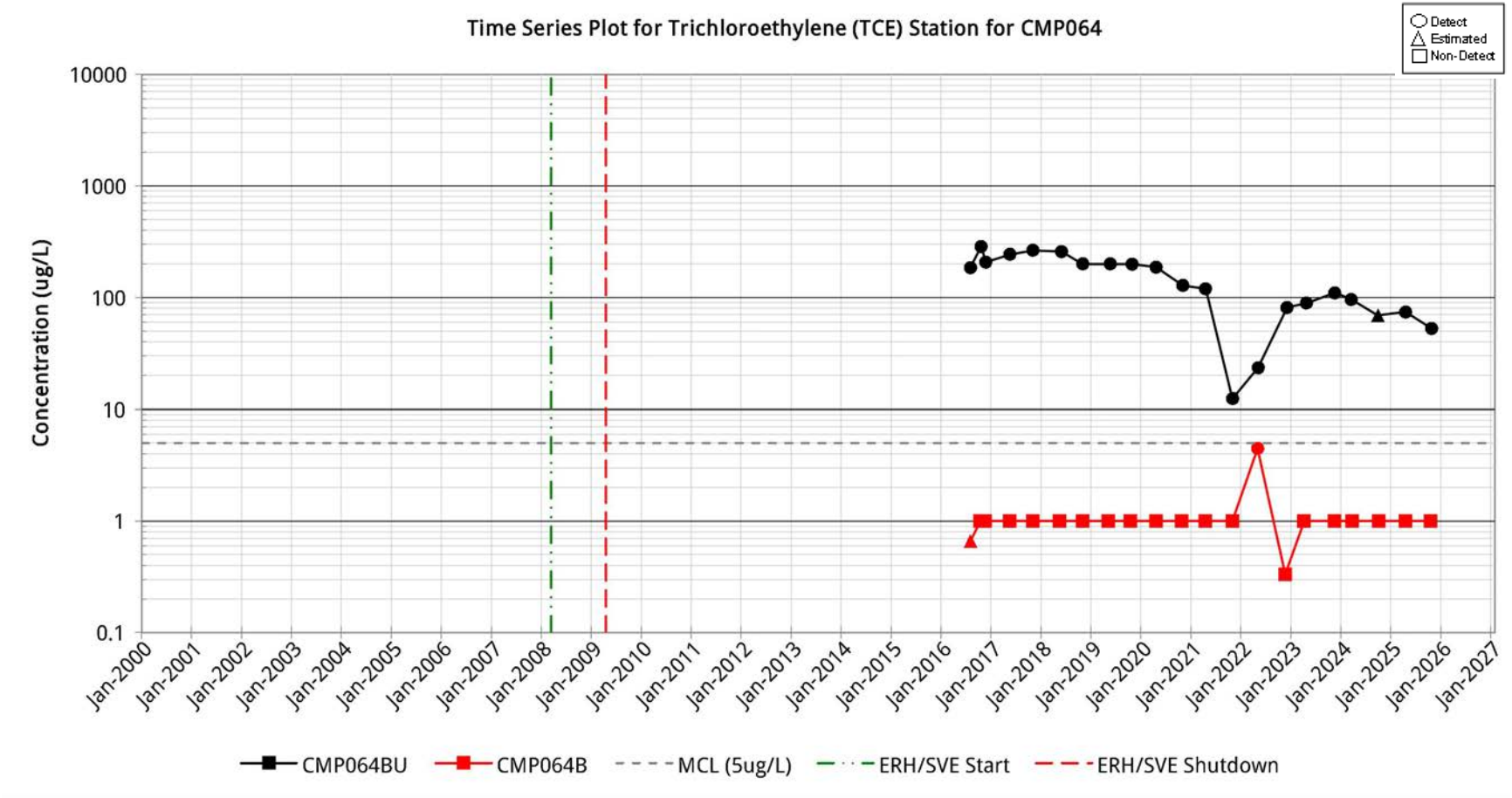

Time Series Plot for Trichloroethylene (TCE) Station for CMP059
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP059C
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

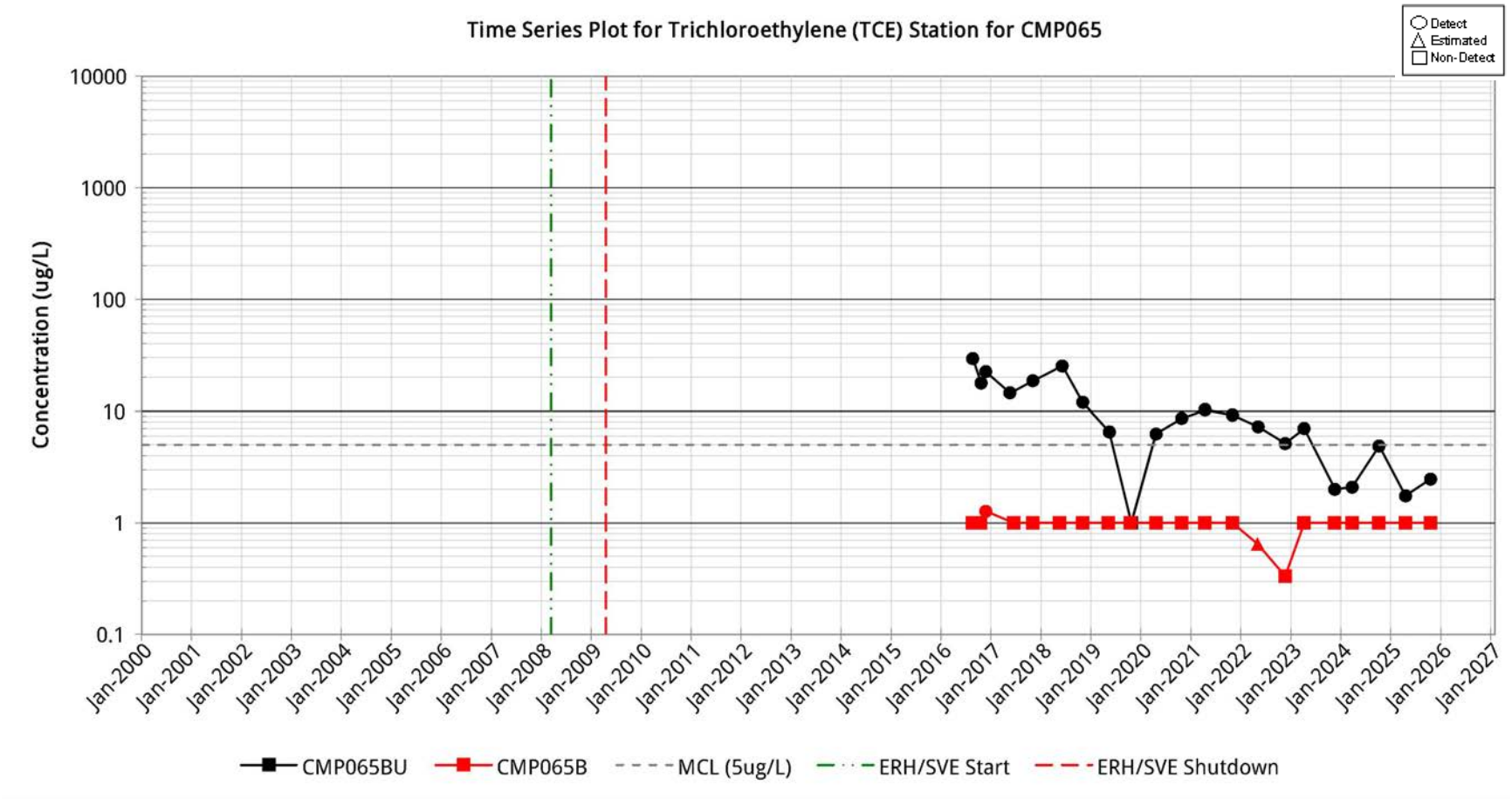

Time Series Plot for Trichloroethylene (TCE) Station for CMP060
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP060B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

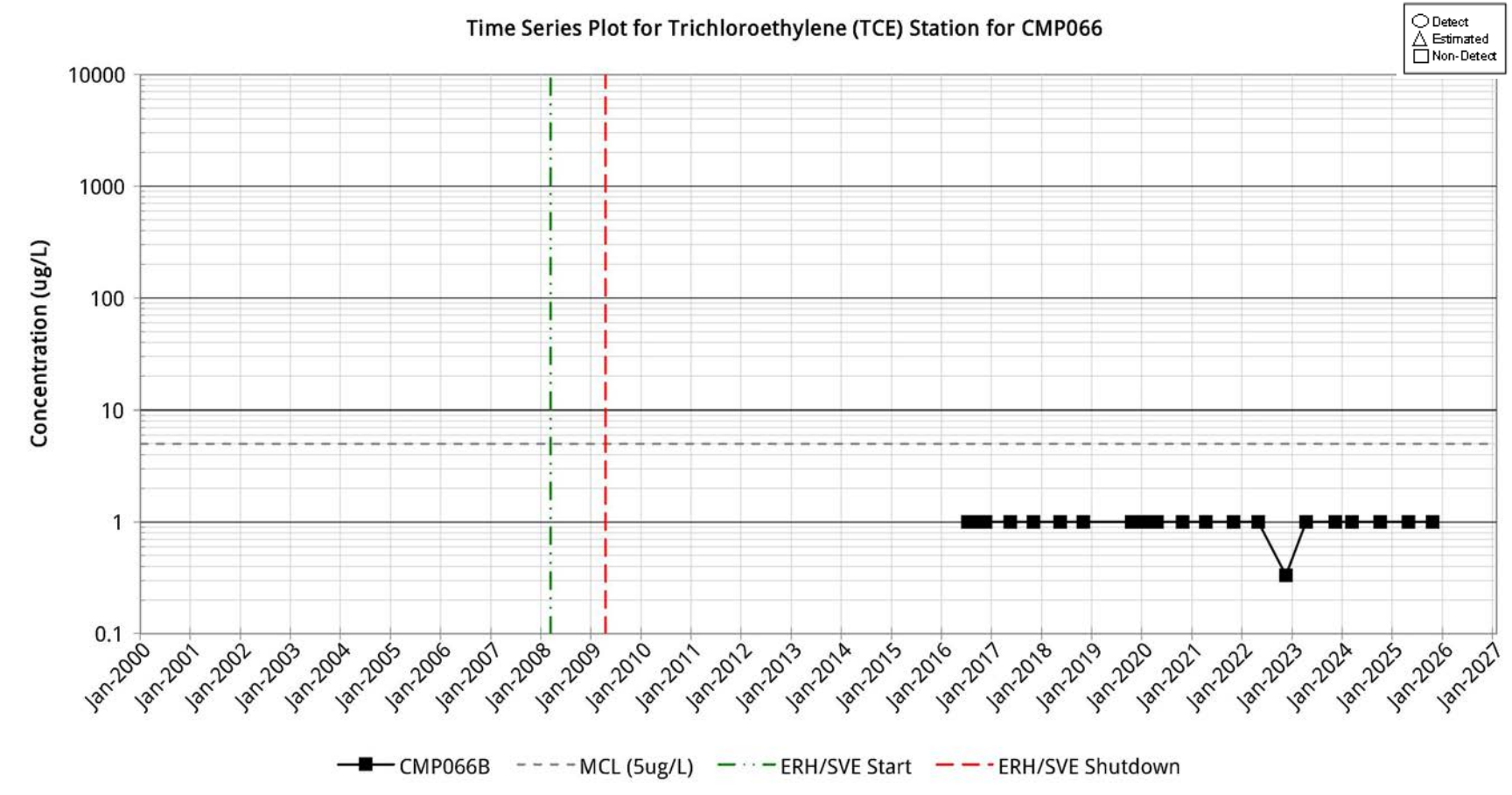

Time Series Plot for Trichloroethylene (TCE) Station for CMP061
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP061B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

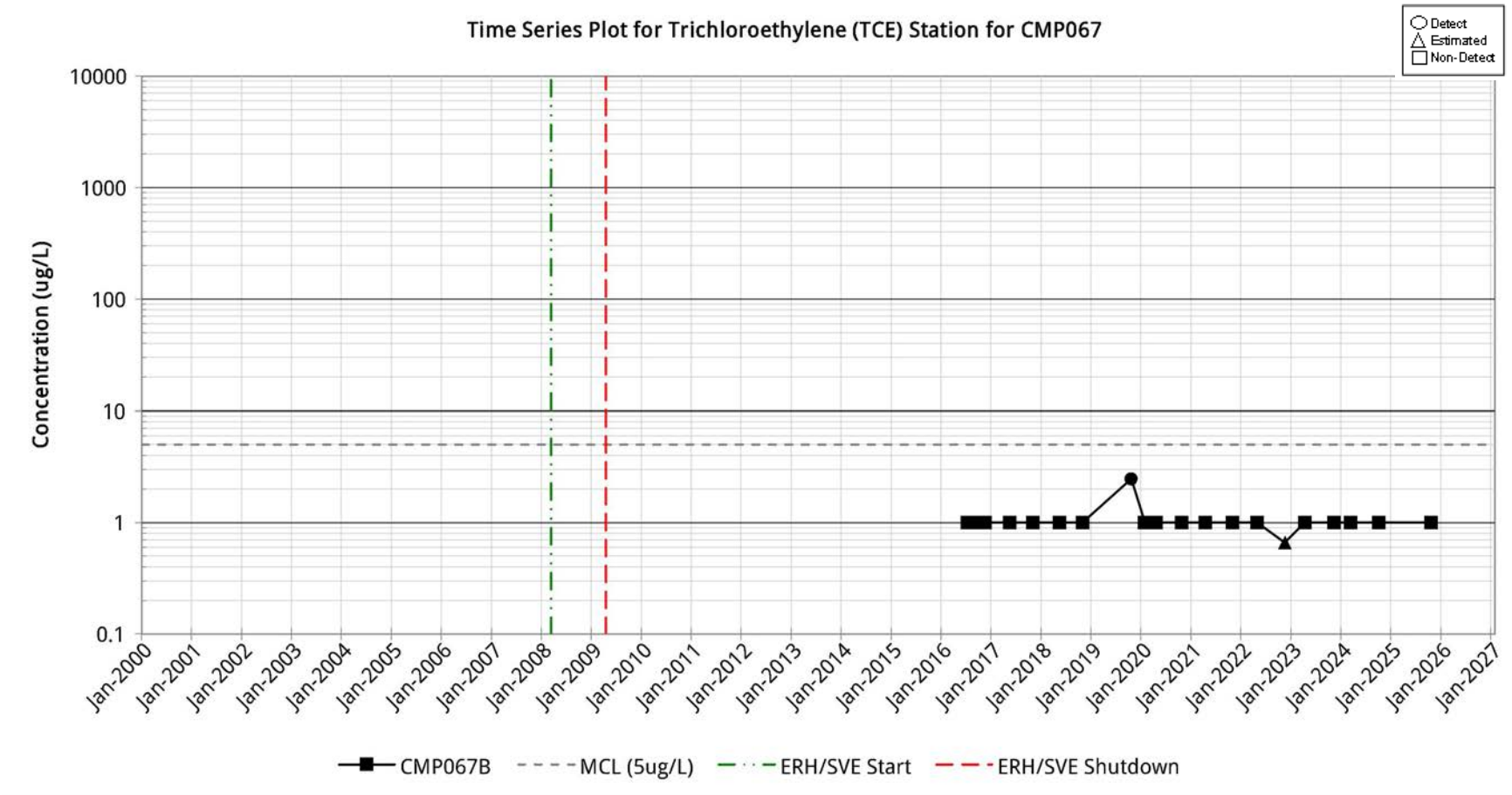

Time Series Plot for Trichloroethylene (TCE) Station for CMP062
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP062B
CMP062C
CMP062D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

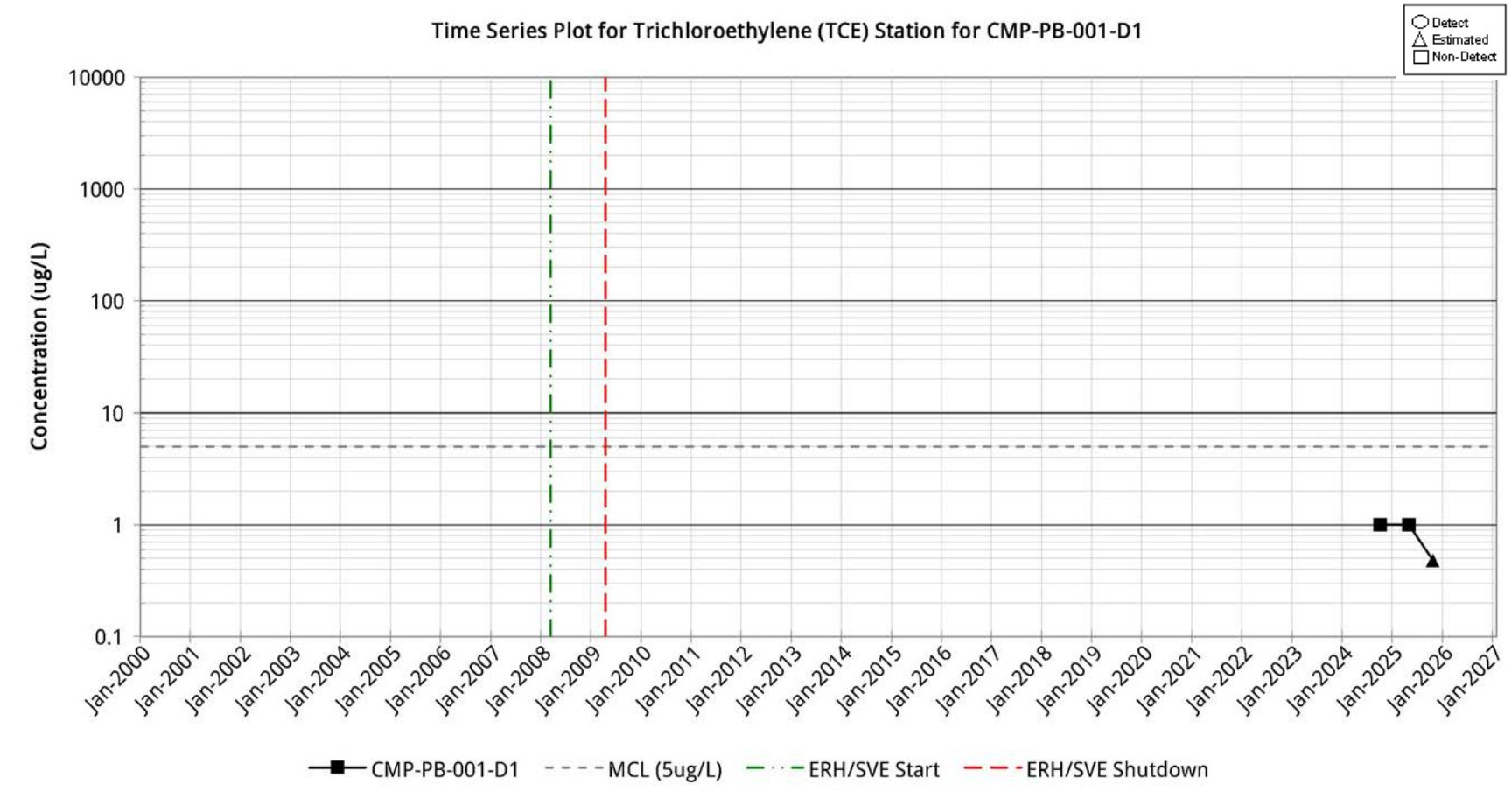

Time Series Plot for Trichloroethylene (TCE) Station for CMP063
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP063C
CMP063B
CMP063D
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

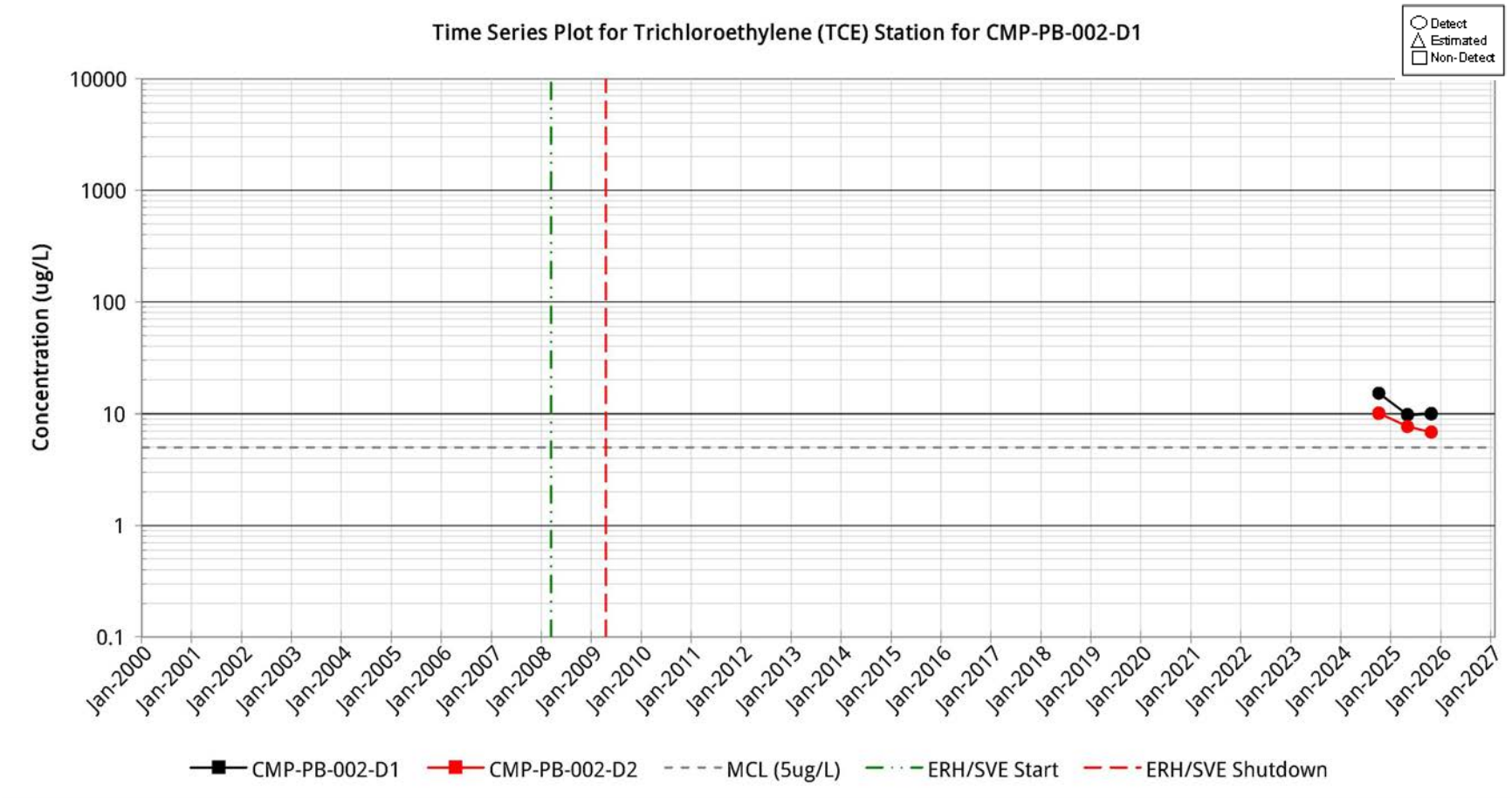

Time Series Plot for Trichloroethylene (TCE) Station for CMP064
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP064BU
CMP064B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

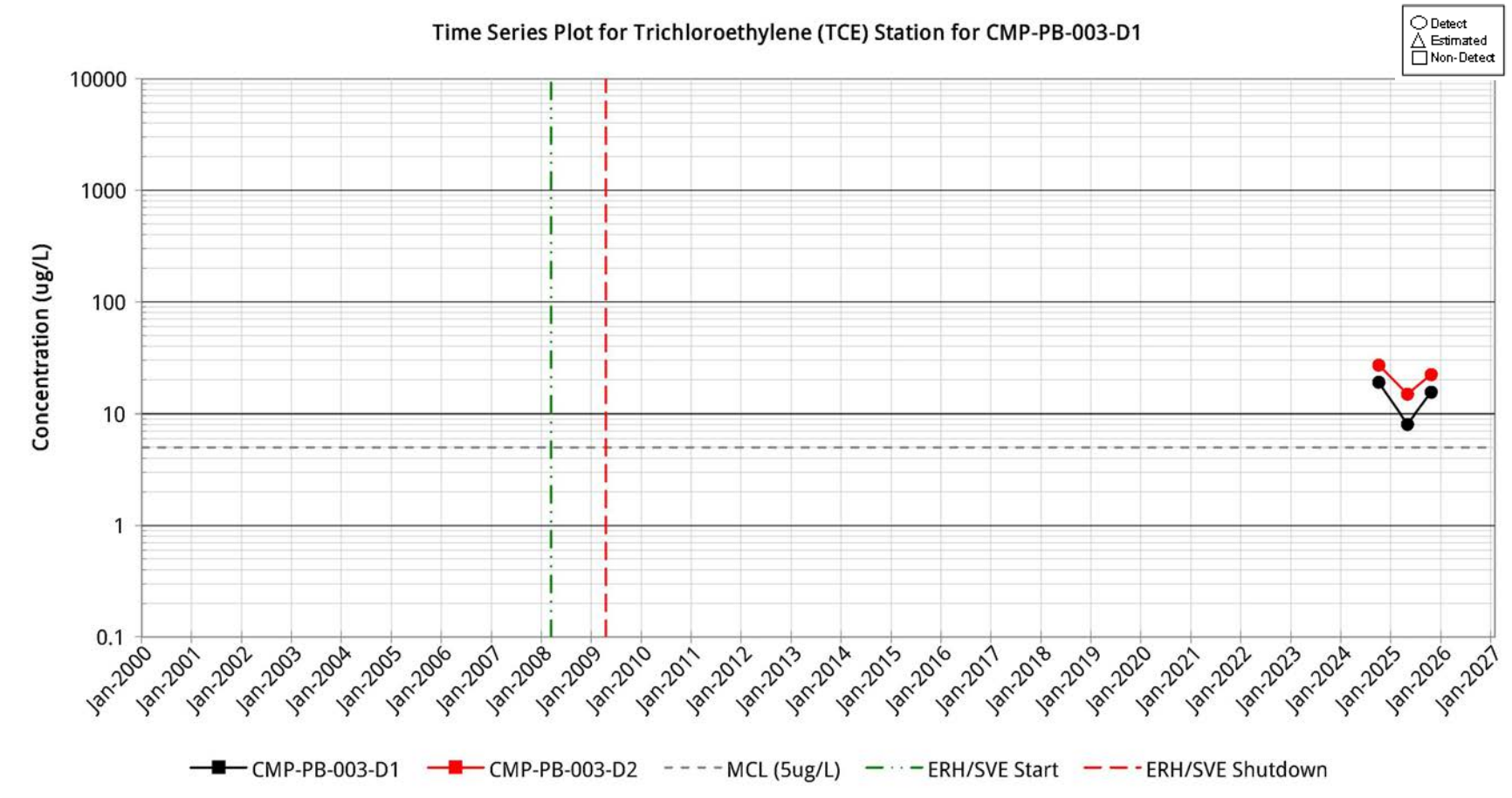

Time Series Plot for Trichloroethylene (TCE) Station for CMP065
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP065BU
CMP065B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

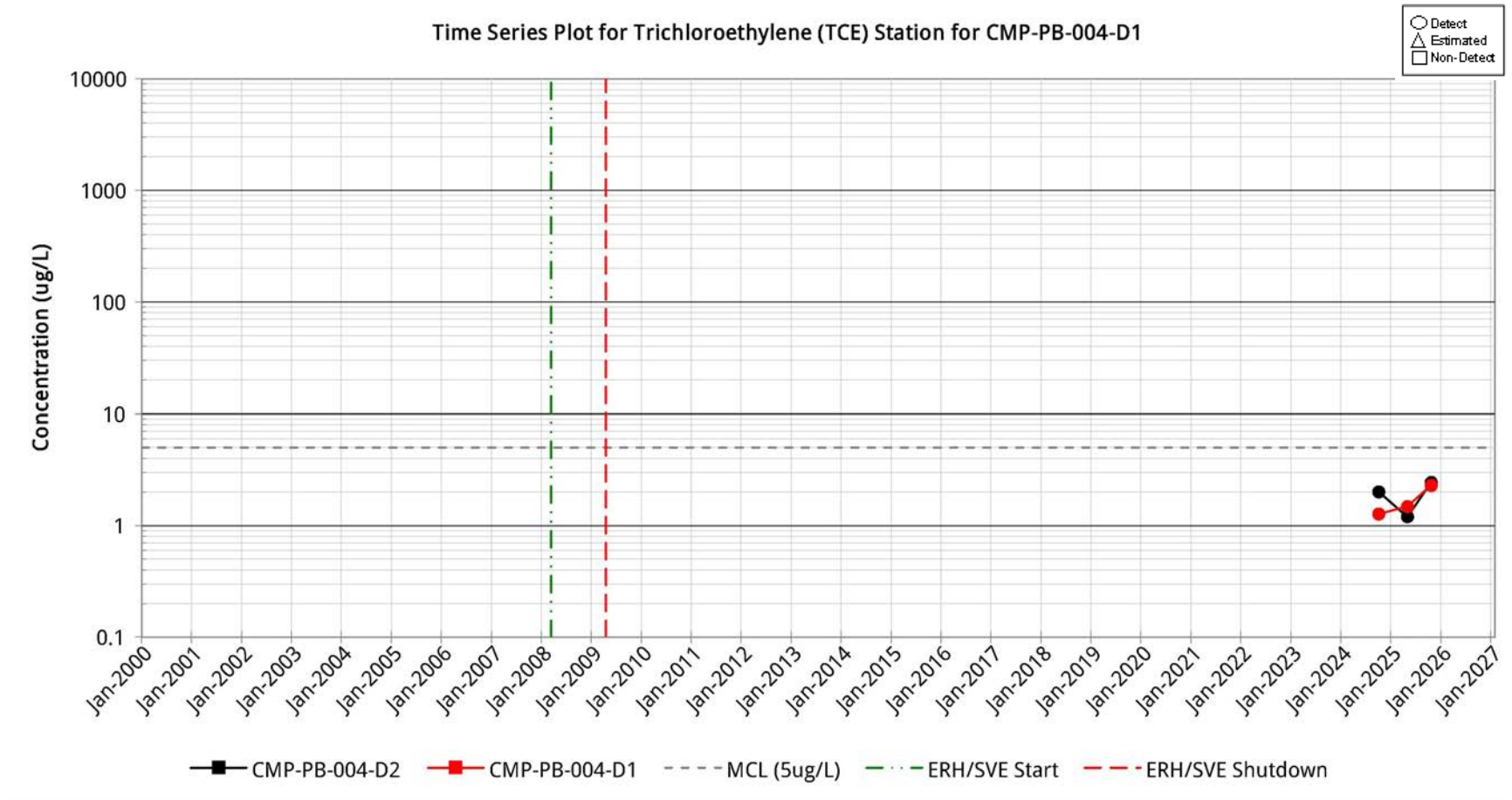

Time Series Plot for Trichloroethylene (TCE) Station for CMP066
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP066B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

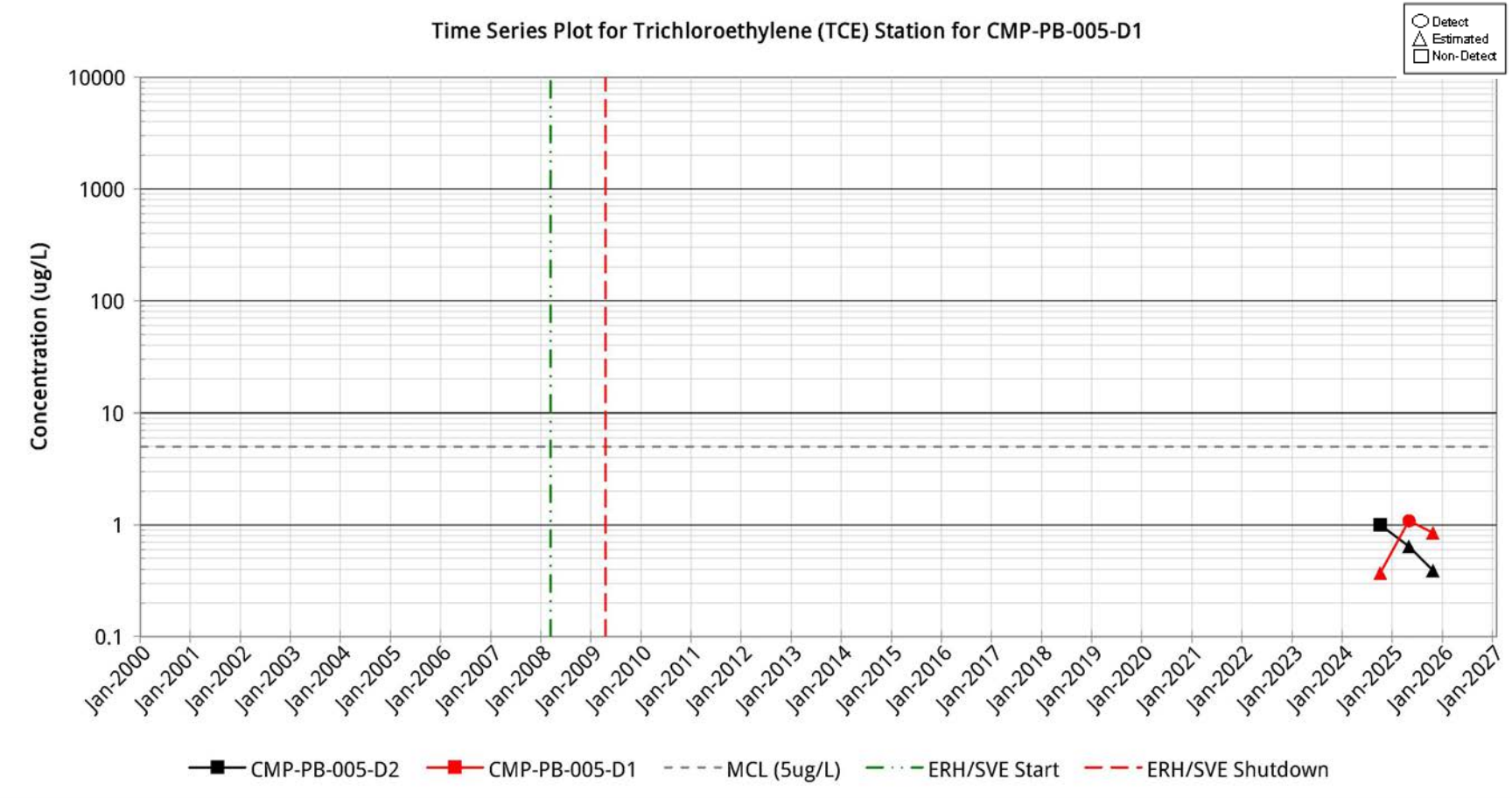

Time Series Plot for Trichloroethylene (TCE) Station for CMP067
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP067B
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

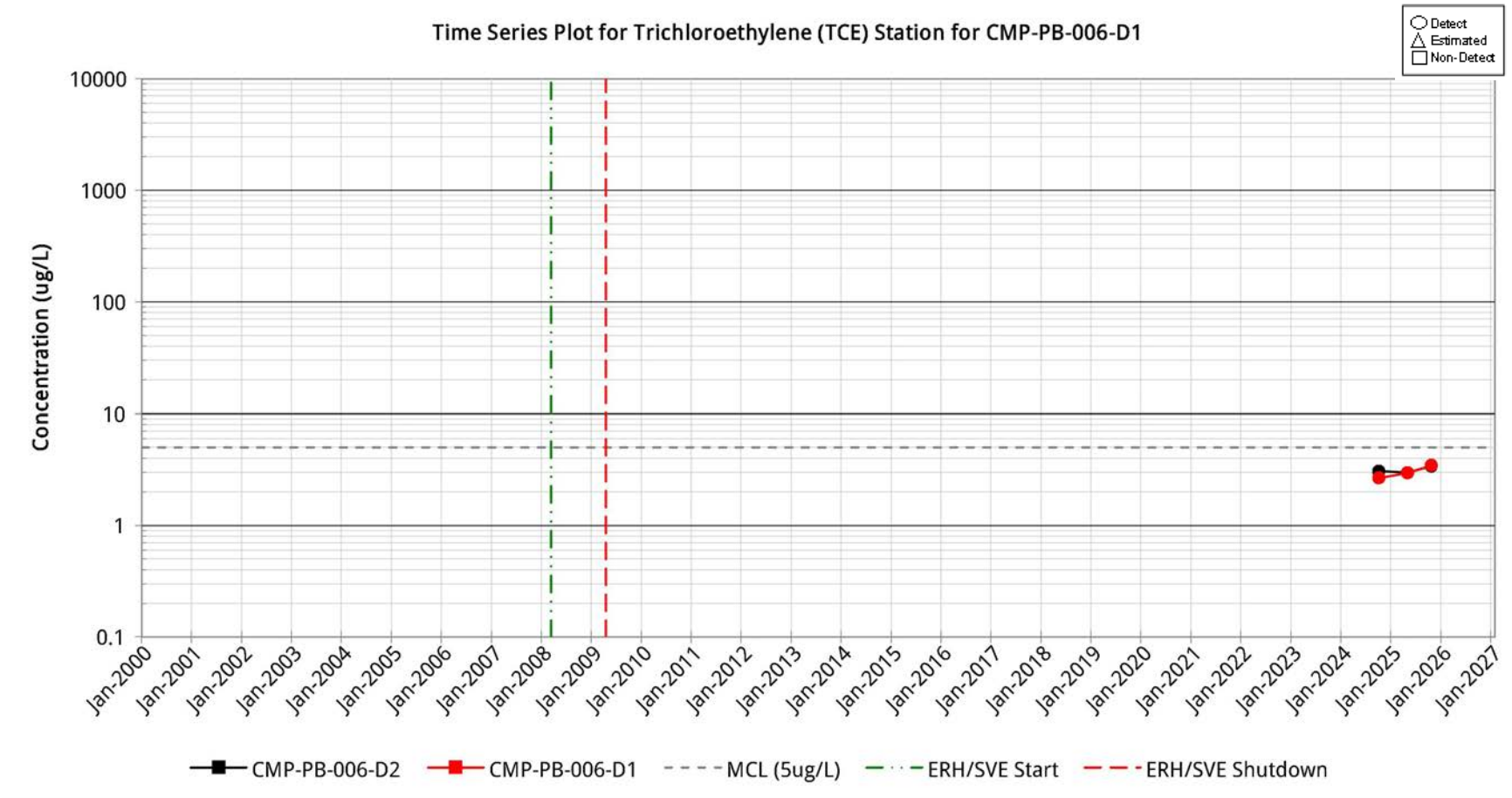

Time Series Plot for Trichloroethylene (TCE) Station for CMP-PB-001-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-001-D1
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

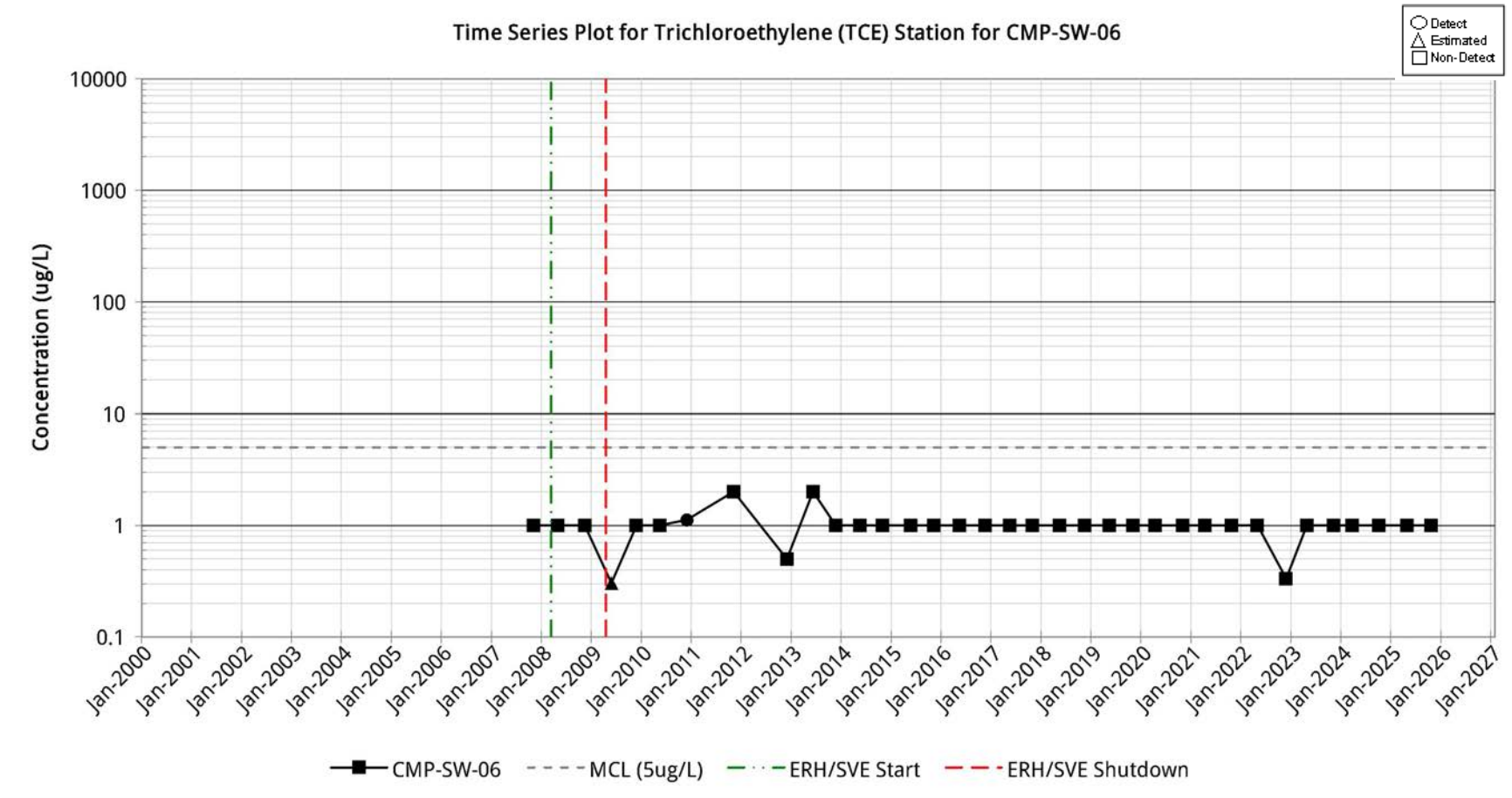

Time Series Plot for Trichloroethylene (TCE) Station for CMP-PB-002-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-002-D1
CMP-PB-002-D2
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

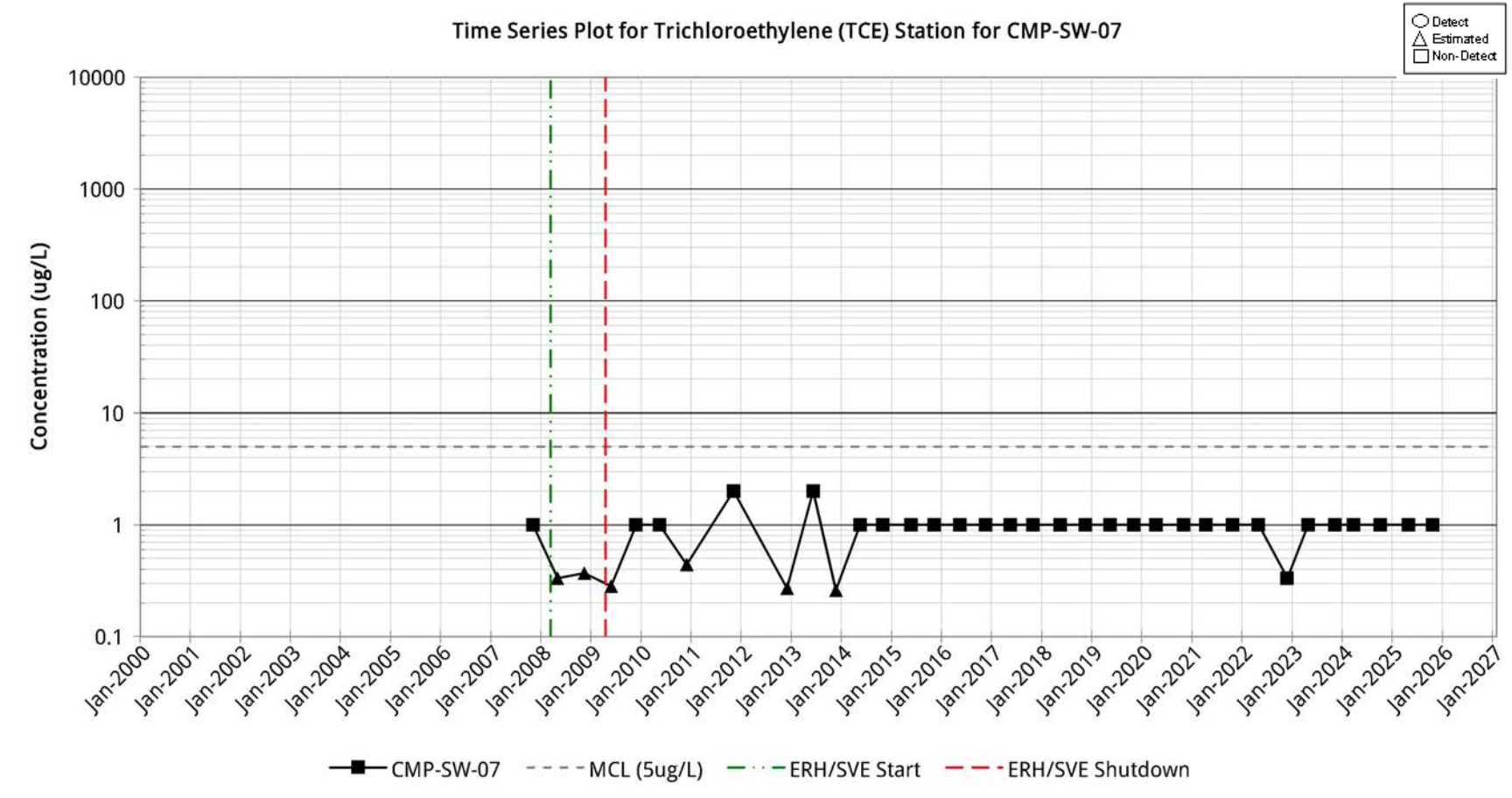

Time Series Plot for Trichloroethylene (TCE) Station for CMP-PB-003-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-003-D1
CMP-PB-003-D2
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

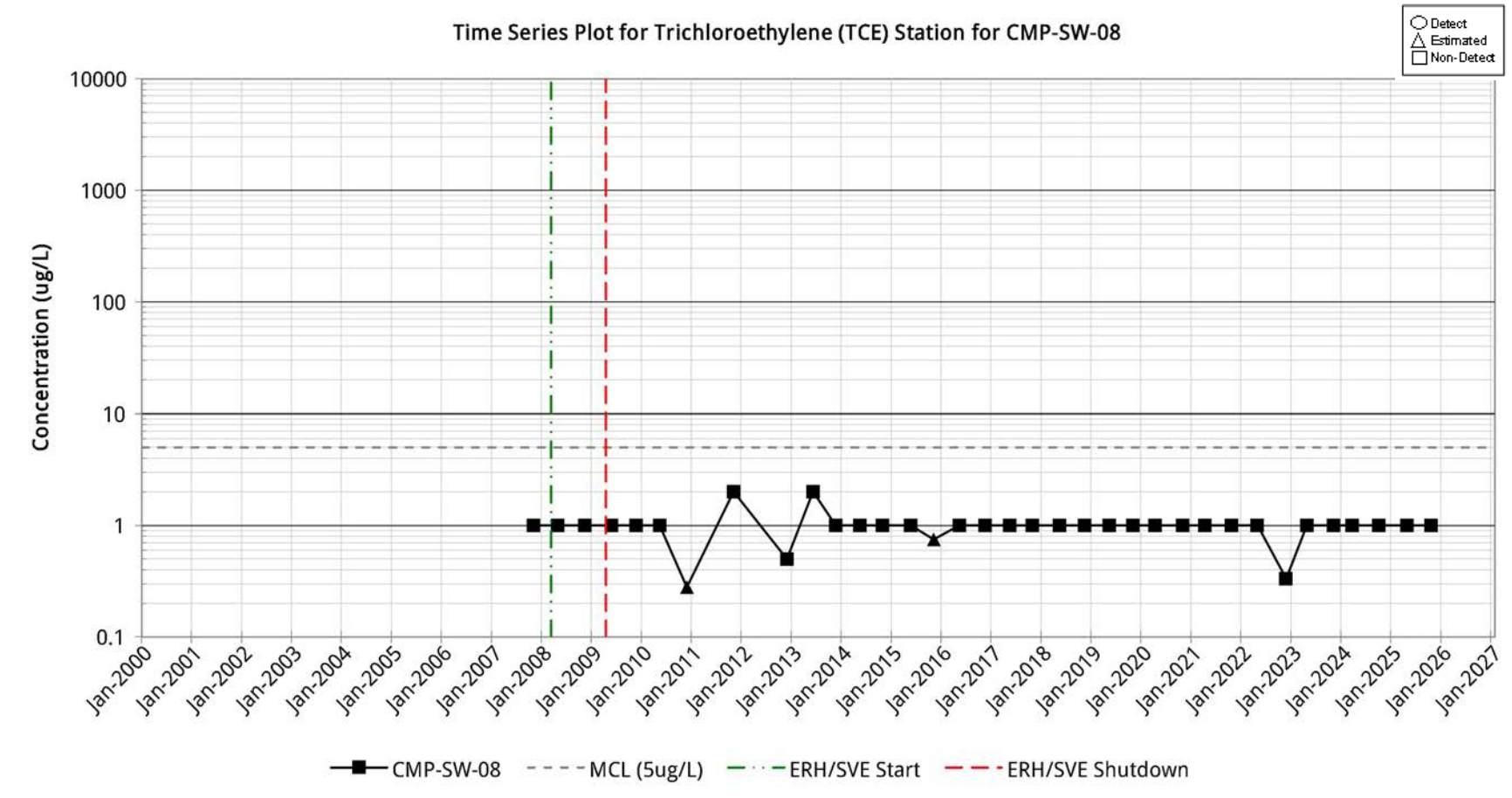

Time Series Plot for Trichloroethylene (TCE) Station for CMP-PB-004-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-004-D2
CMP-PB-004-D1
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

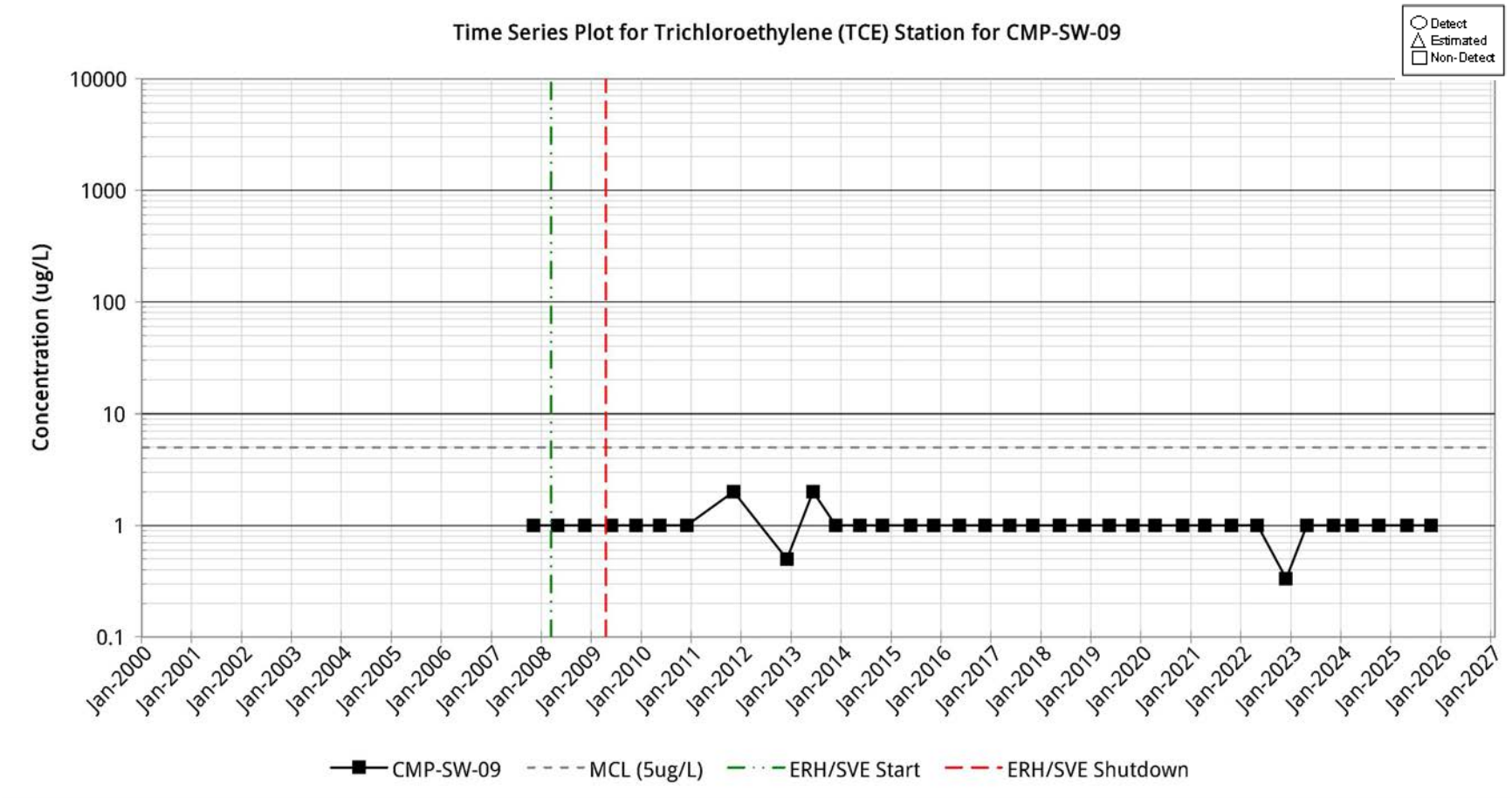

Time Series Plot for Trichloroethylene (TCE) Station for CMP-PB-005-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-005-D2
CMP-PB-005-D1
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

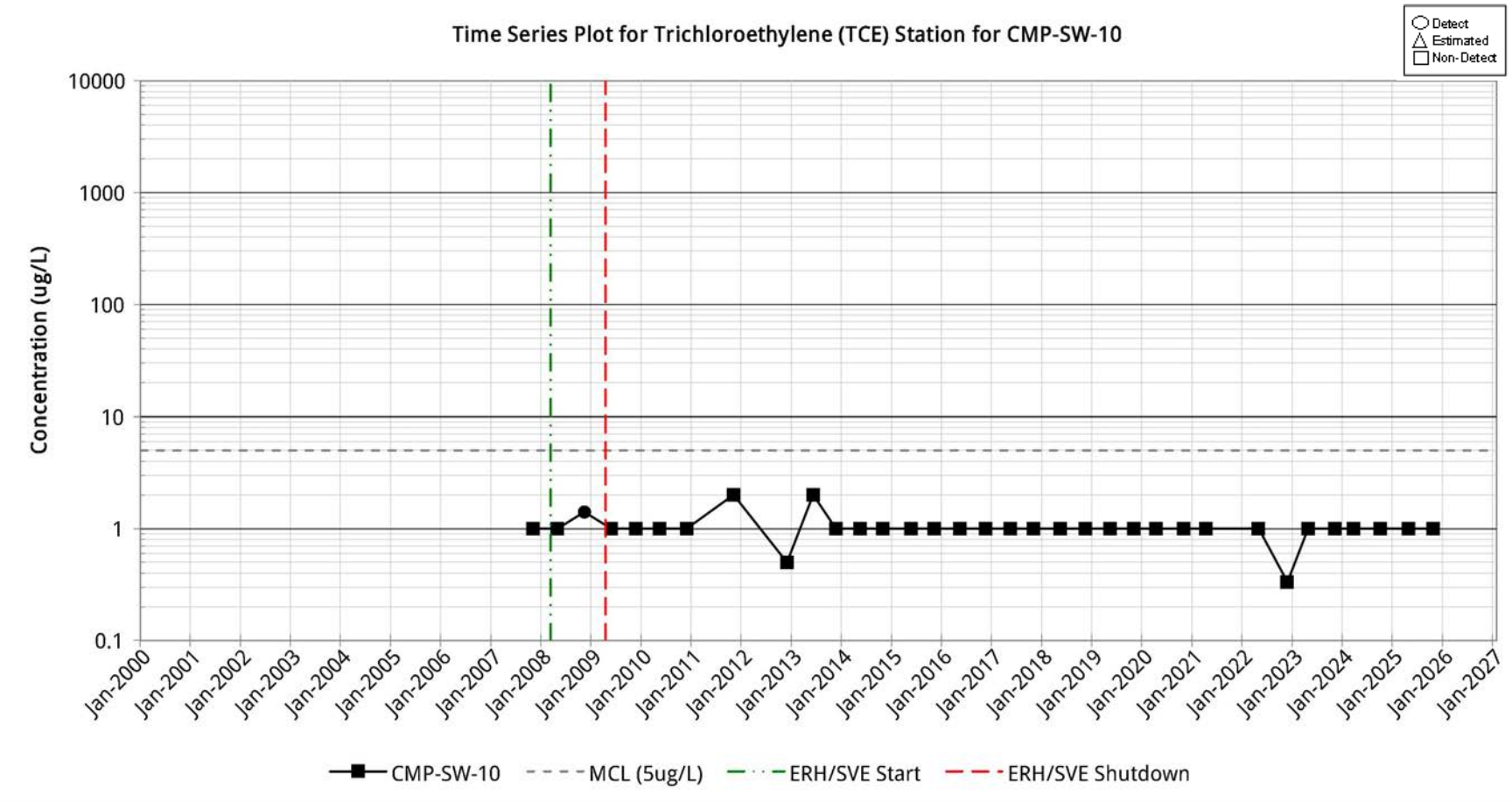

Time Series Plot for Trichloroethylene (TCE) Station for CMP-PB-006-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-006-D2
CMP-PB-006-D1
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

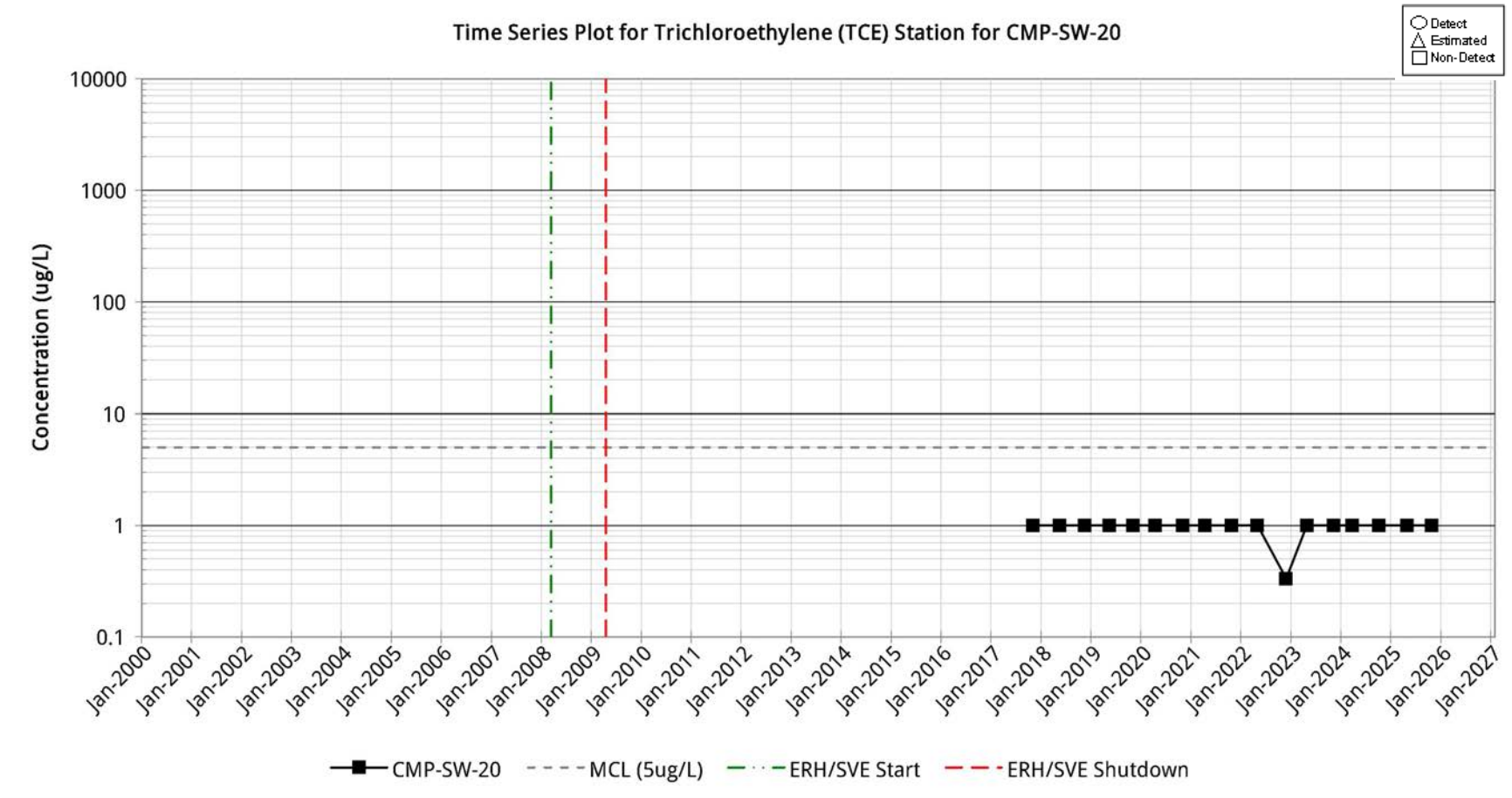

Time Series Plot for Trichloroethylene (TCE) Station for CMP-SW-06
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-06
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

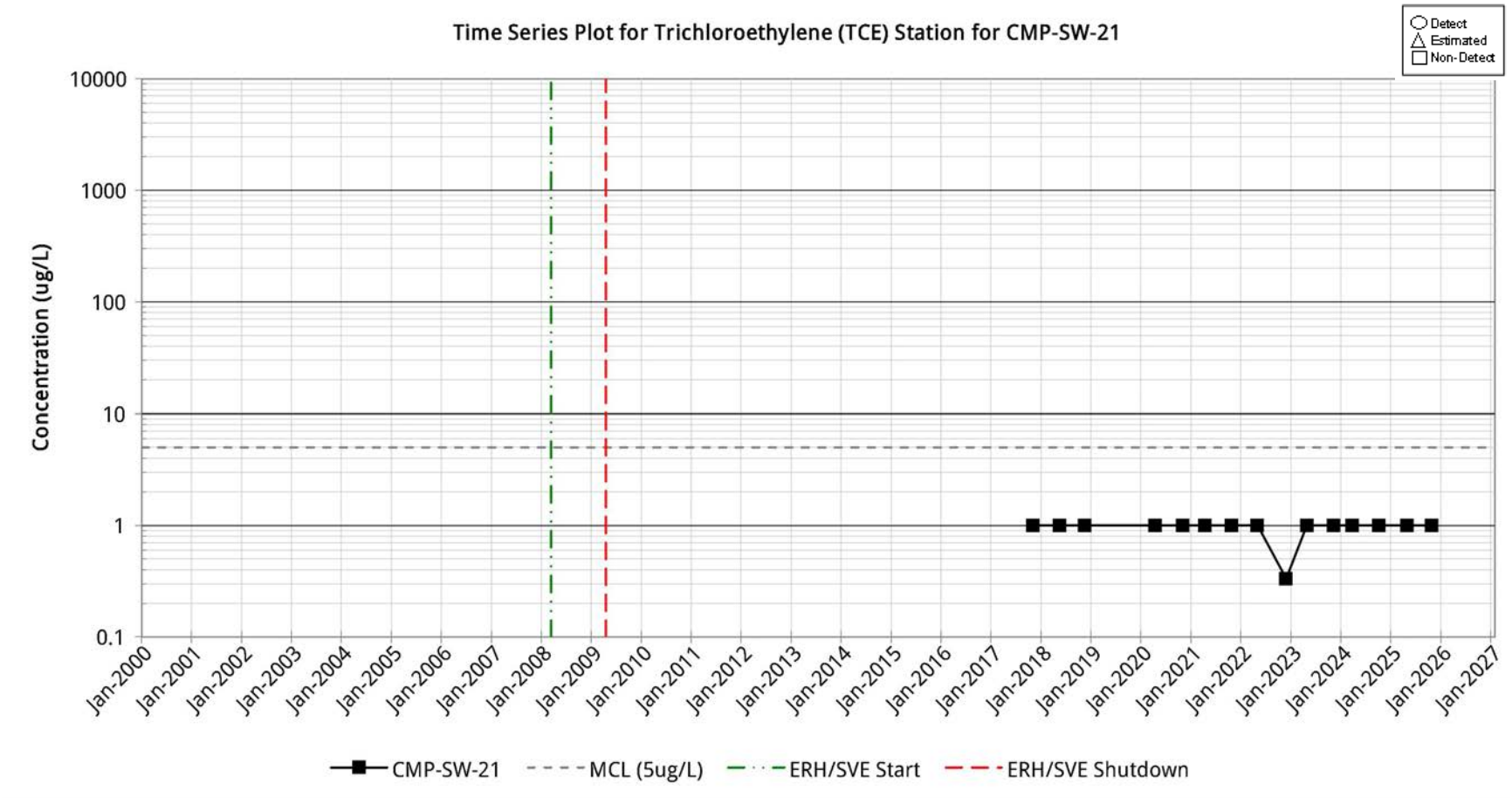

Time Series Plot for Trichloroethylene (TCE) Station for CMP-SW-07
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-07
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

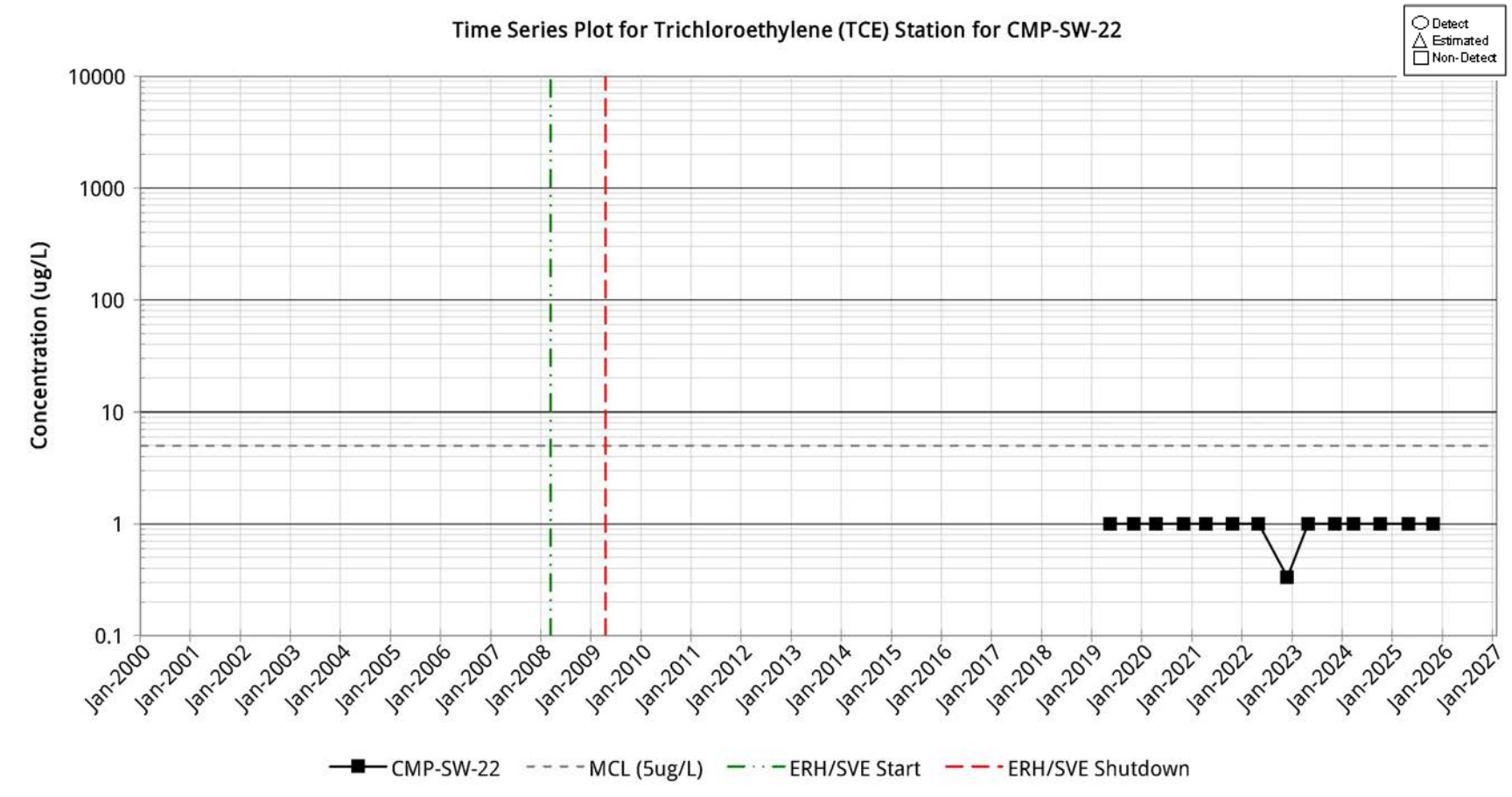

Time Series Plot for Trichloroethylene (TCE) Station for CMP-SW-08
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-08
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

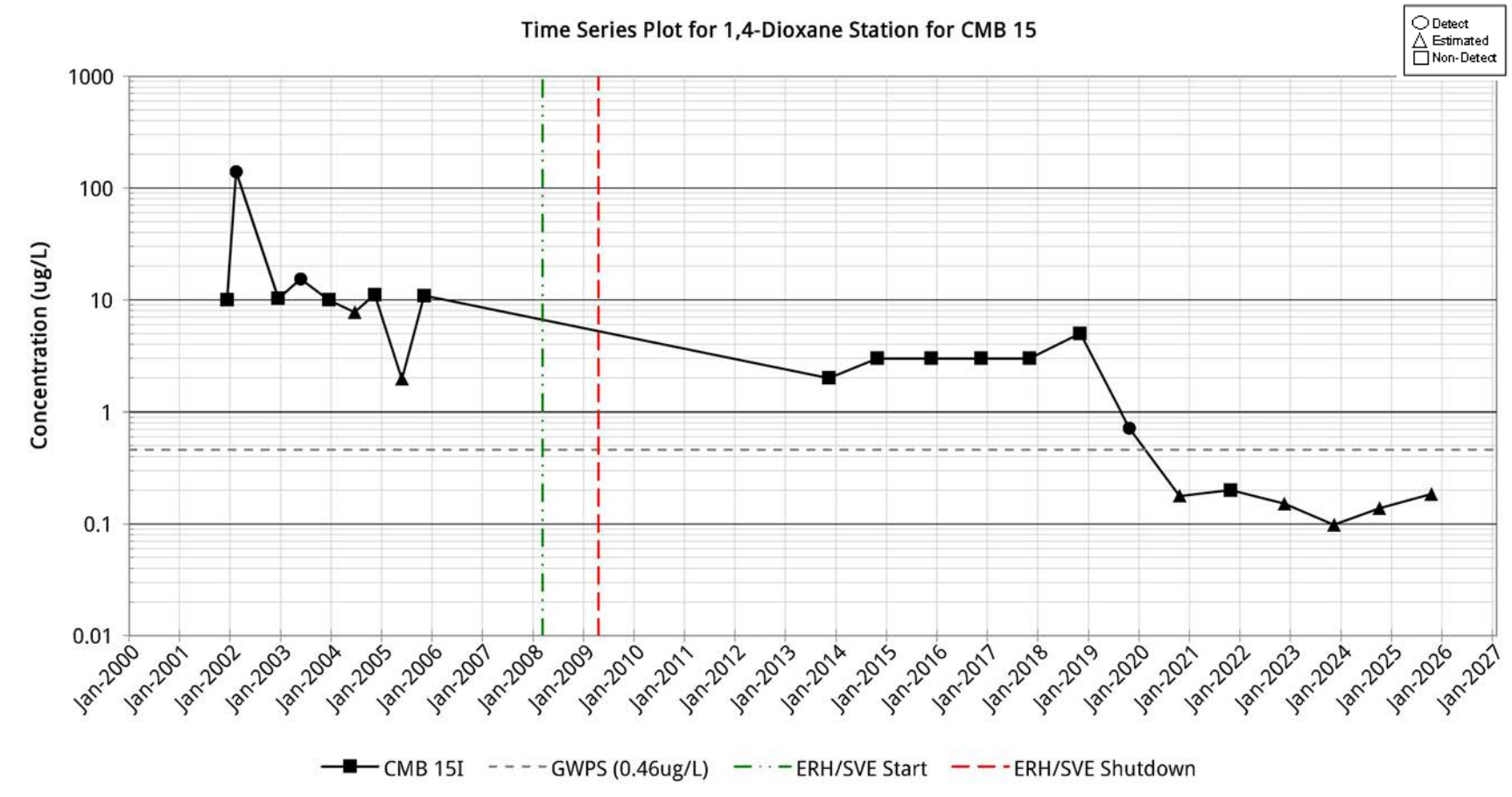

Time Series Plot for Trichloroethylene (TCE) Station for CMP-SW-09
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-09
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

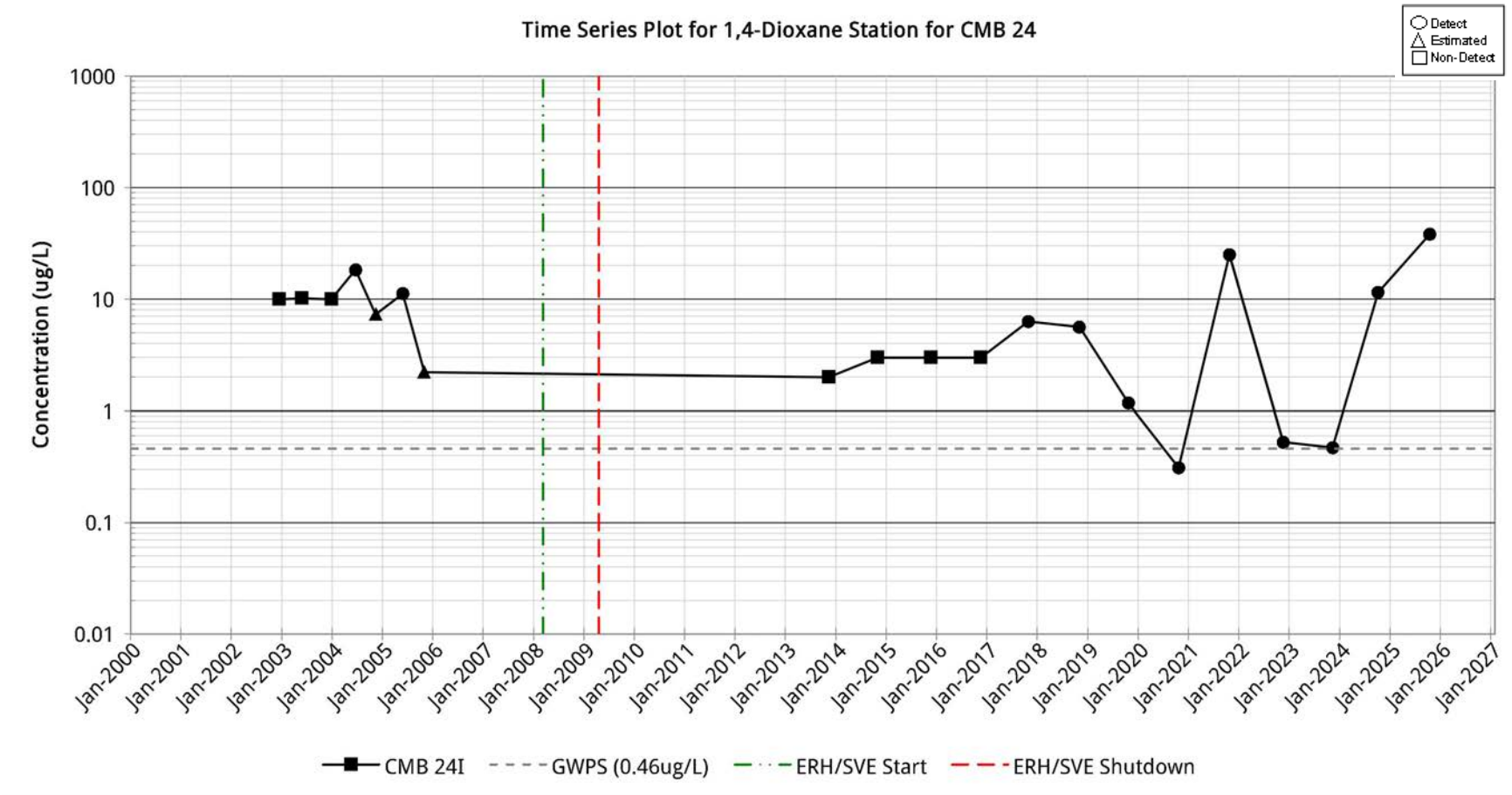

Time Series Plot for Trichloroethylene (TCE) Station for CMP-SW-10
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-10
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

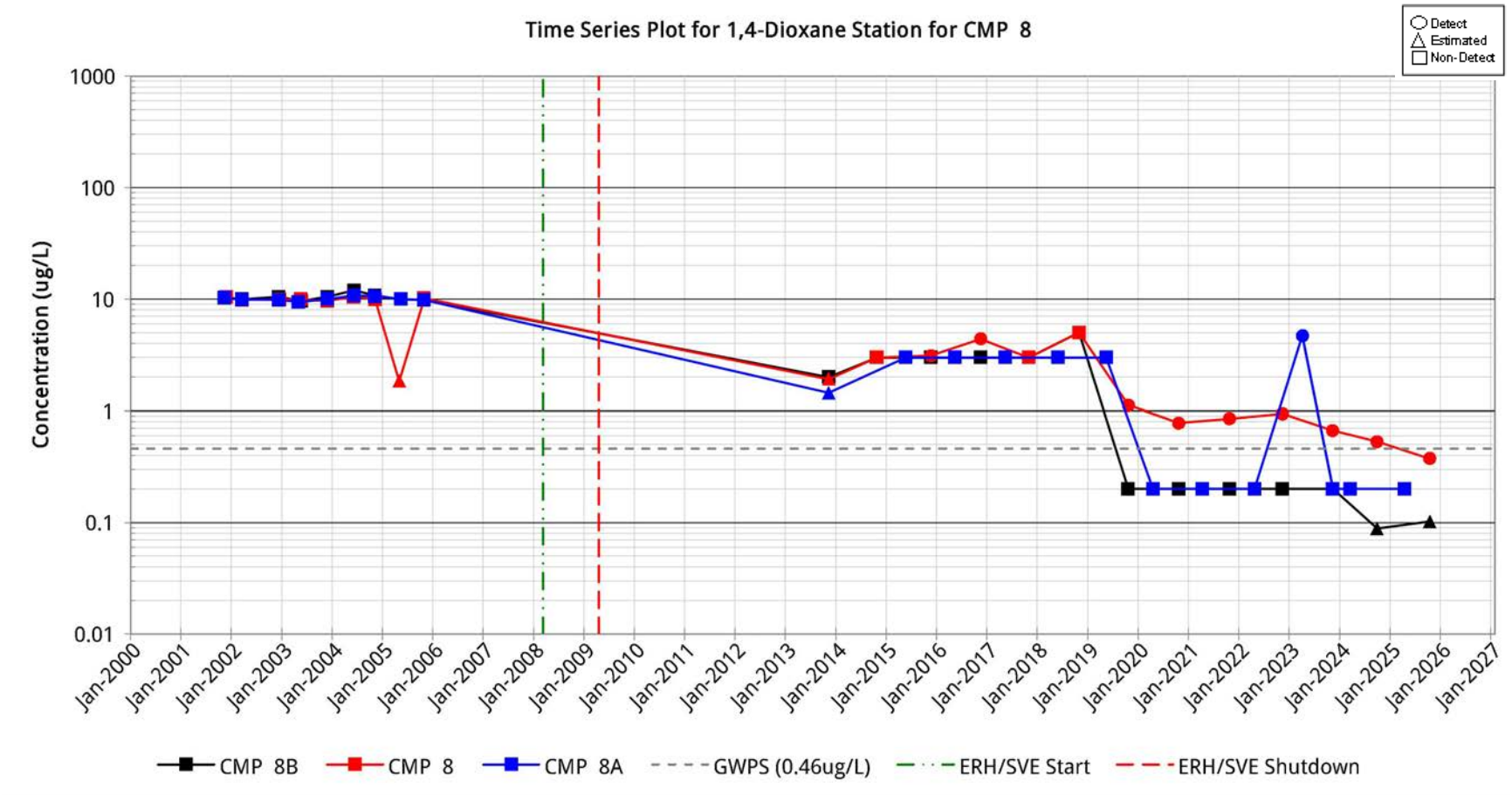

Time Series Plot for Trichloroethylene (TCE) Station for CMP-SW-20
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-20
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

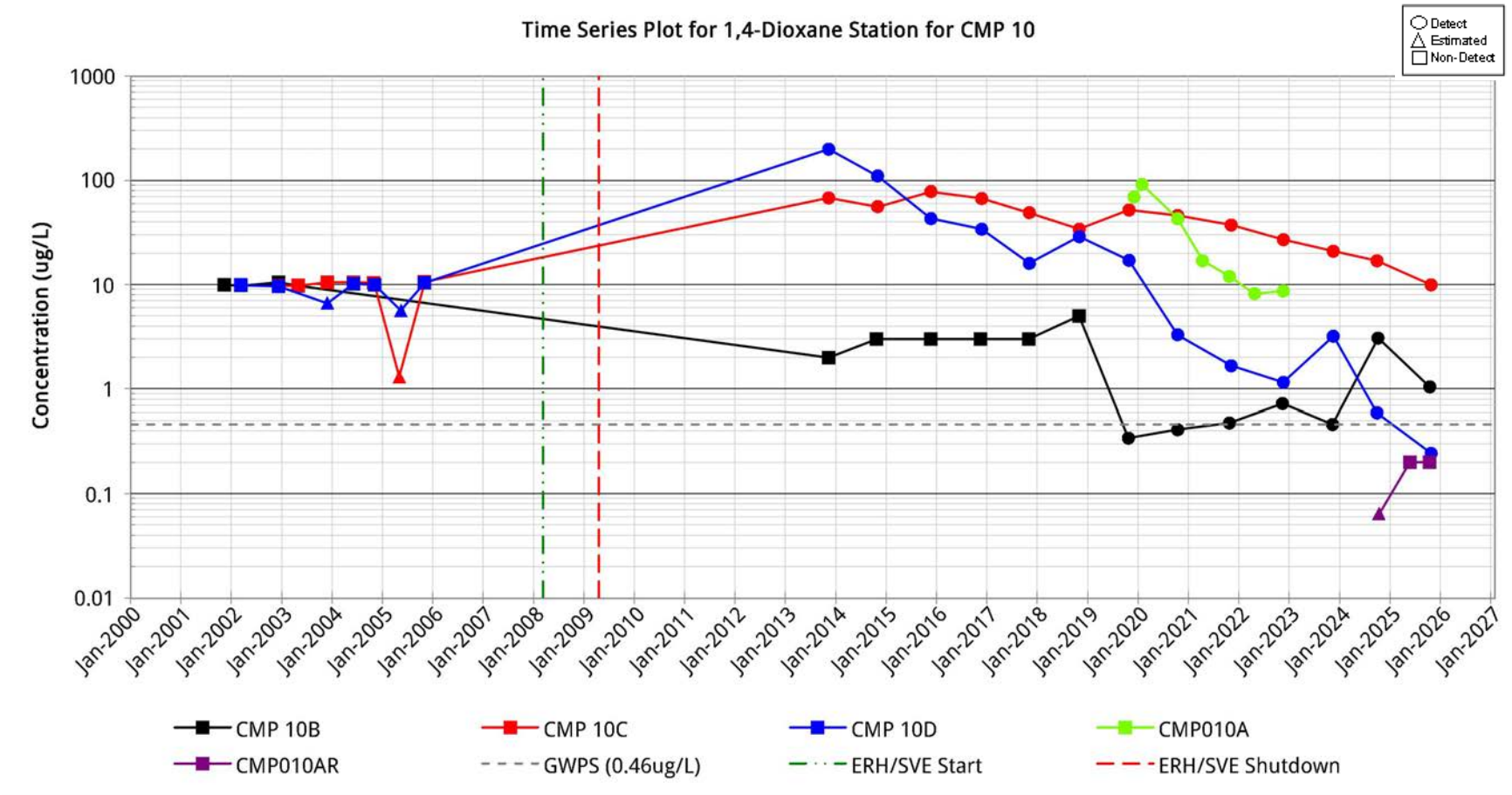

Time Series Plot for Trichloroethylene (TCE) Station for CMP-SW-21
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-21
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

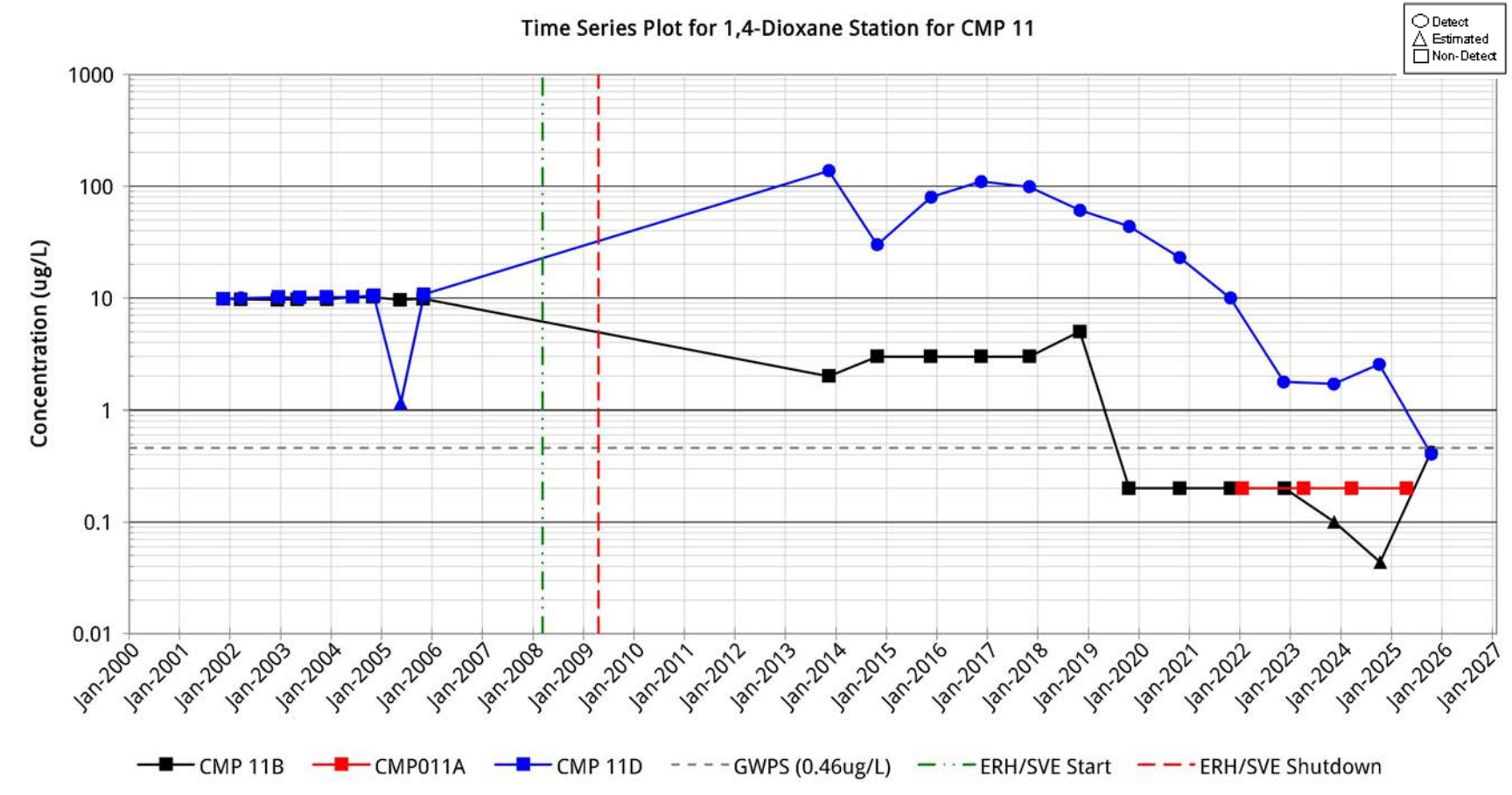

Time Series Plot for Trichloroethylene (TCE) Station for CMP-SW-22
Detect
Estimated
Non-Detect
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-22
MCL (5ug/L)
ERH/SVE Start
ERH/SVE Shutdown

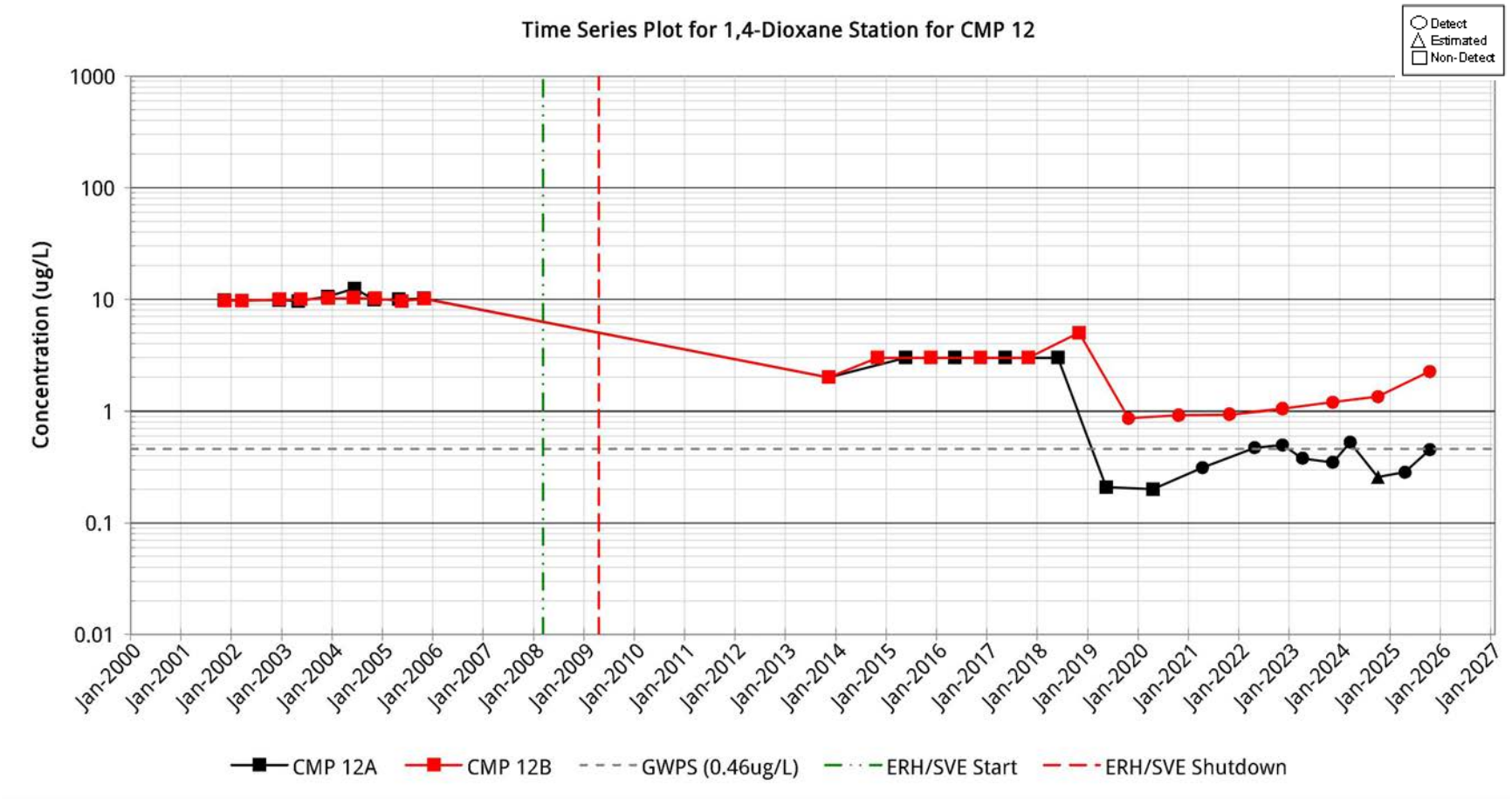

Time Series Plot for 1,4-Dioxane Station for CMB 15
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMB 15I
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

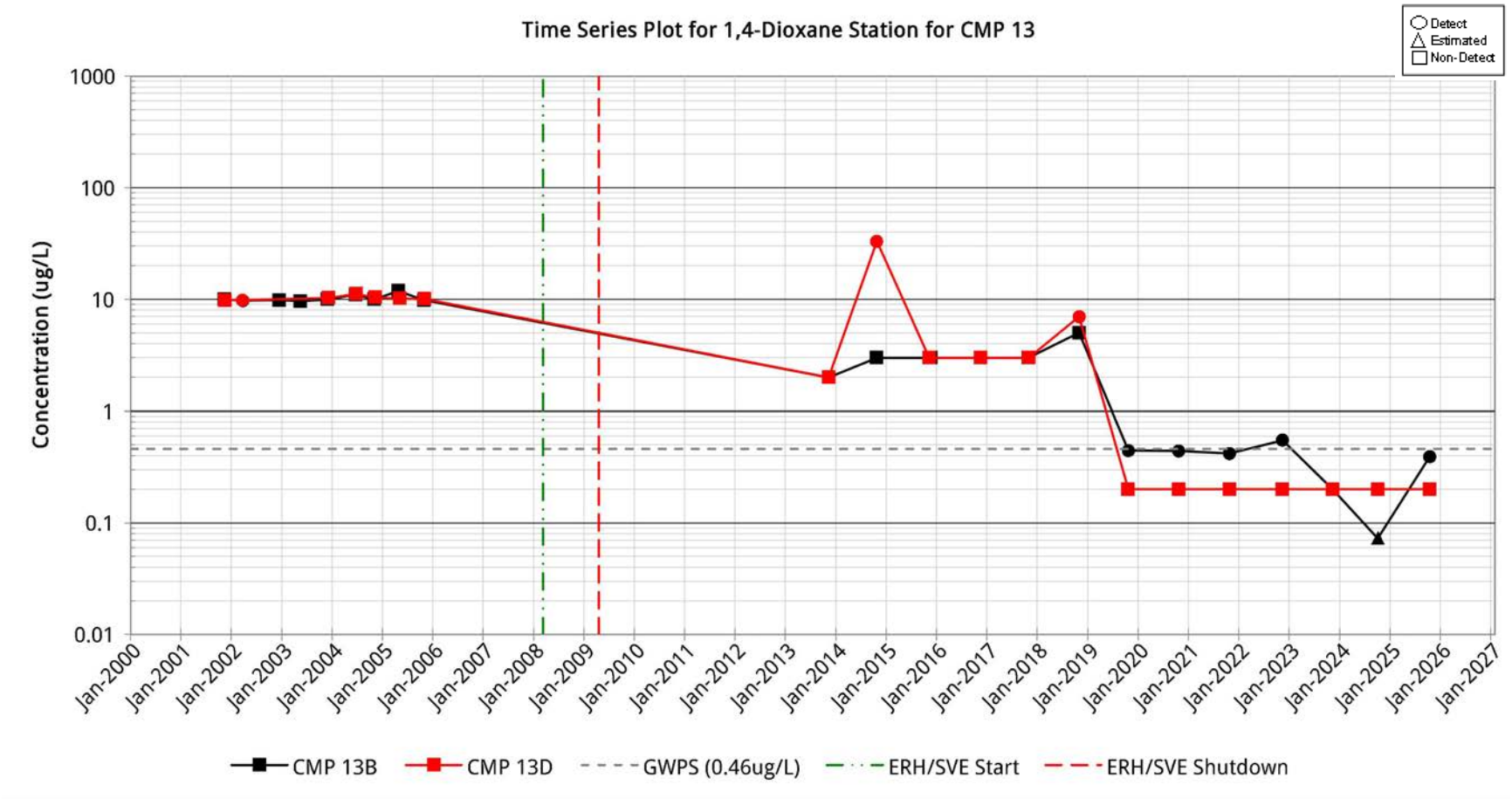

Time Series Plot for 1,4-Dioxane Station for CMB 24
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMB 24I
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

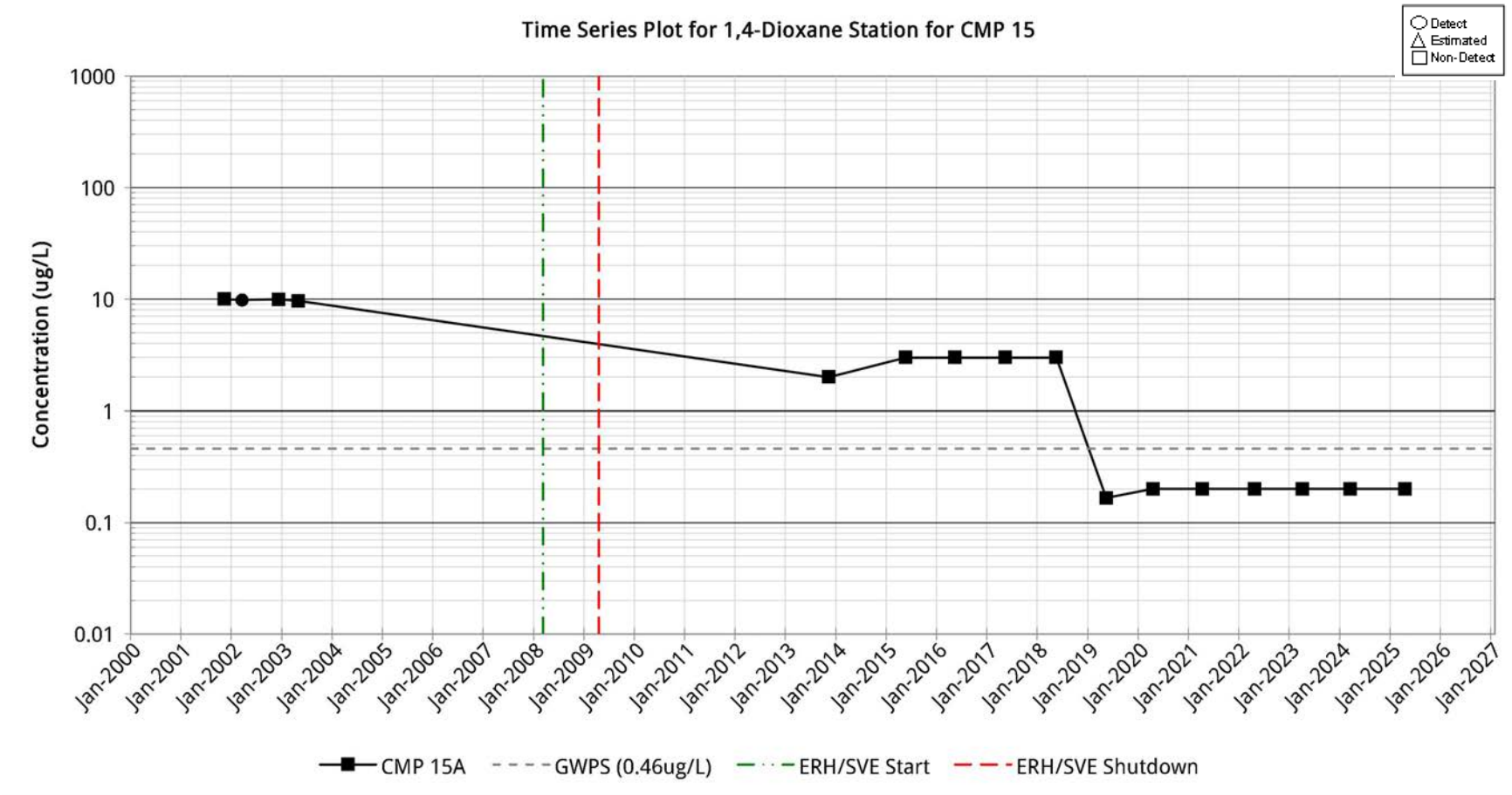

Time Series Plot for 1,4-Dioxane Station for CMP 8
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 8B
CMP 8
CMP 8A
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

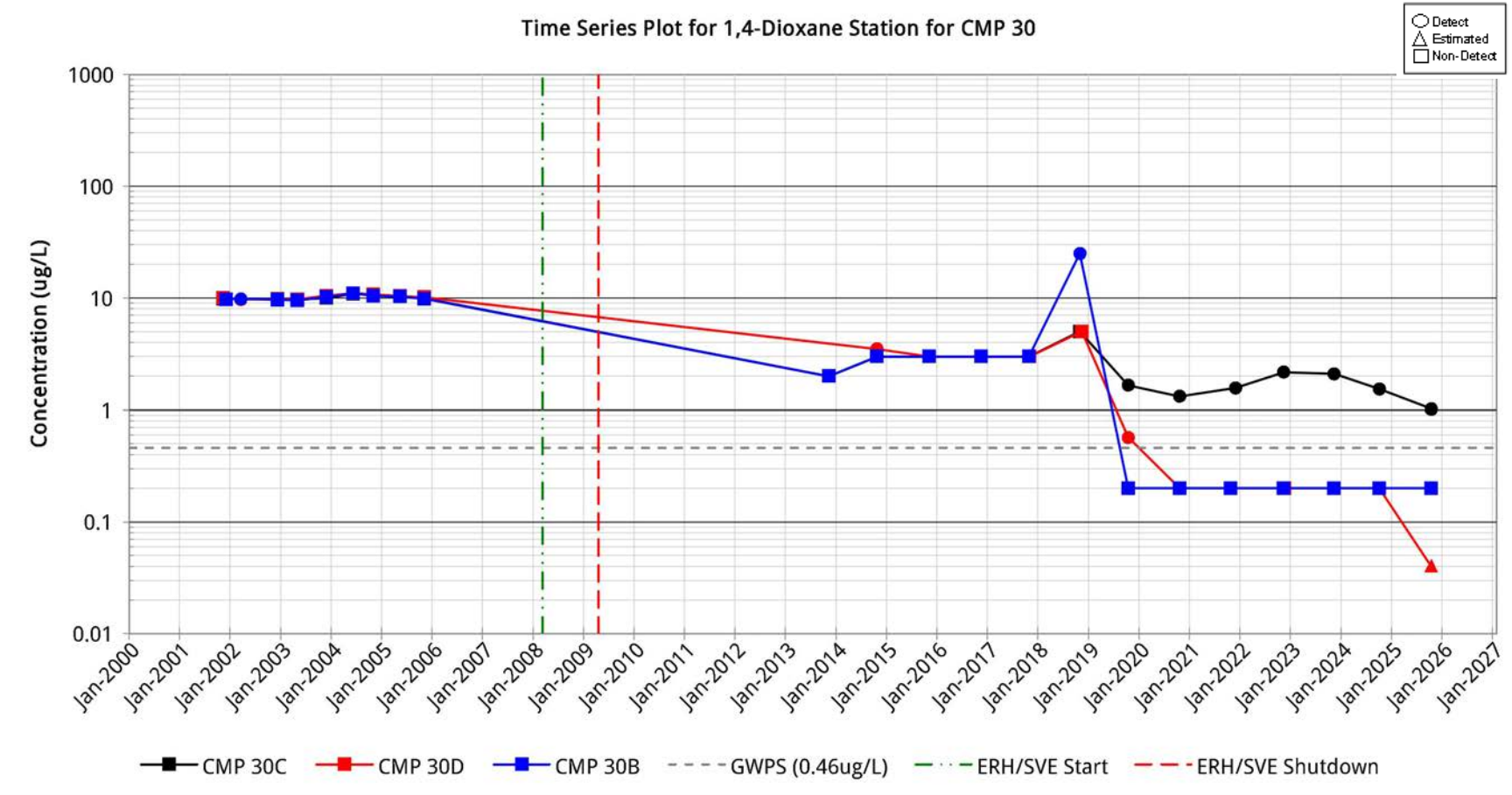

Time Series Plot for 1,4-Dioxane Station for CMP 10
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 10B
CMP 10C
CMP 10D
CMP010A
CMP010AR
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

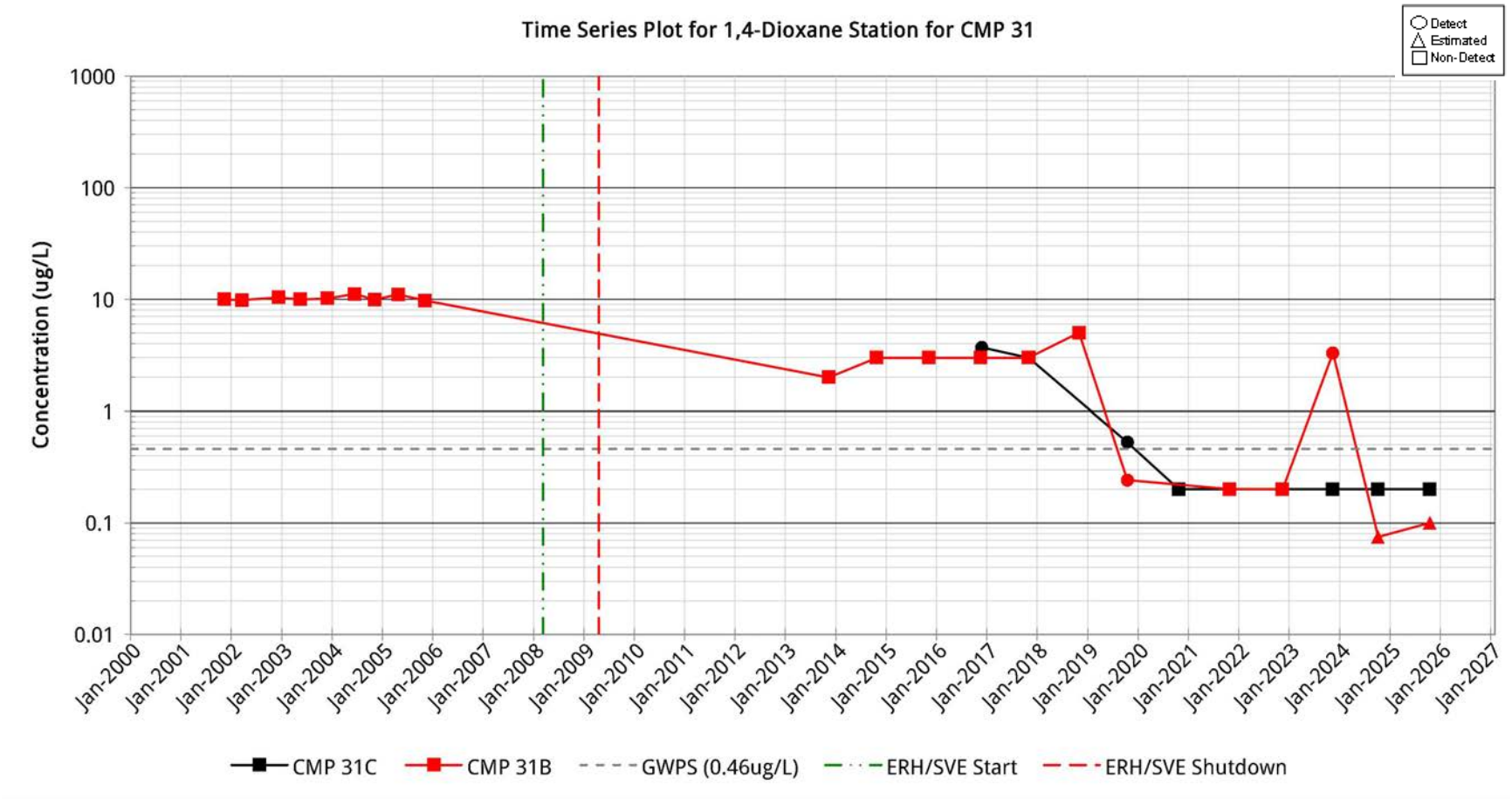

Time Series Plot for 1,4-Dioxane Station for CMP 11
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 11B
CMP011A
CMP 11D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

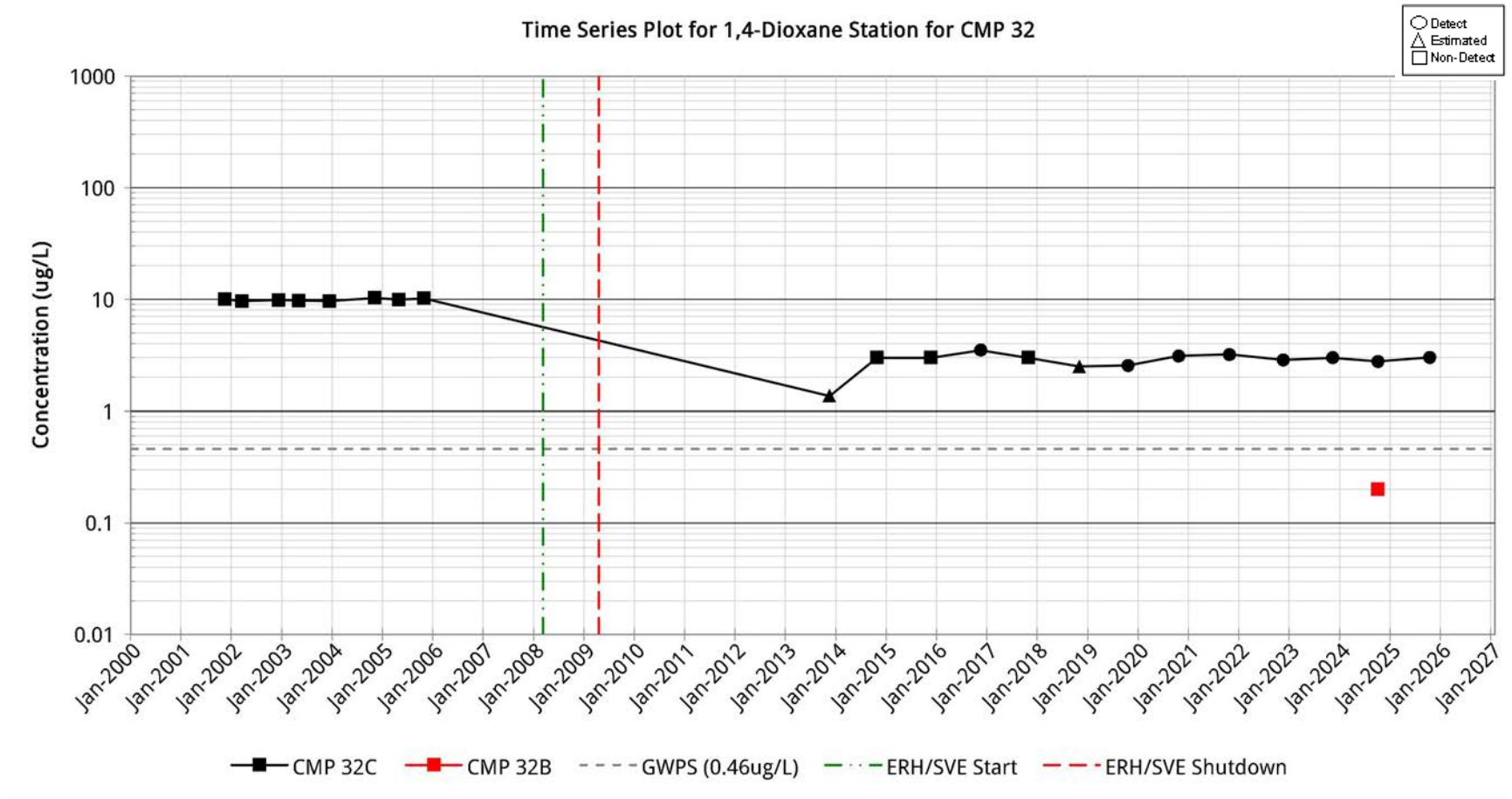

Time Series Plot for 1,4-Dioxane Station for CMP 12
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 12A
CMP 12B
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

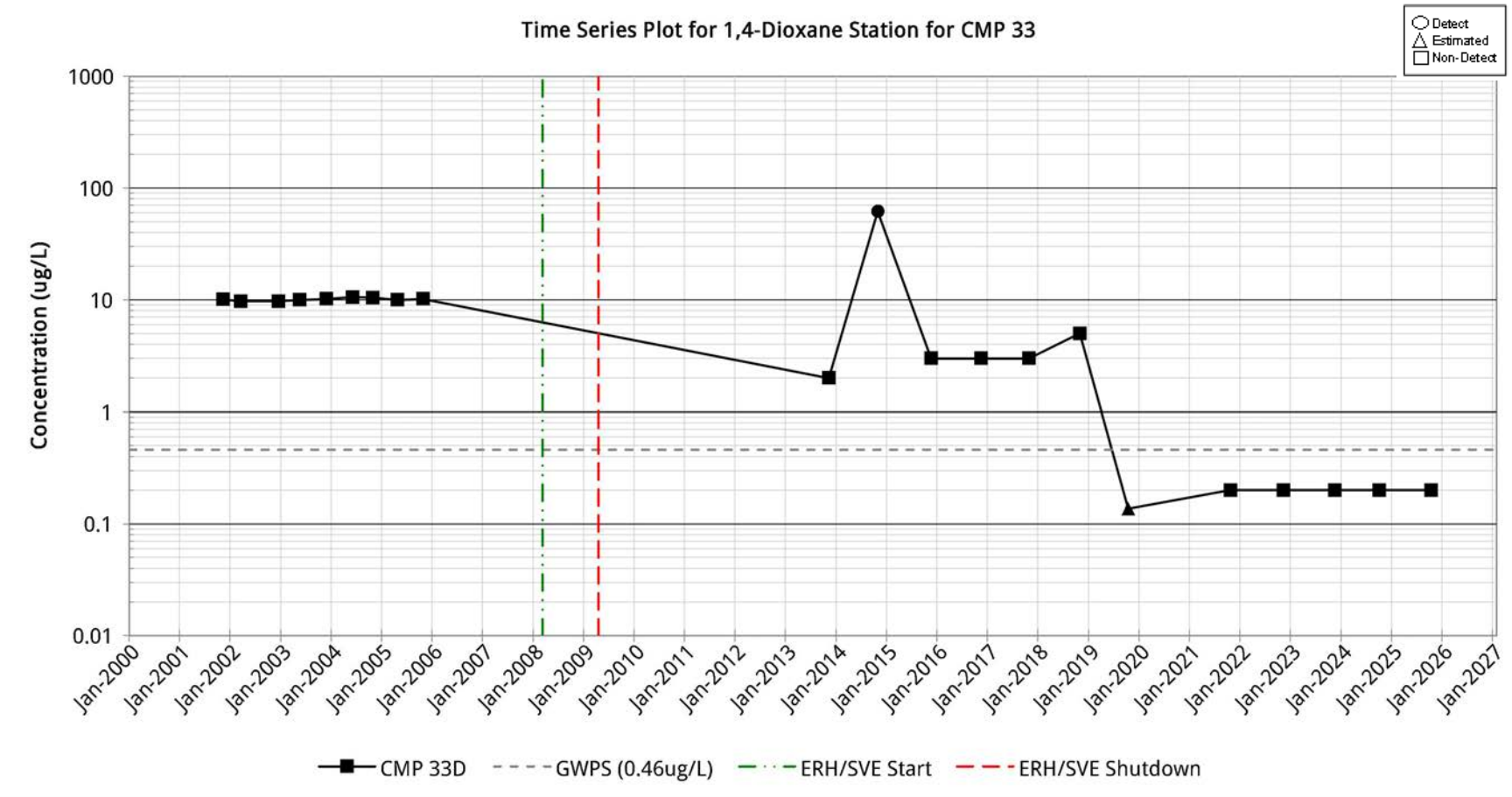

Time Series Plot for 1,4-Dioxane Station for CMP 13
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 13B
CMP 13D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

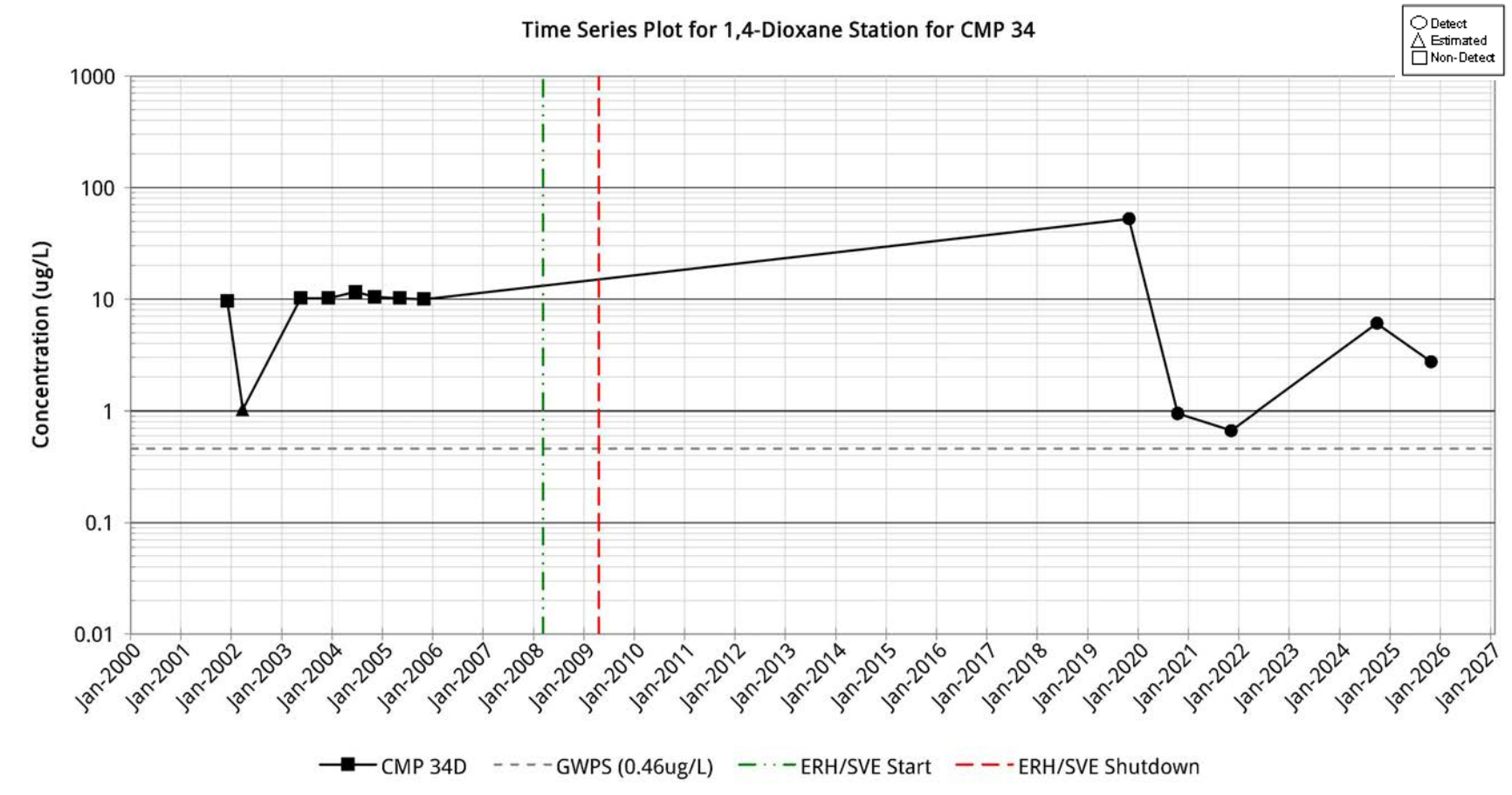

Time Series Plot for 1,4-Dioxane Station for CMP 15
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 15A
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

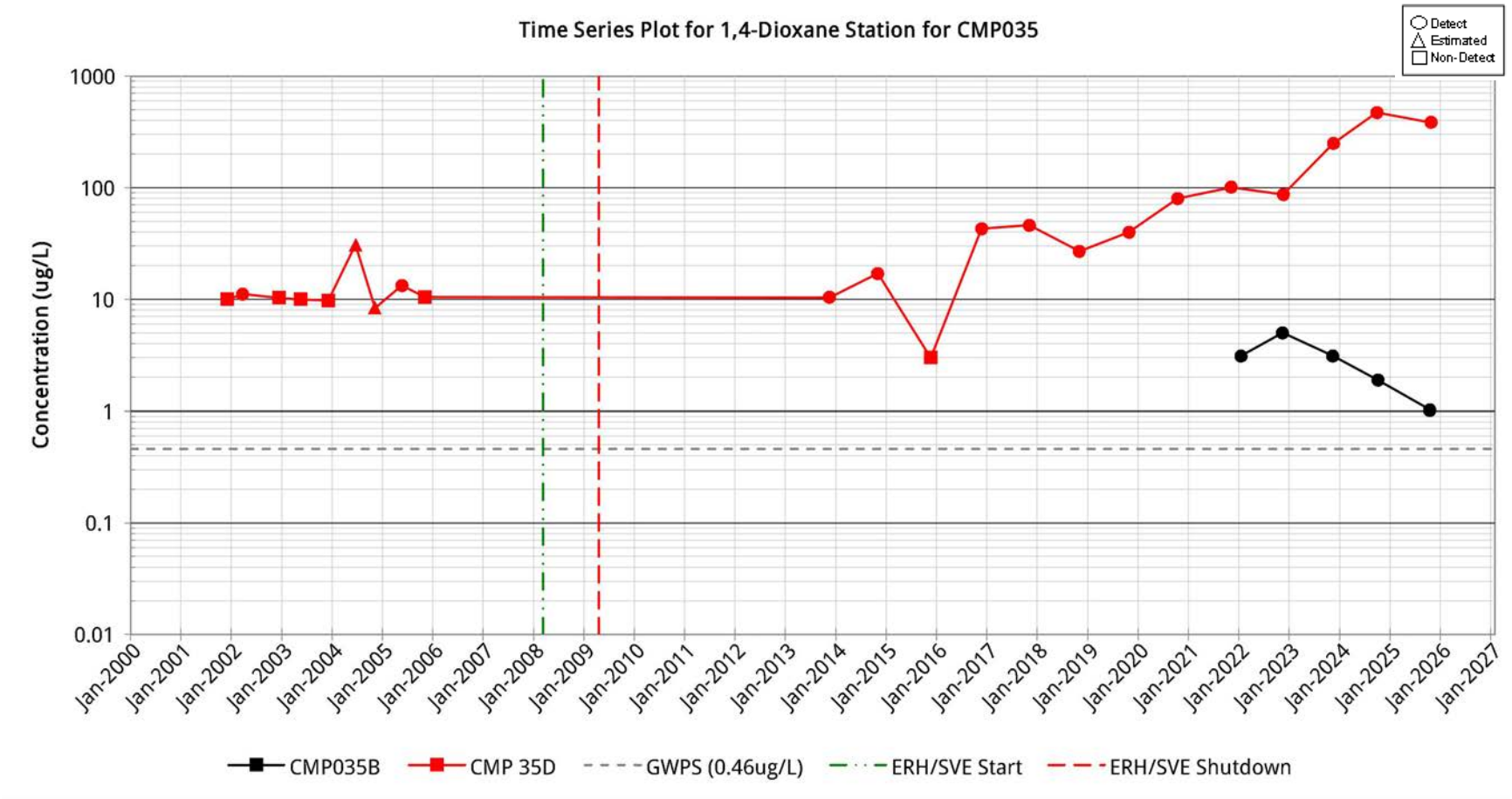

Time Series Plot for 1,4-Dioxane Station for CMP 30
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 30C
CMP 30D
CMP 30B
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

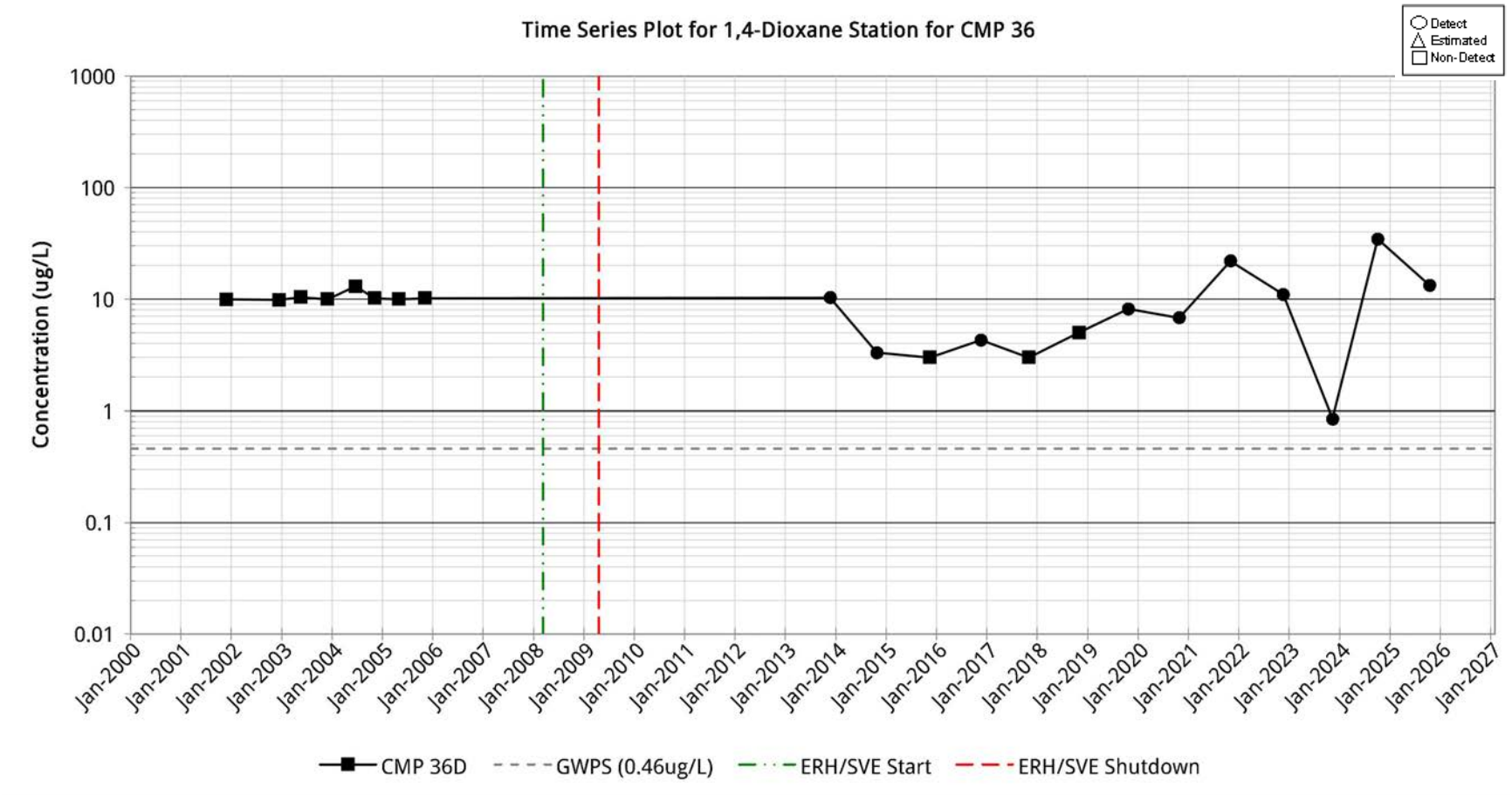

Time Series Plot for 1,4-Dioxane Station for CMP 31
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 31C
CMP 31B
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

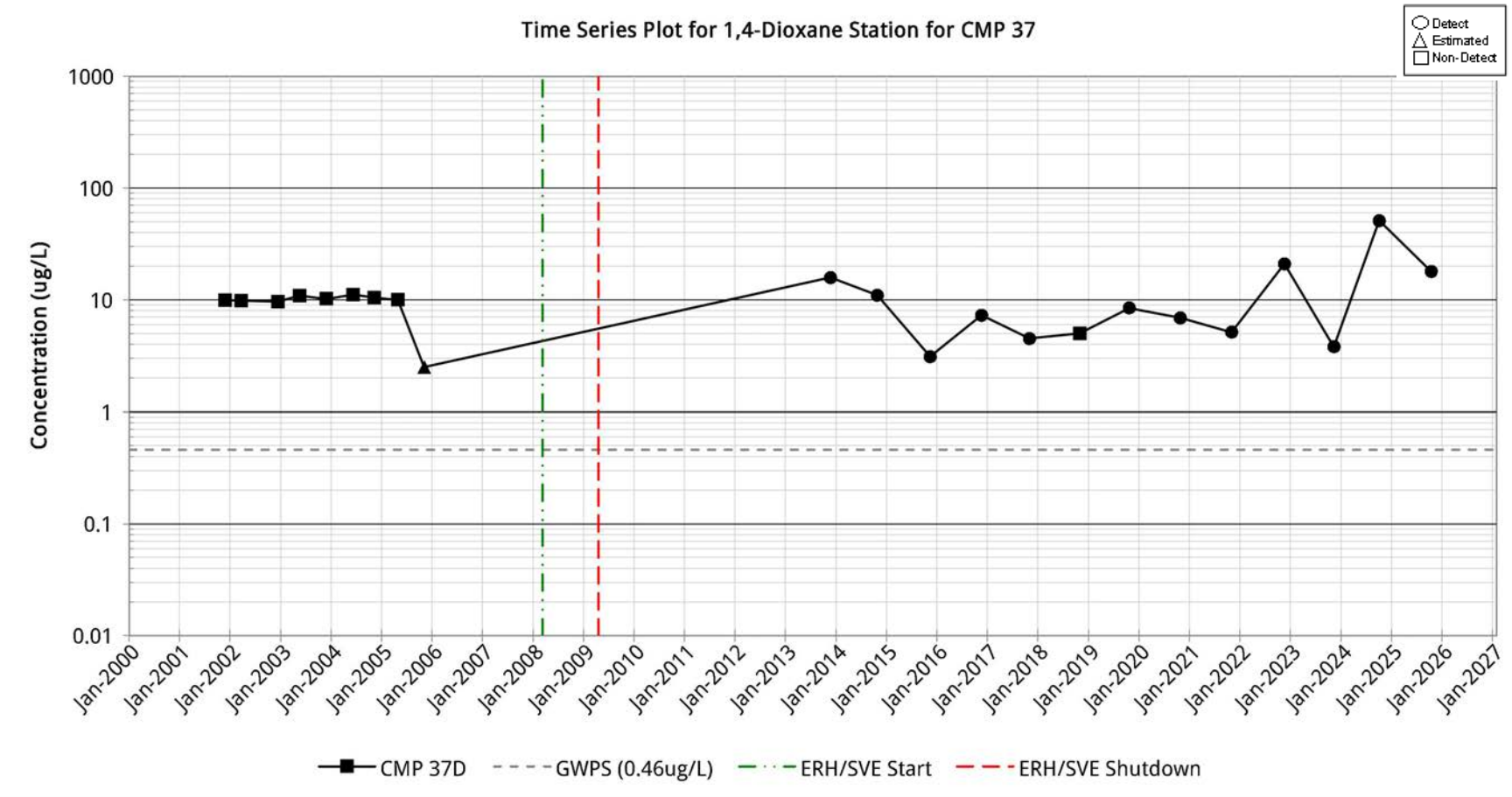

Time Series Plot for 1,4-Dioxane Station for CMP 32
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 32C
CMP 32B
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

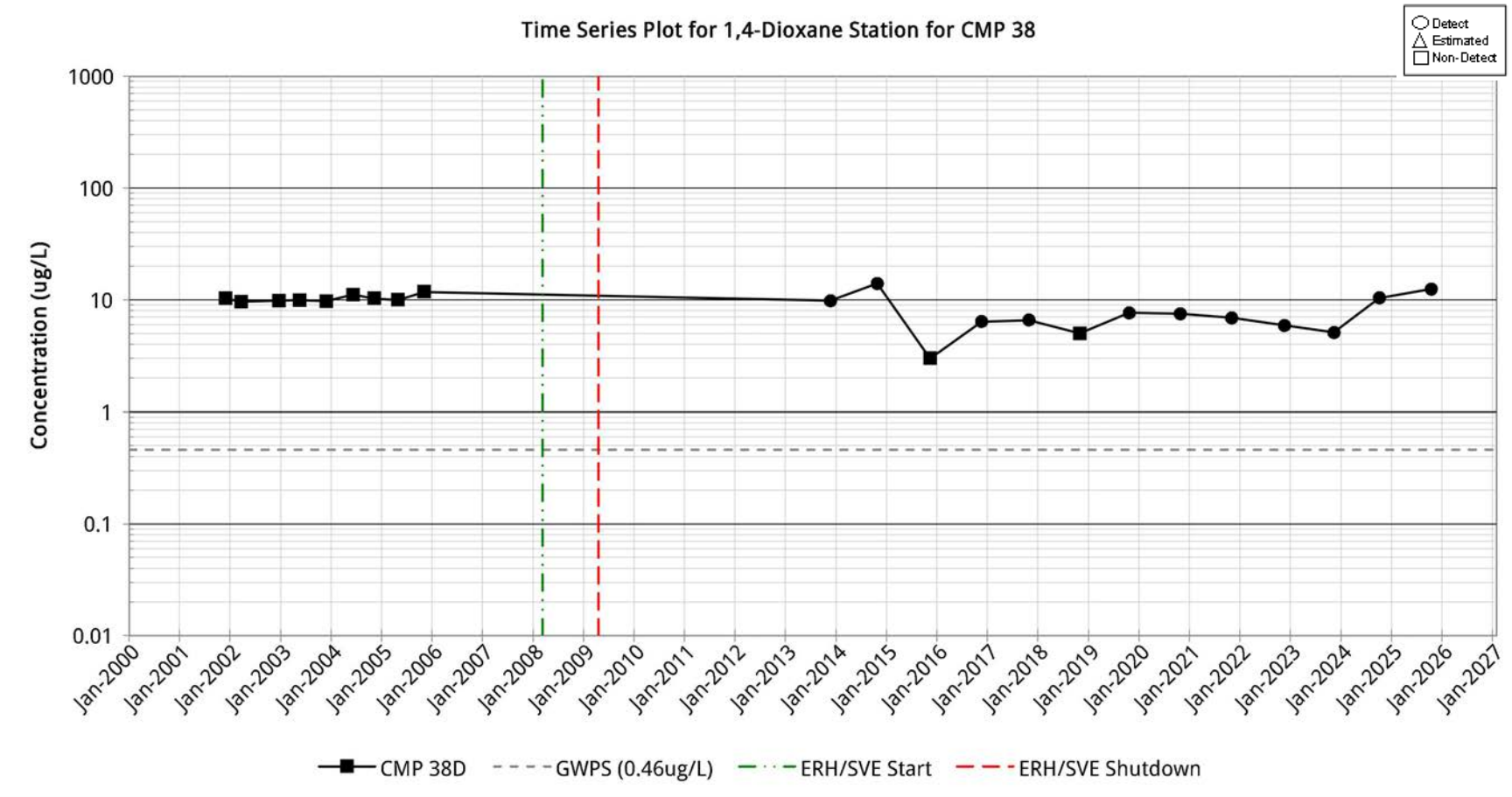

Time Series Plot for 1,4-Dioxane Station for CMP 33
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 33D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

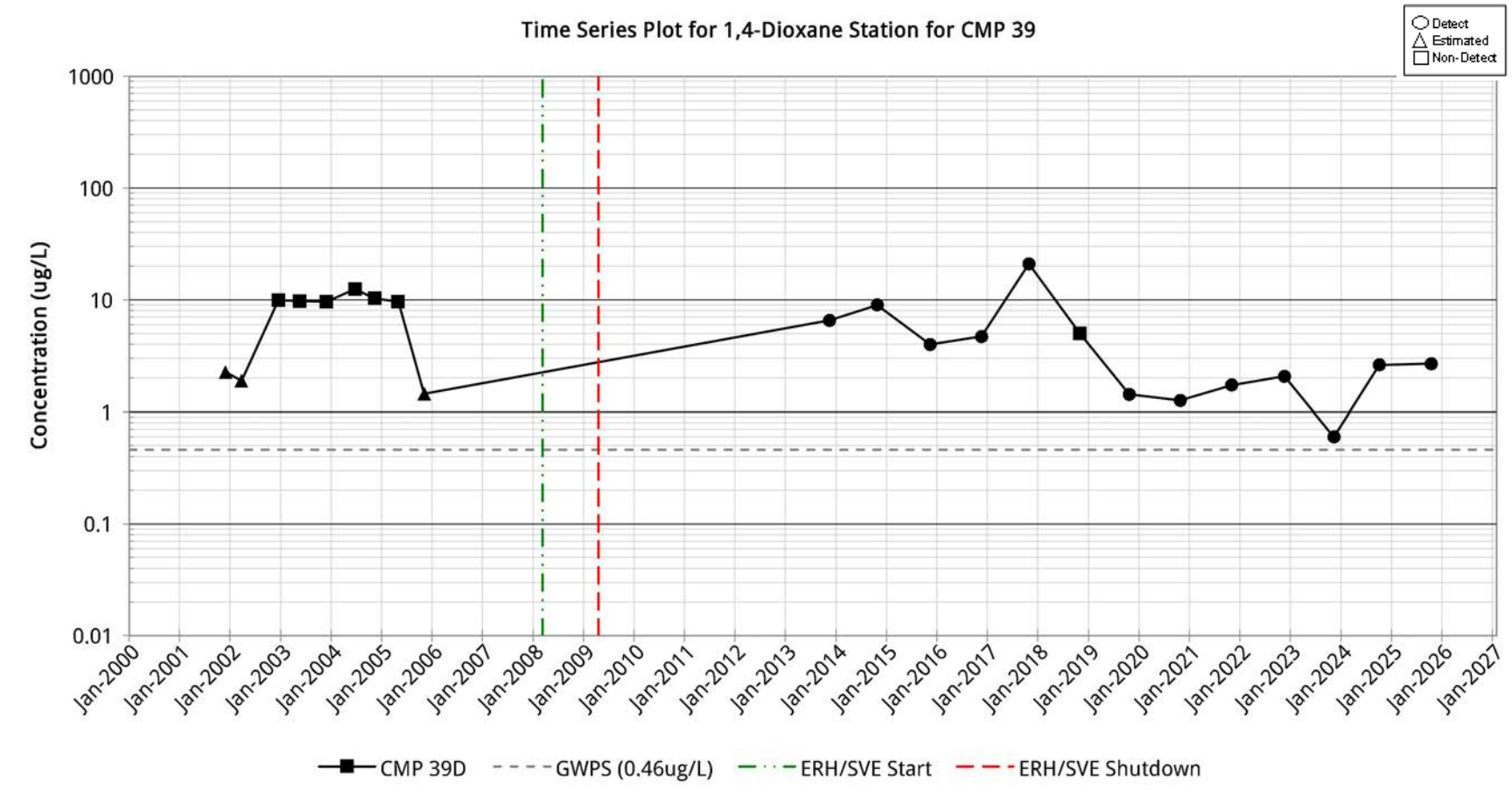

Time Series Plot for 1,4-Dioxane Station for CMP 34
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 34D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

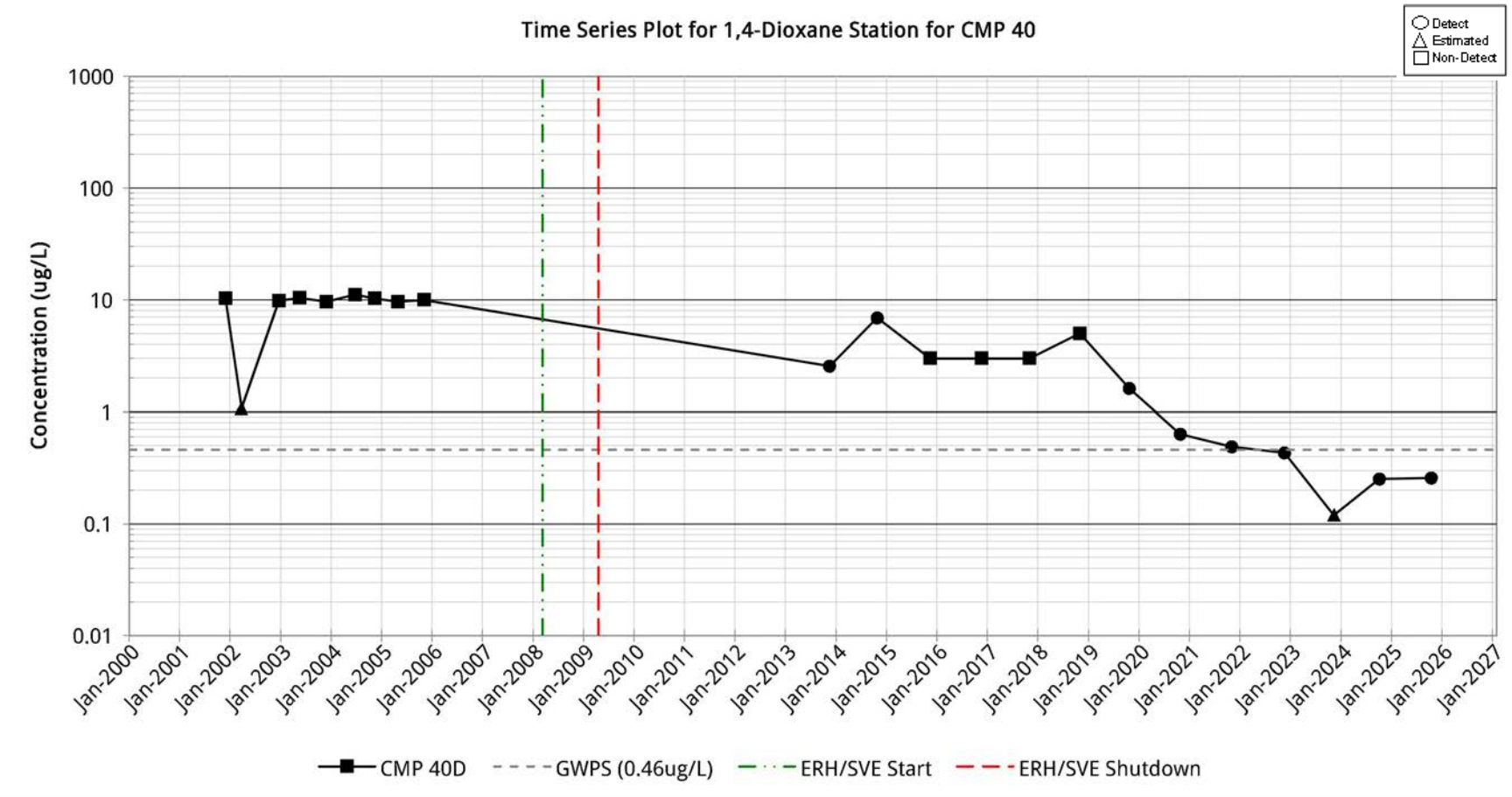

Time Series Plot for 1,4-Dioxane Station for CMP035
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP035B
CMP 35D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

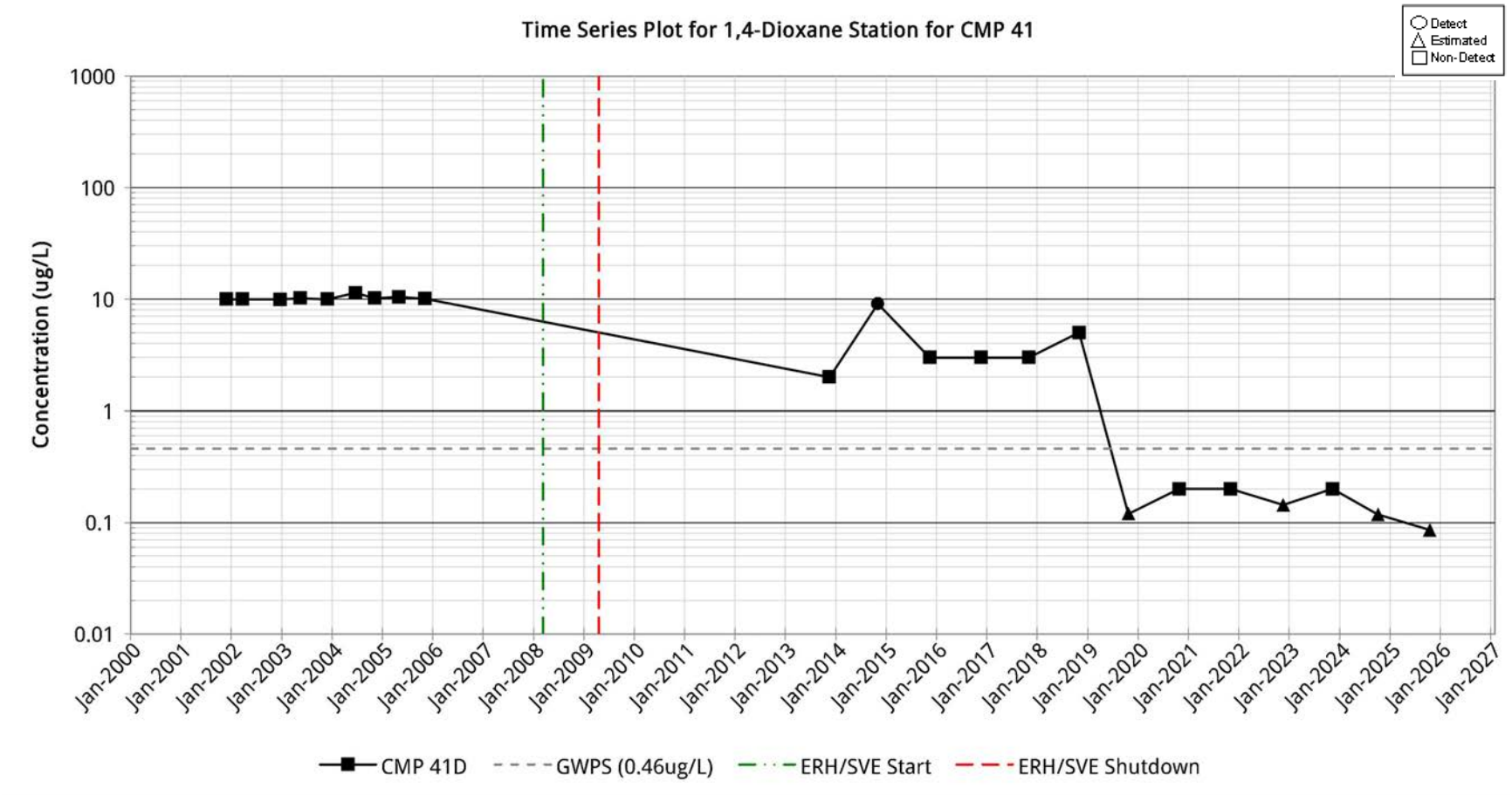

Time Series Plot for 1,4-Dioxane Station for CMP 36
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 36D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

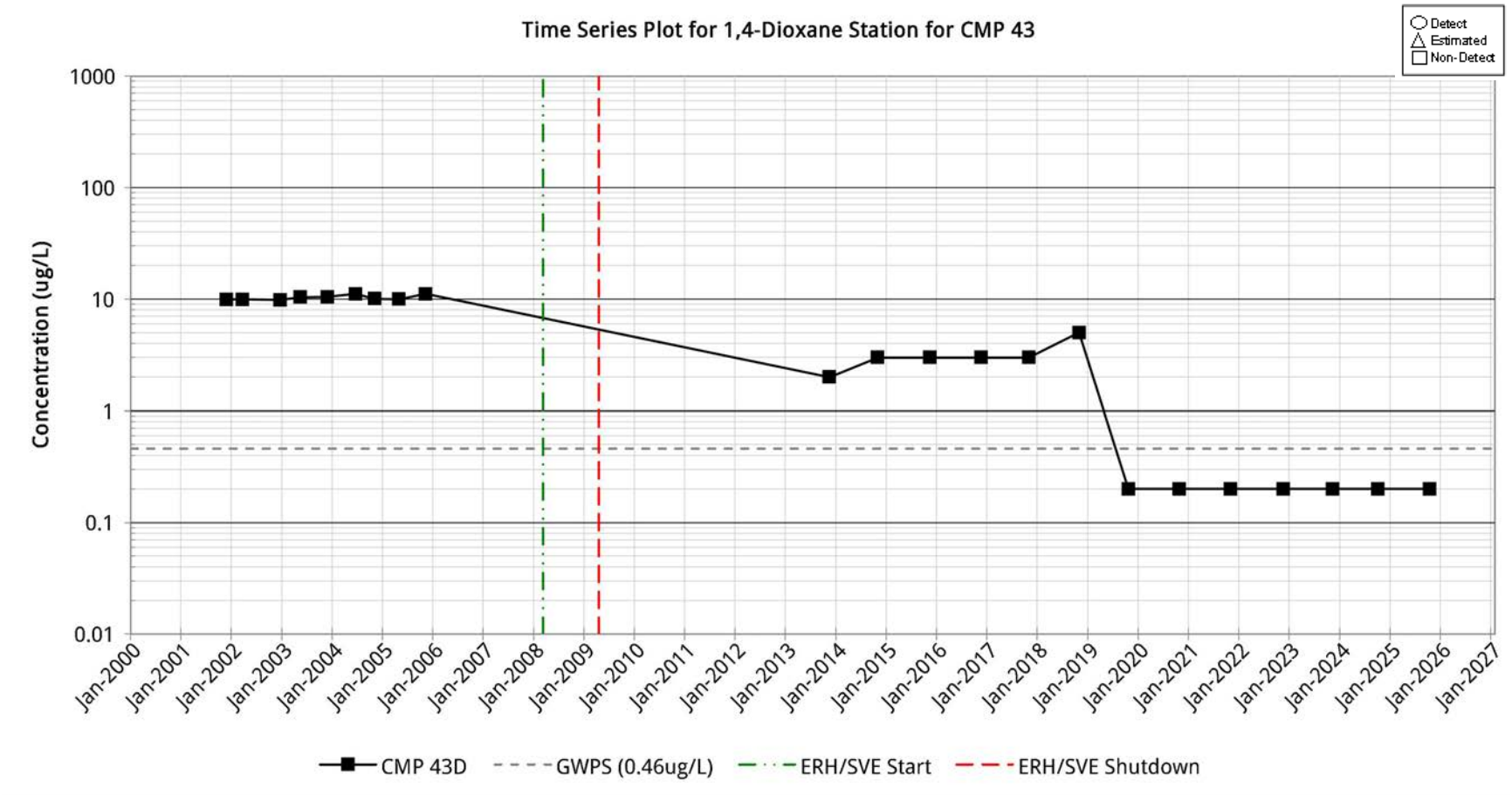

Time Series Plot for 1,4-Dioxane Station for CMP 37
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 37D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

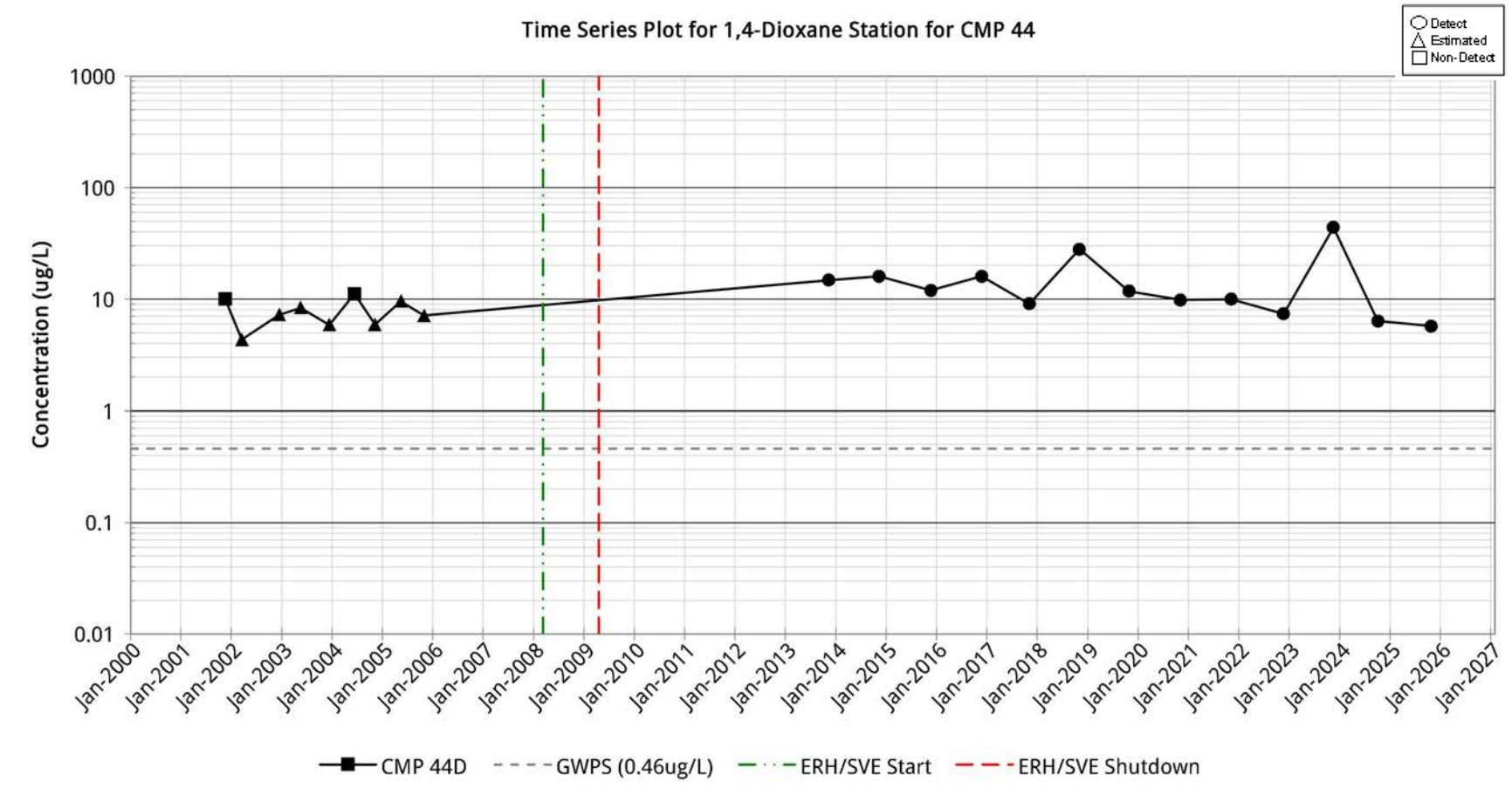

Time Series Plot for 1,4-Dioxane Station for CMP 38
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 38D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

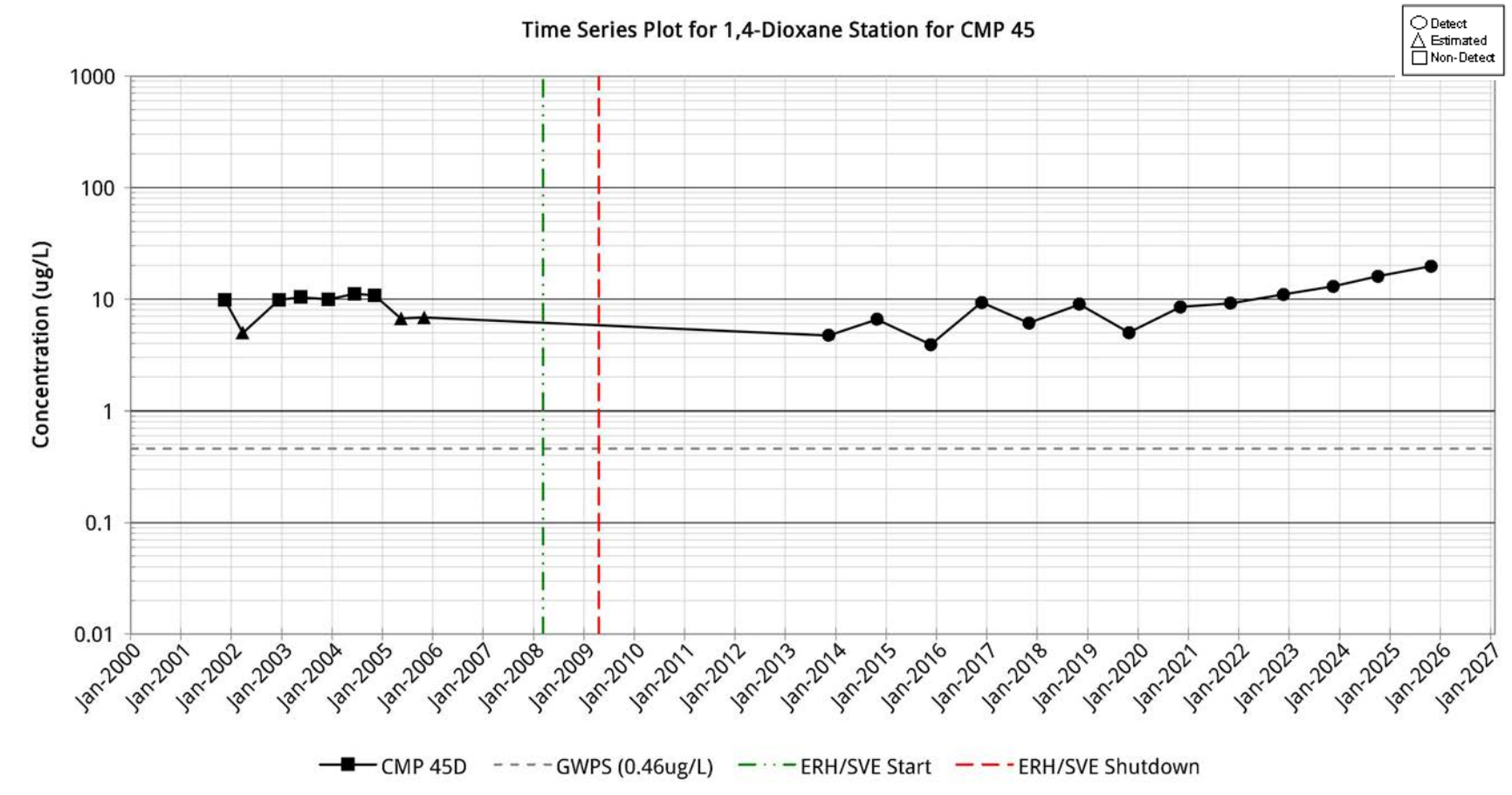

Time Series Plot for 1,4-Dioxane Station for CMP 39
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 39D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

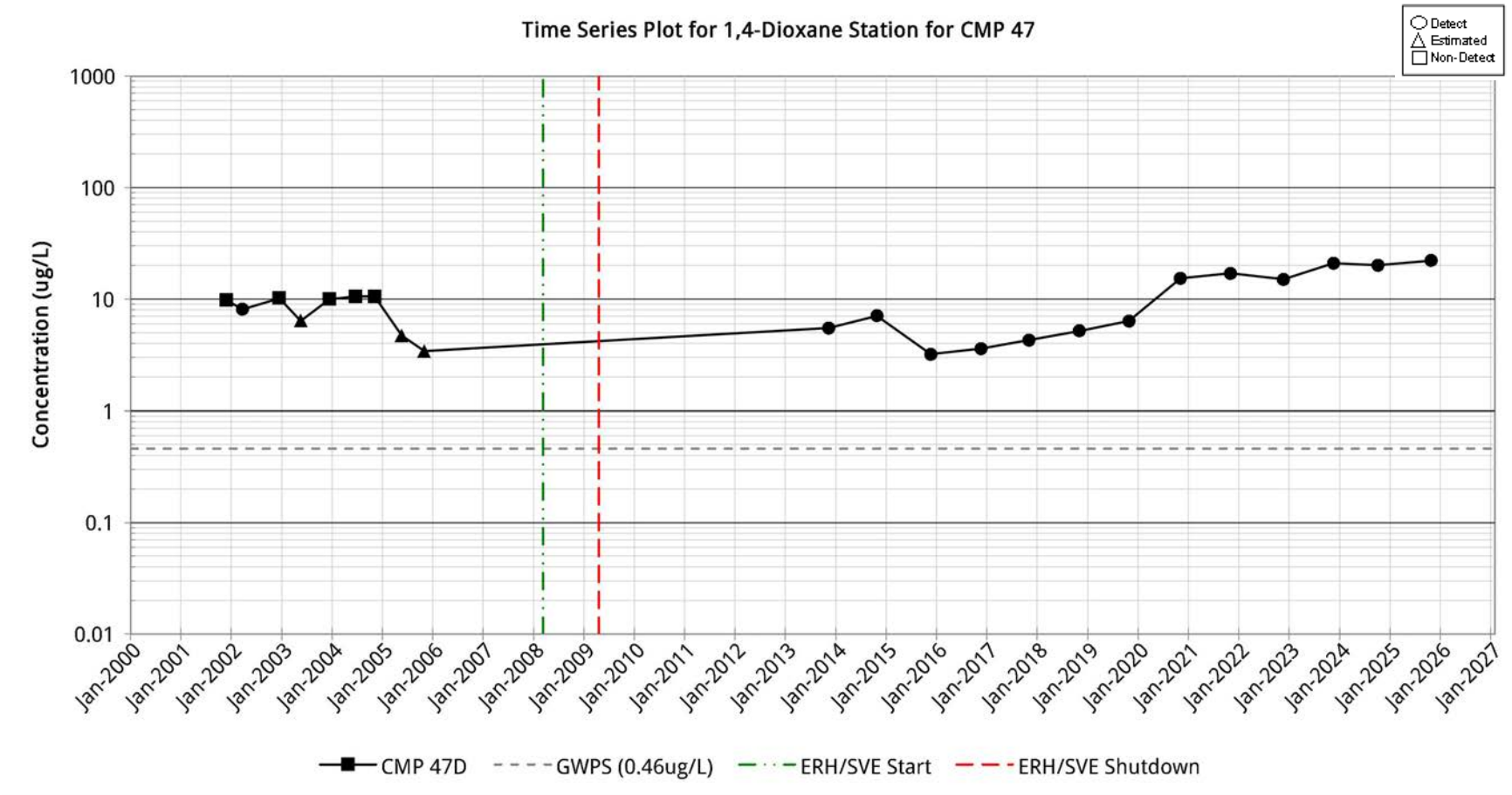

Time Series Plot for 1,4-Dioxane Station for CMP 40
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 40D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

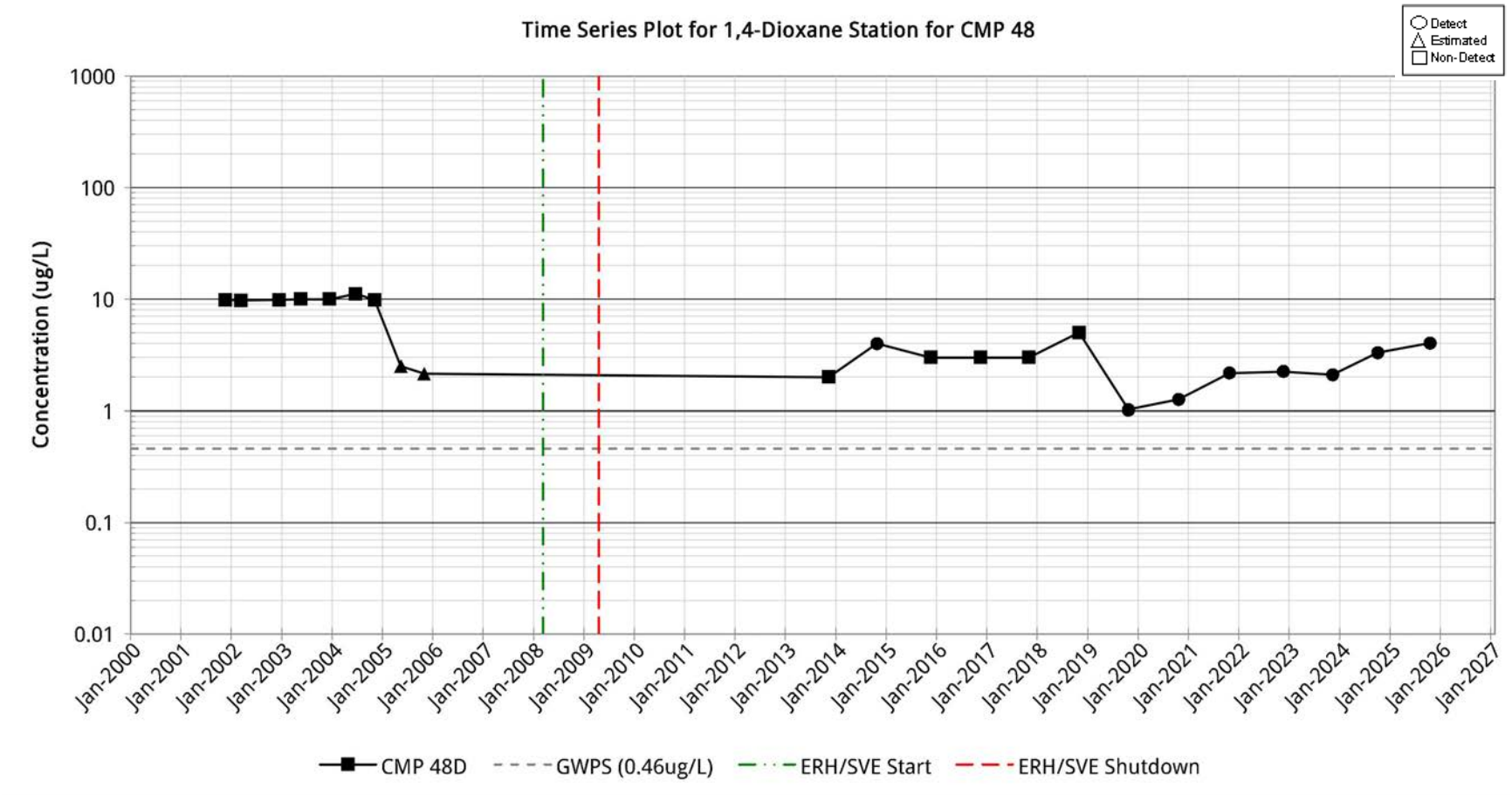

Time Series Plot for 1,4-Dioxane Station for CMP 41
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 41D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

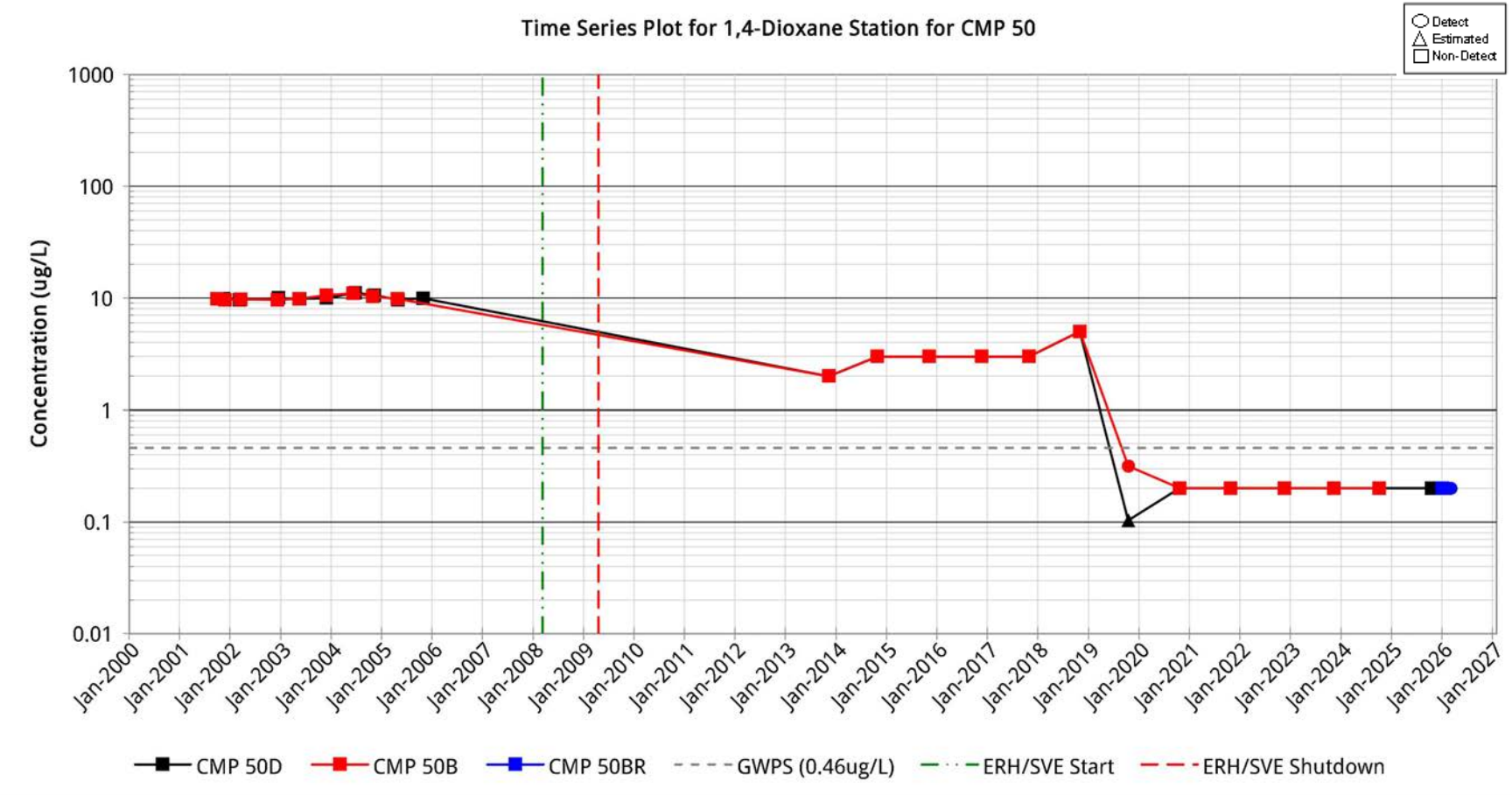

Time Series Plot for 1,4-Dioxane Station for CMP 43
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 43D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

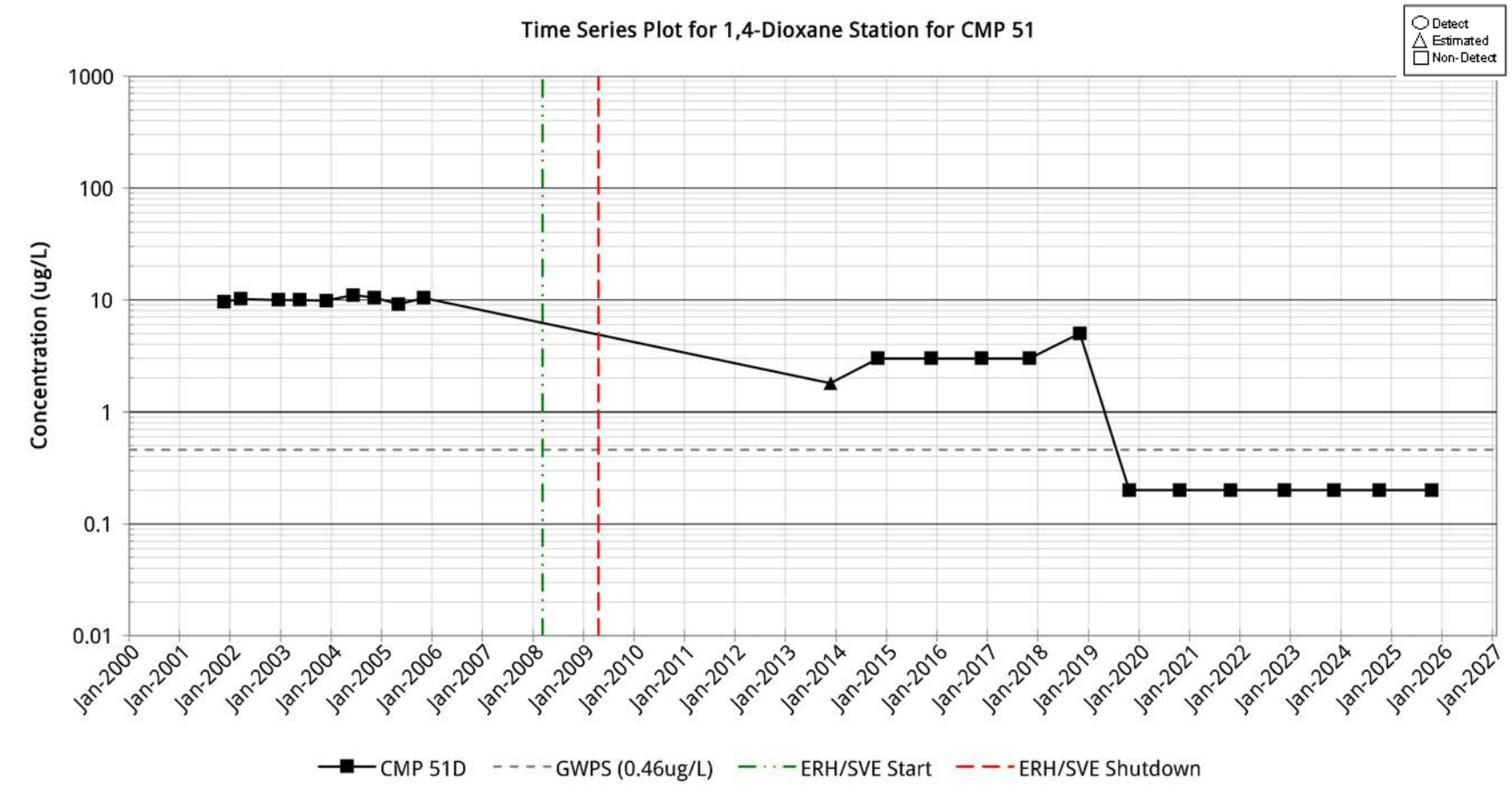

Time Series Plot for 1,4-Dioxane Station for CMP 44
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 44D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

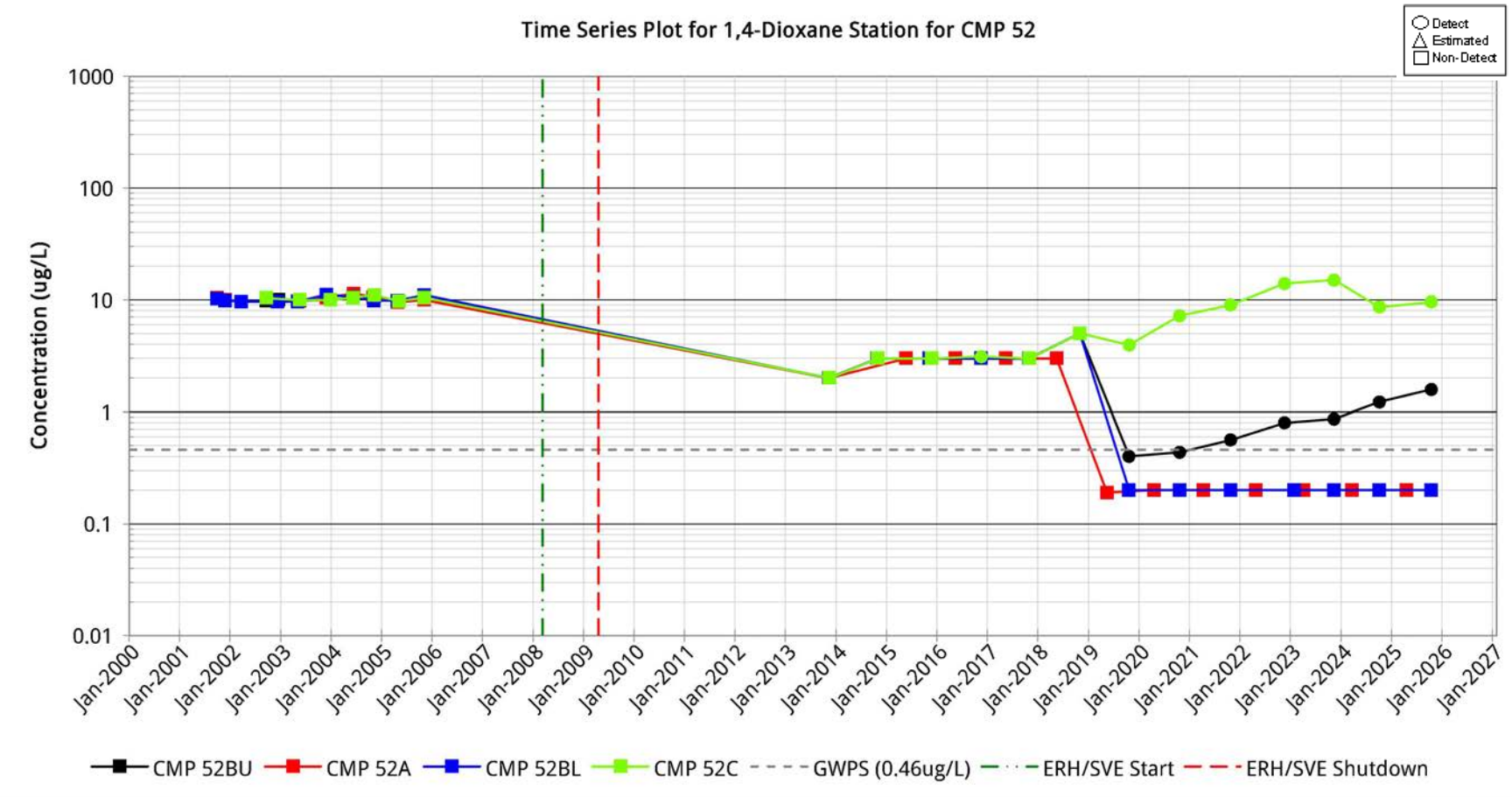

Time Series Plot for 1,4-Dioxane Station for CMP 45
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 45D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

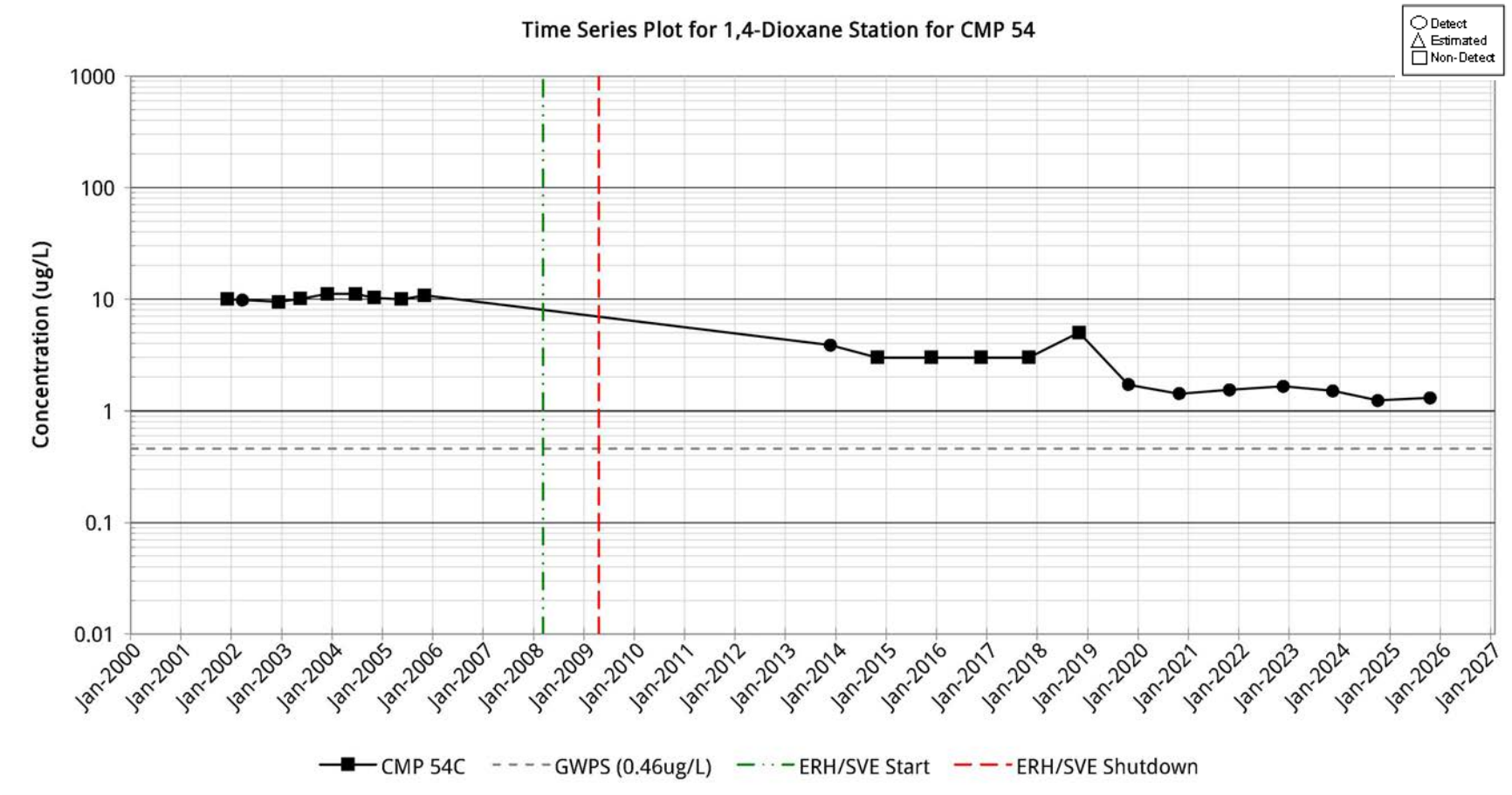

Time Series Plot for 1,4-Dioxane Station for CMP 47
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 47D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

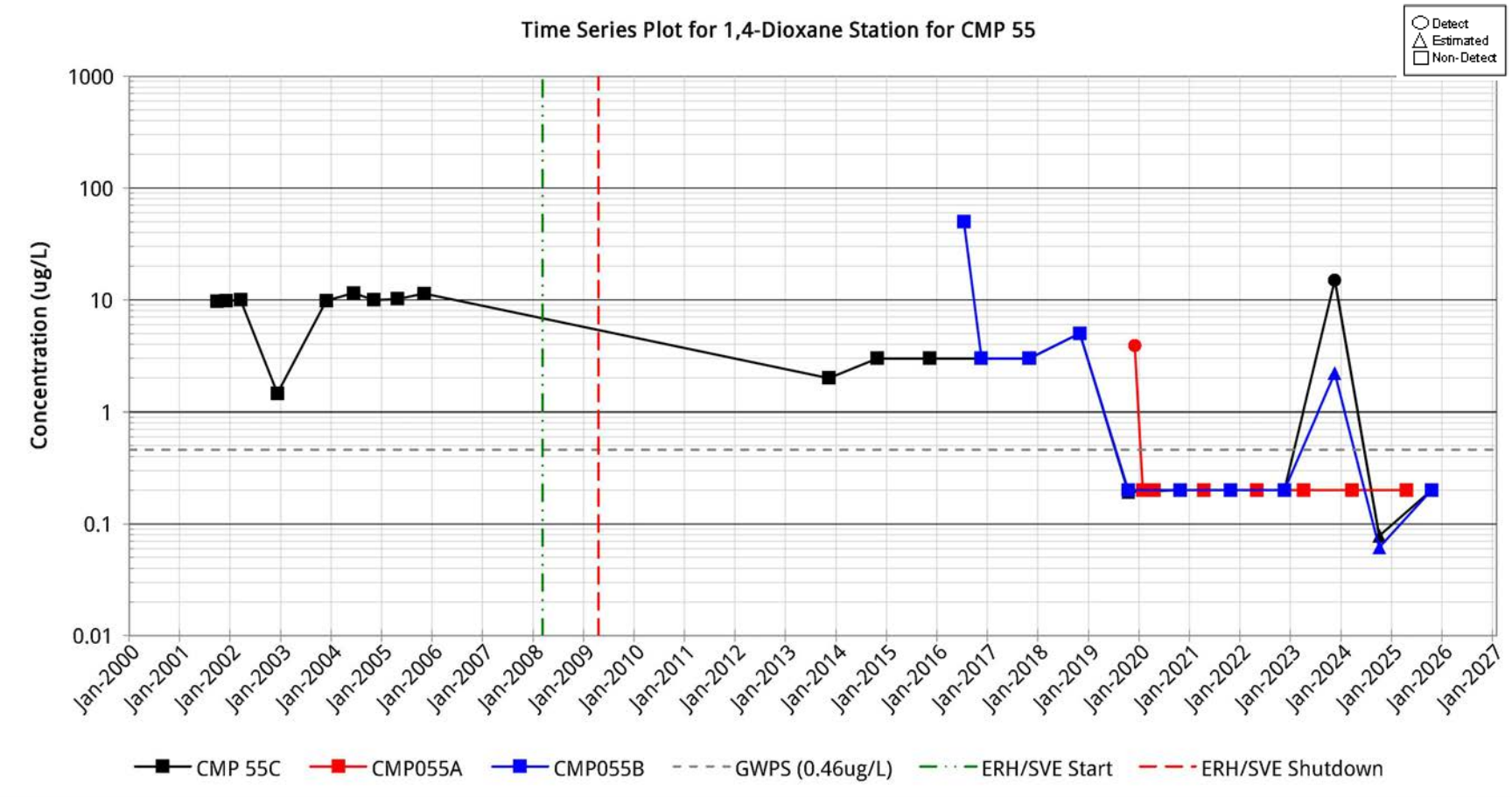

Time Series Plot for 1,4-Dioxane Station for CMP 48
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 48D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

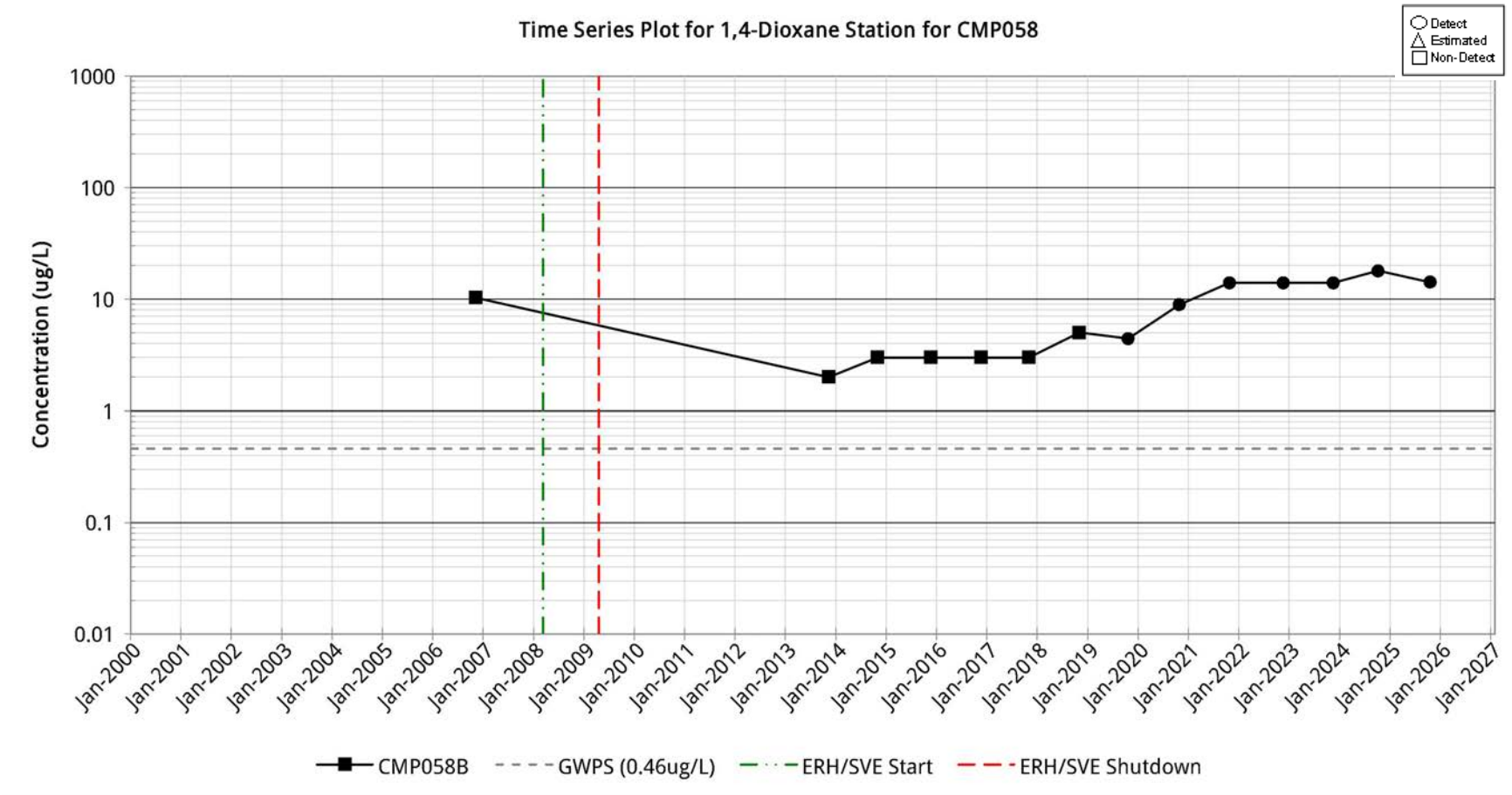

Time Series Plot for 1,4-Dioxane Station for CMP 50
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 50D
CMP 50B
CMP 50BR
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

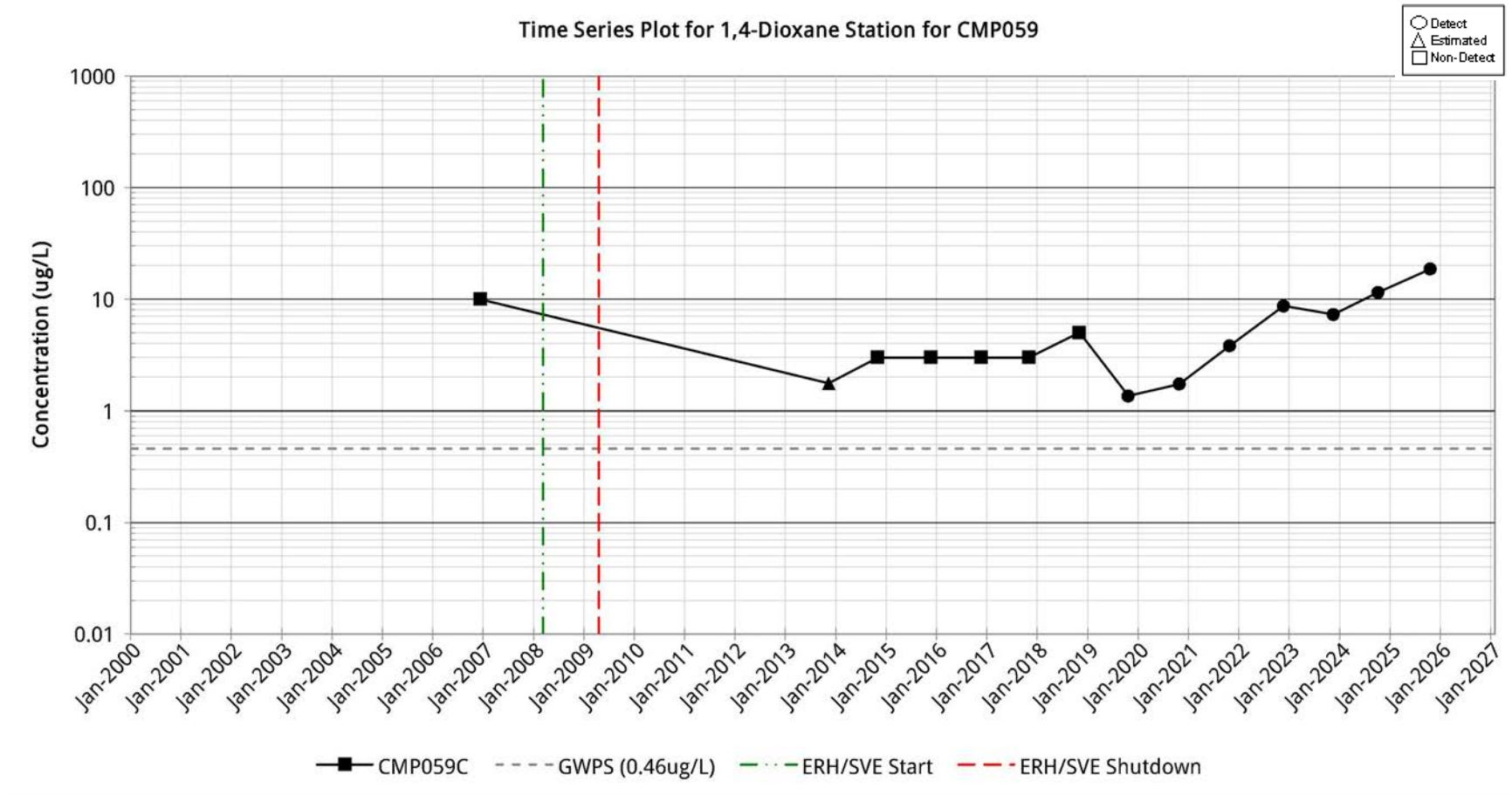

Time Series Plot for 1,4-Dioxane Station for CMP 51
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 51D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

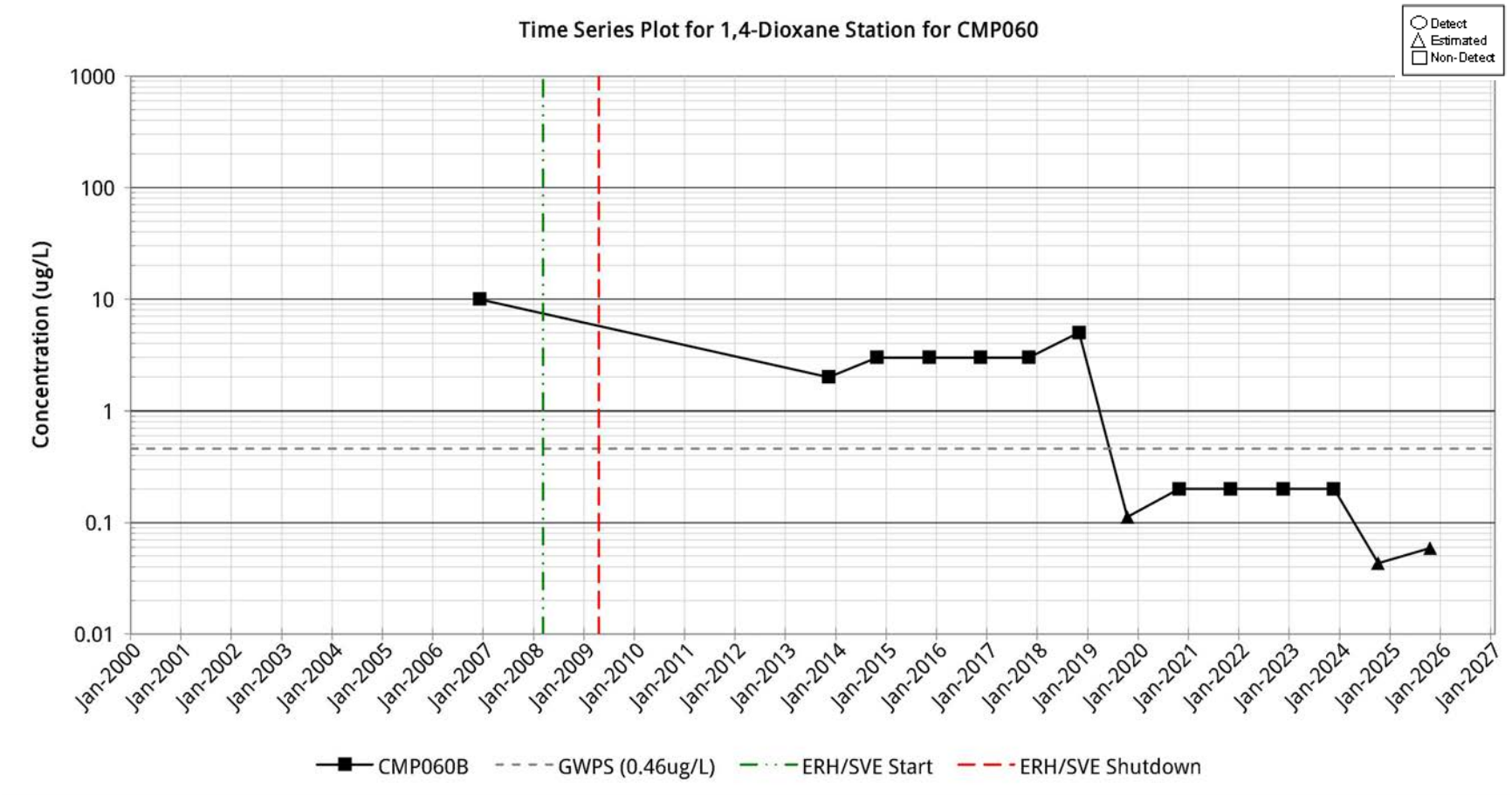

Time Series Plot for 1,4-Dioxane Station for CMP 52
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 52BU
CMP 52A
CMP 52BL
CMP 52C
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

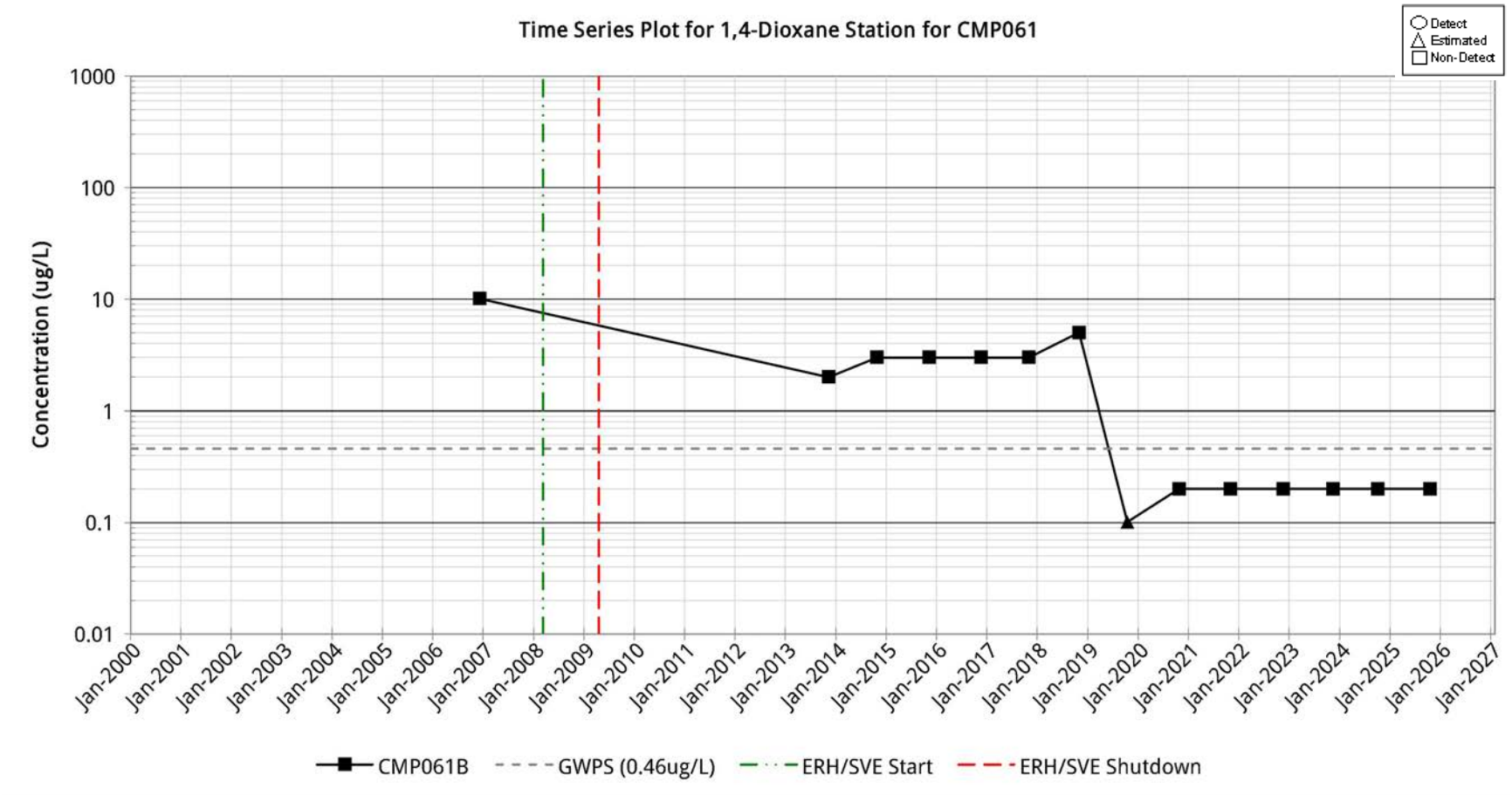

Time Series Plot for 1,4-Dioxane Station for CMP 54
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 54C
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

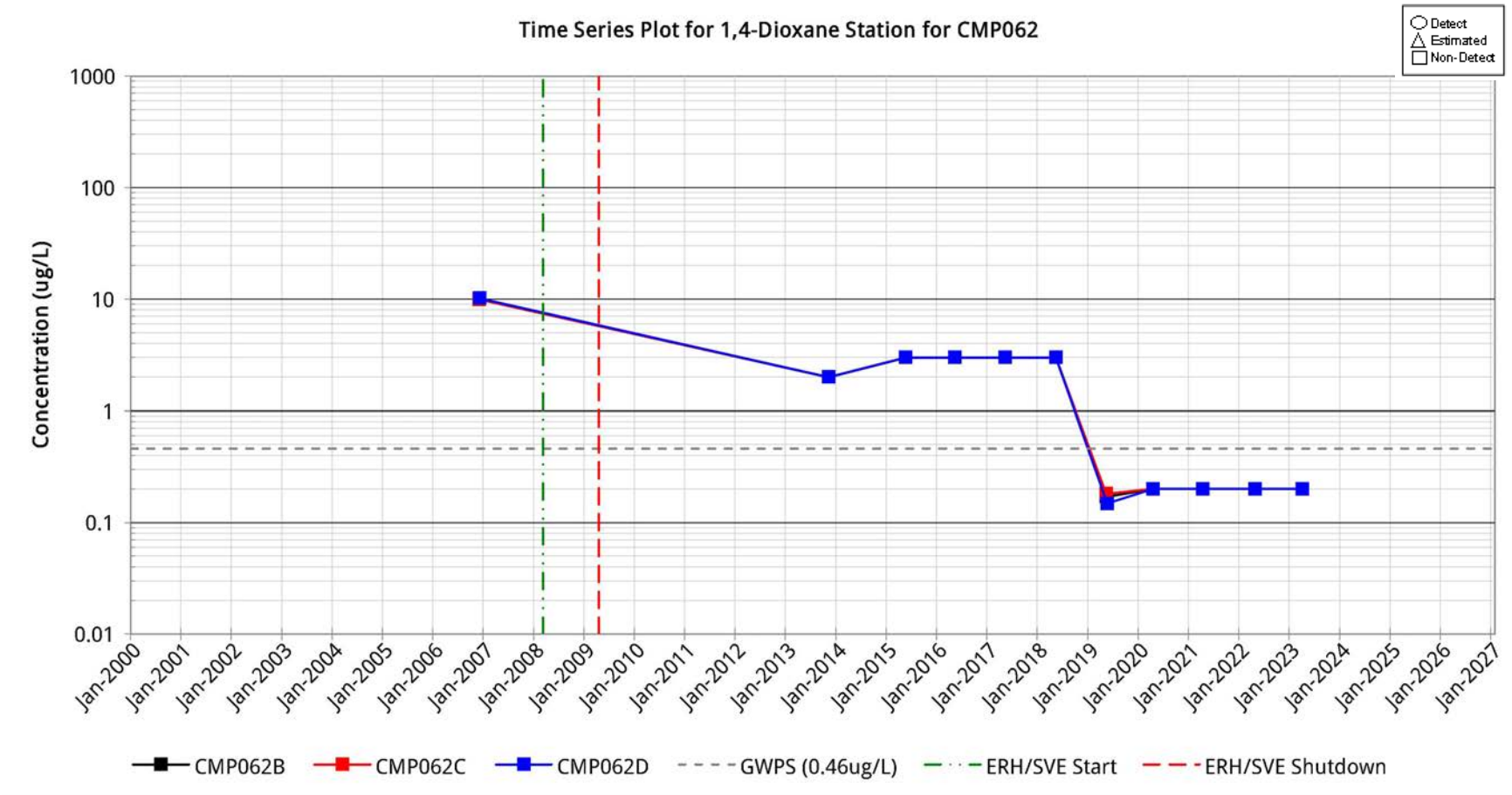

Time Series Plot for 1,4-Dioxane Station for CMP 55
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 55C
CMP055A
CMP055B
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

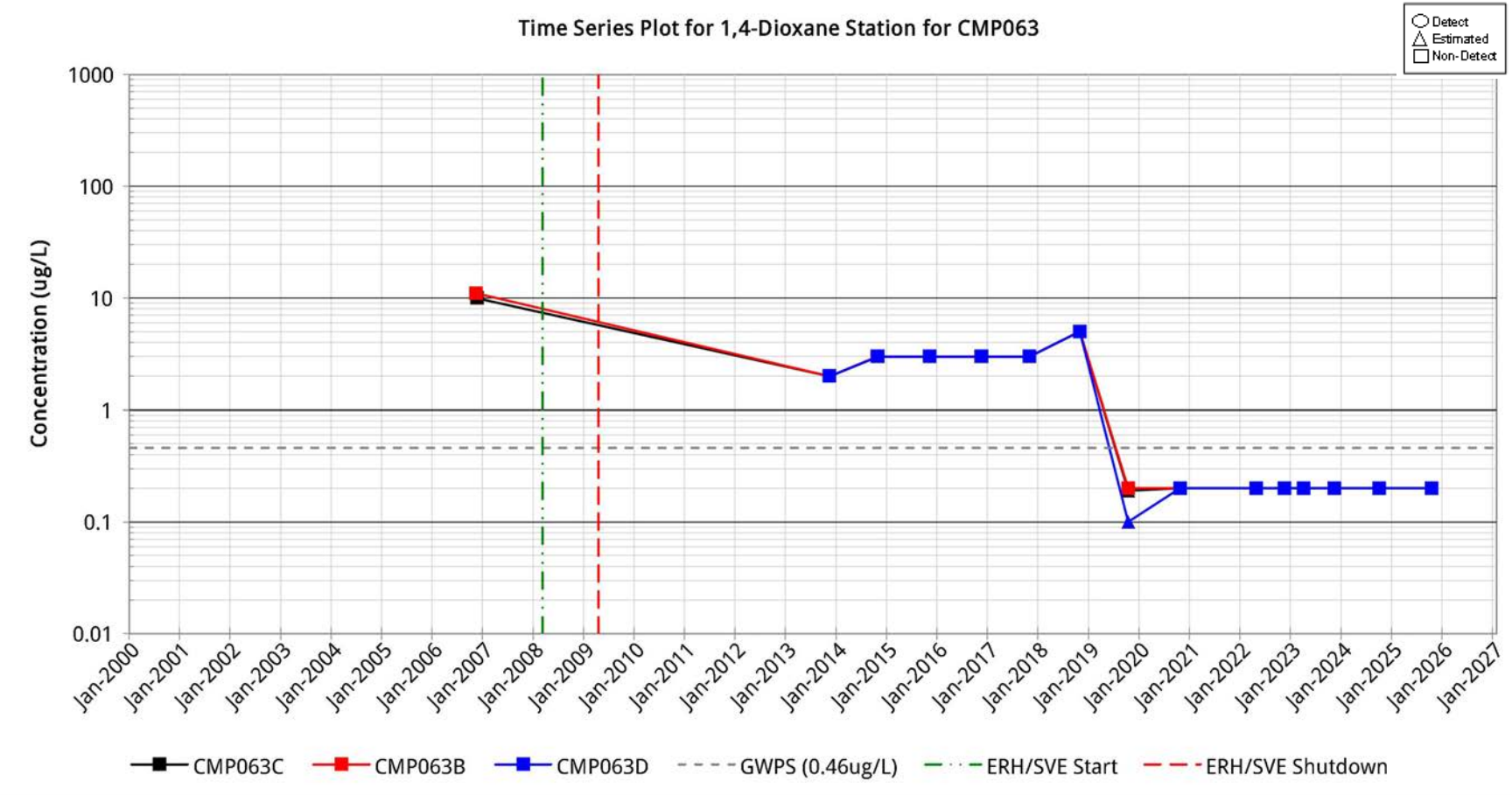

Time Series Plot for 1,4-Dioxane Station for CMP058
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP058B
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

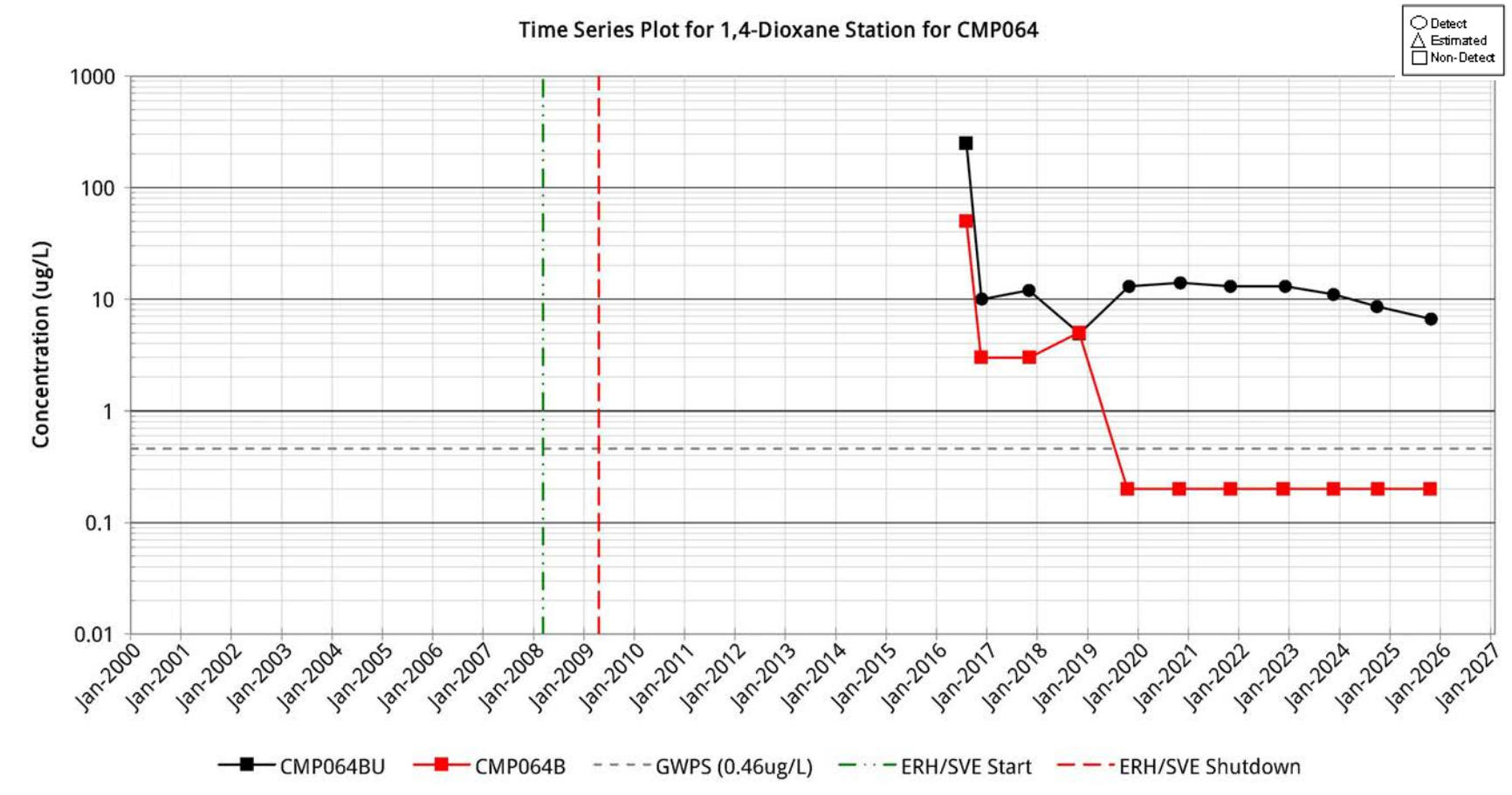

Time Series Plot for 1,4-Dioxane Station for CMP059
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP059C
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

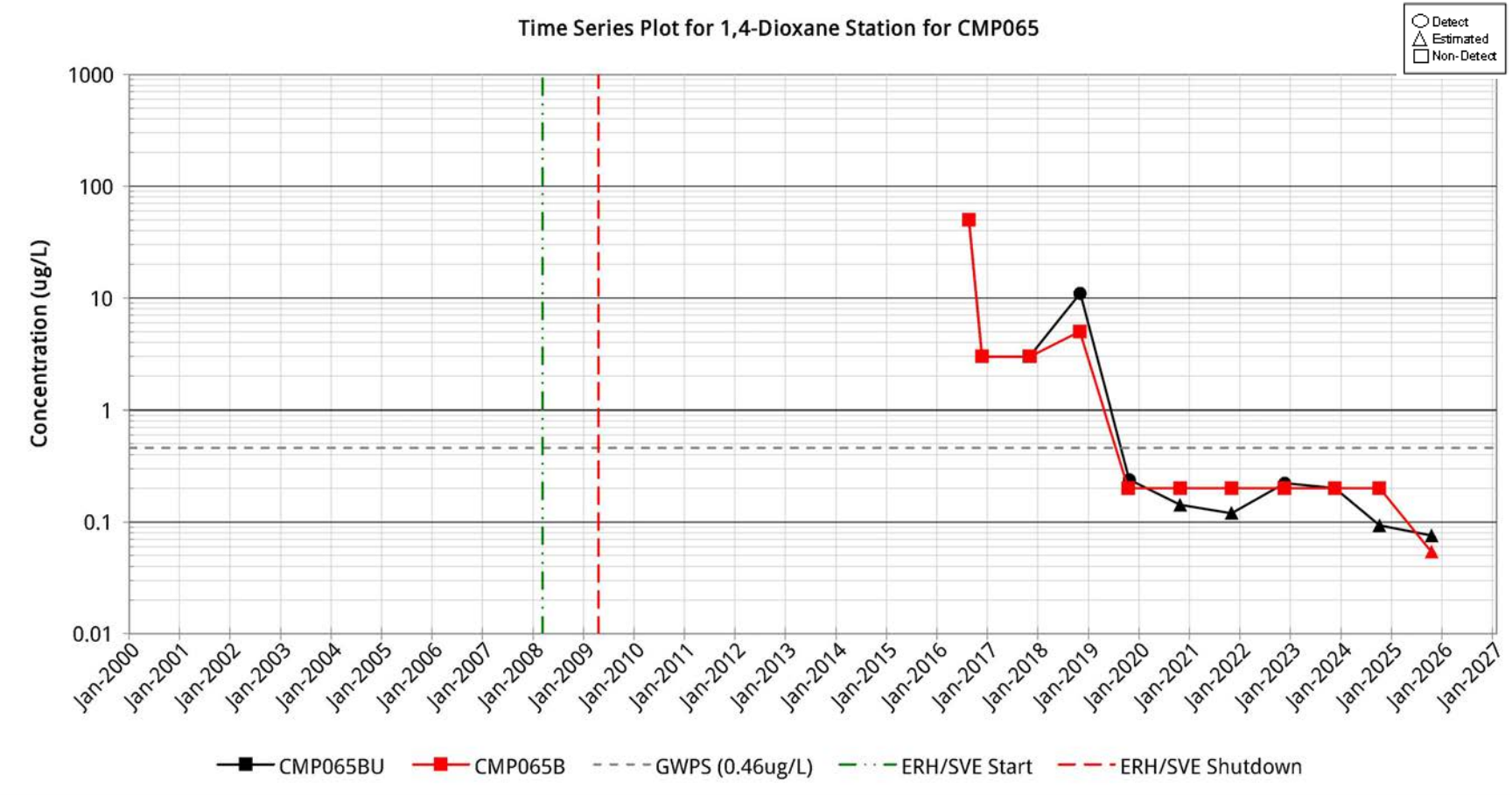

Time Series Plot for 1,4-Dioxane Station for CMP060
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP060B
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

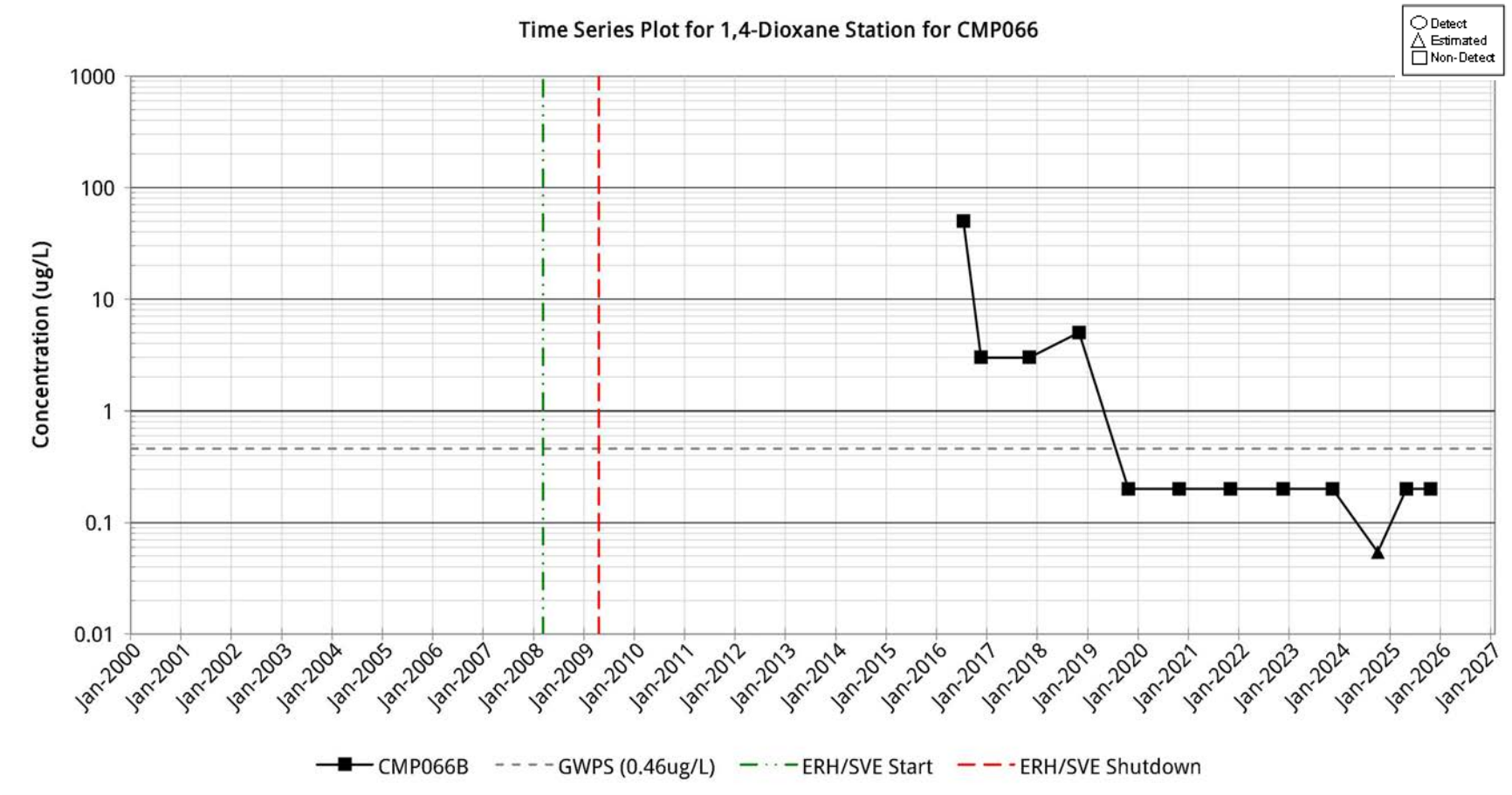

Time Series Plot for 1,4-Dioxane Station for CMP061
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP061B
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

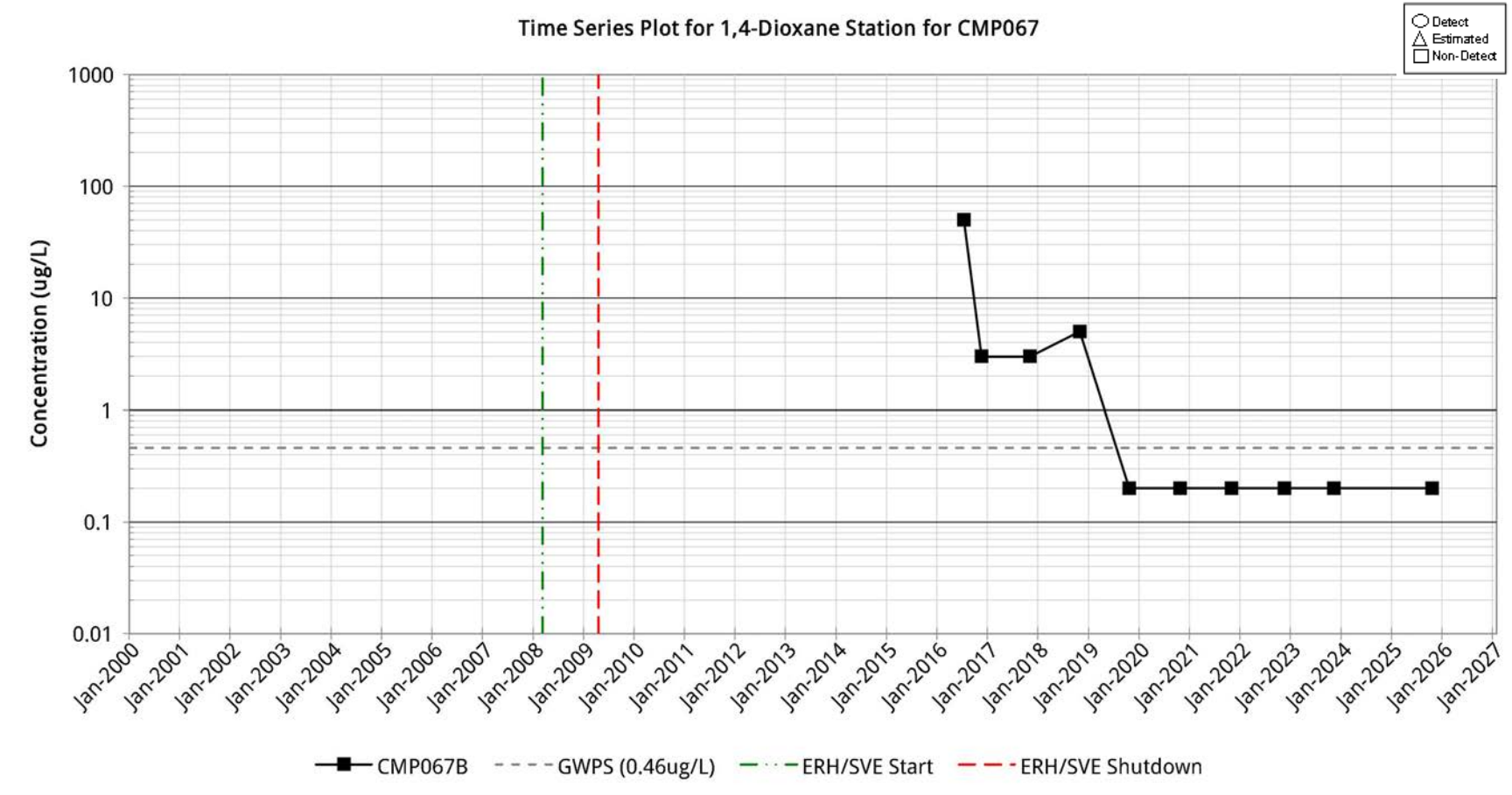

Time Series Plot for 1,4-Dioxane Station for CMP062
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP062B
CMP062C
CMP062D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

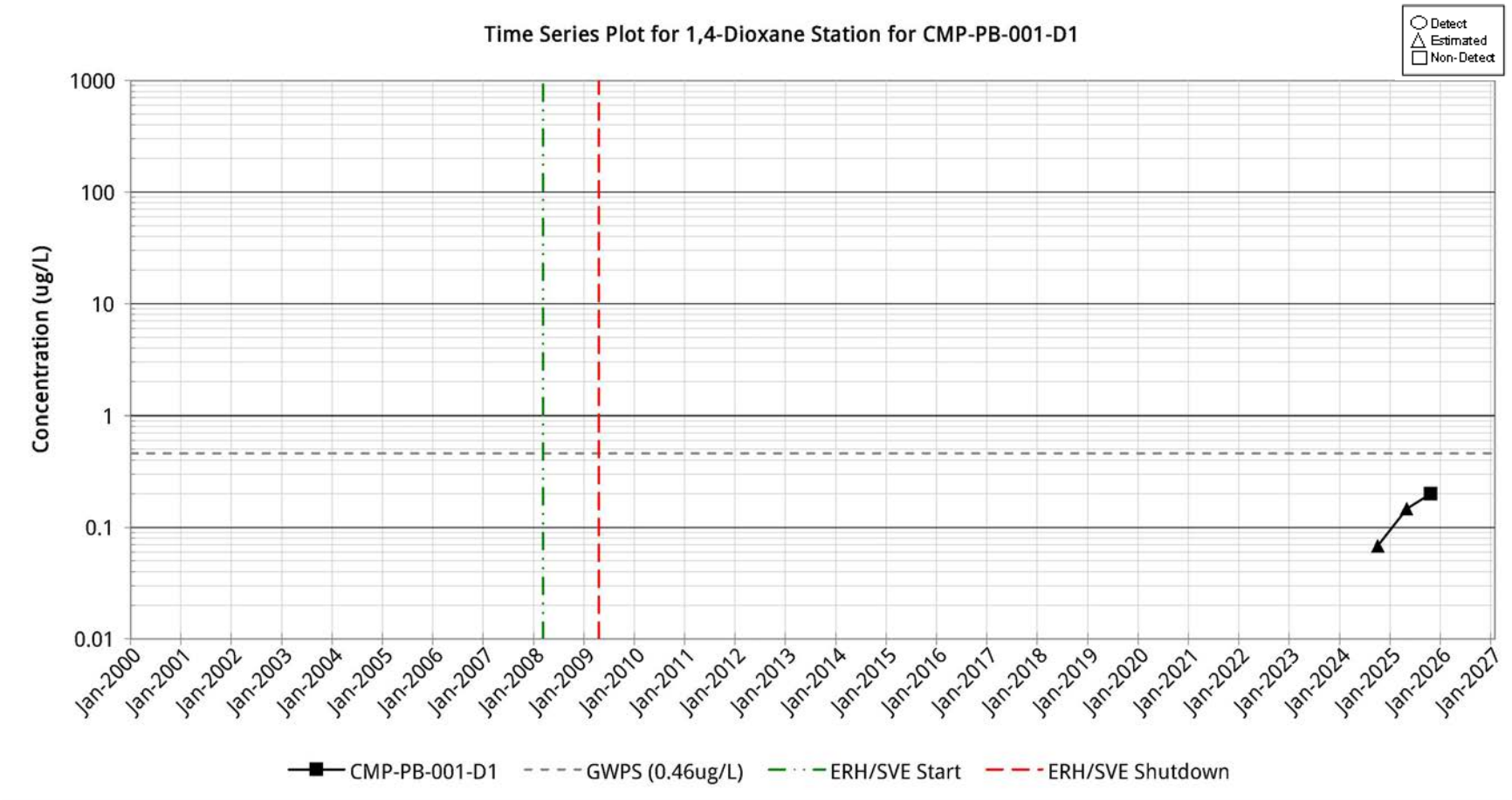

Time Series Plot for 1,4-Dioxane Station for CMP063
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP063C
CMP063B
CMP063D
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

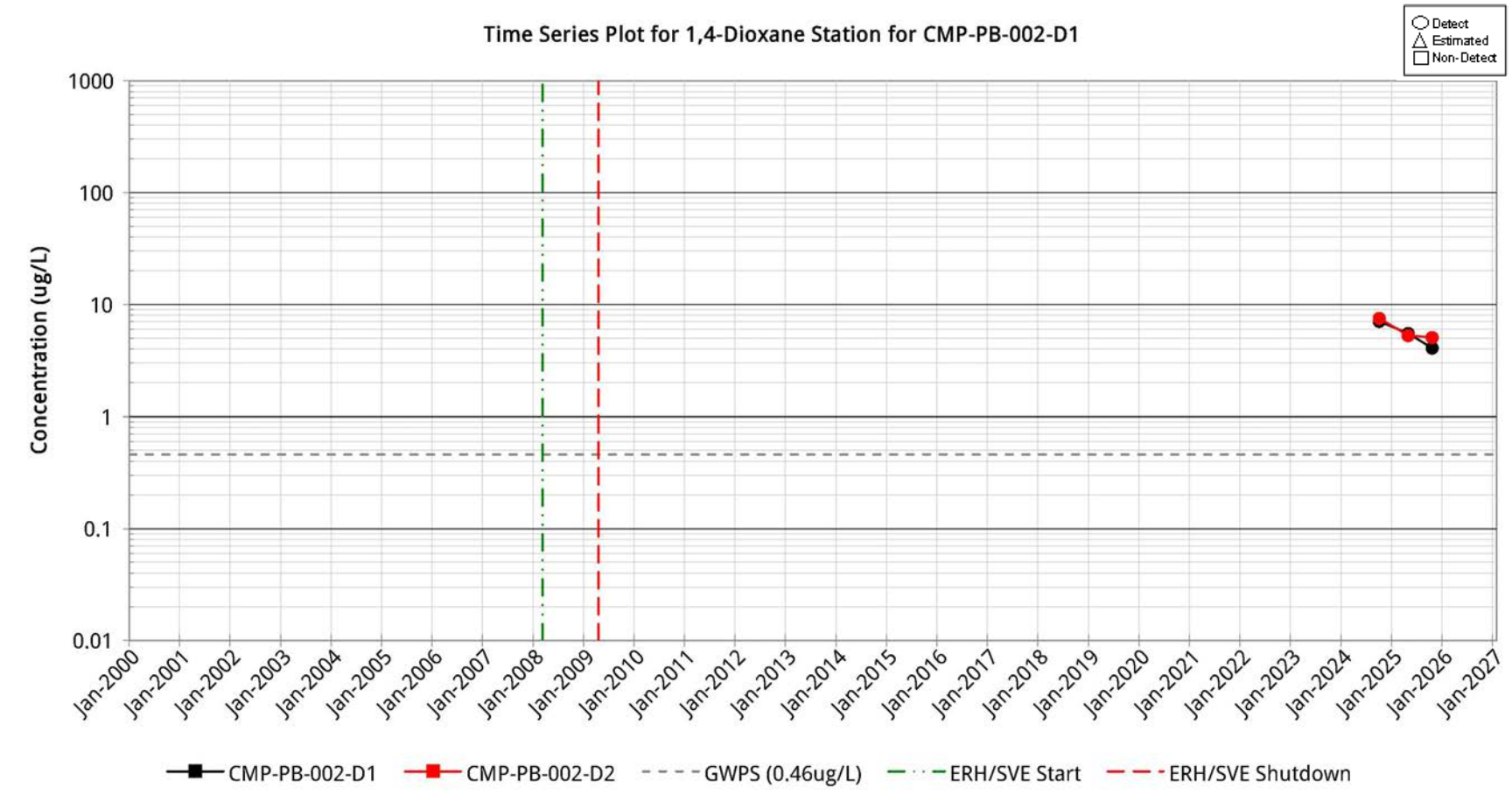

Time Series Plot for 1,4-Dioxane Station for CMP064
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP064BU
CMP064B
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

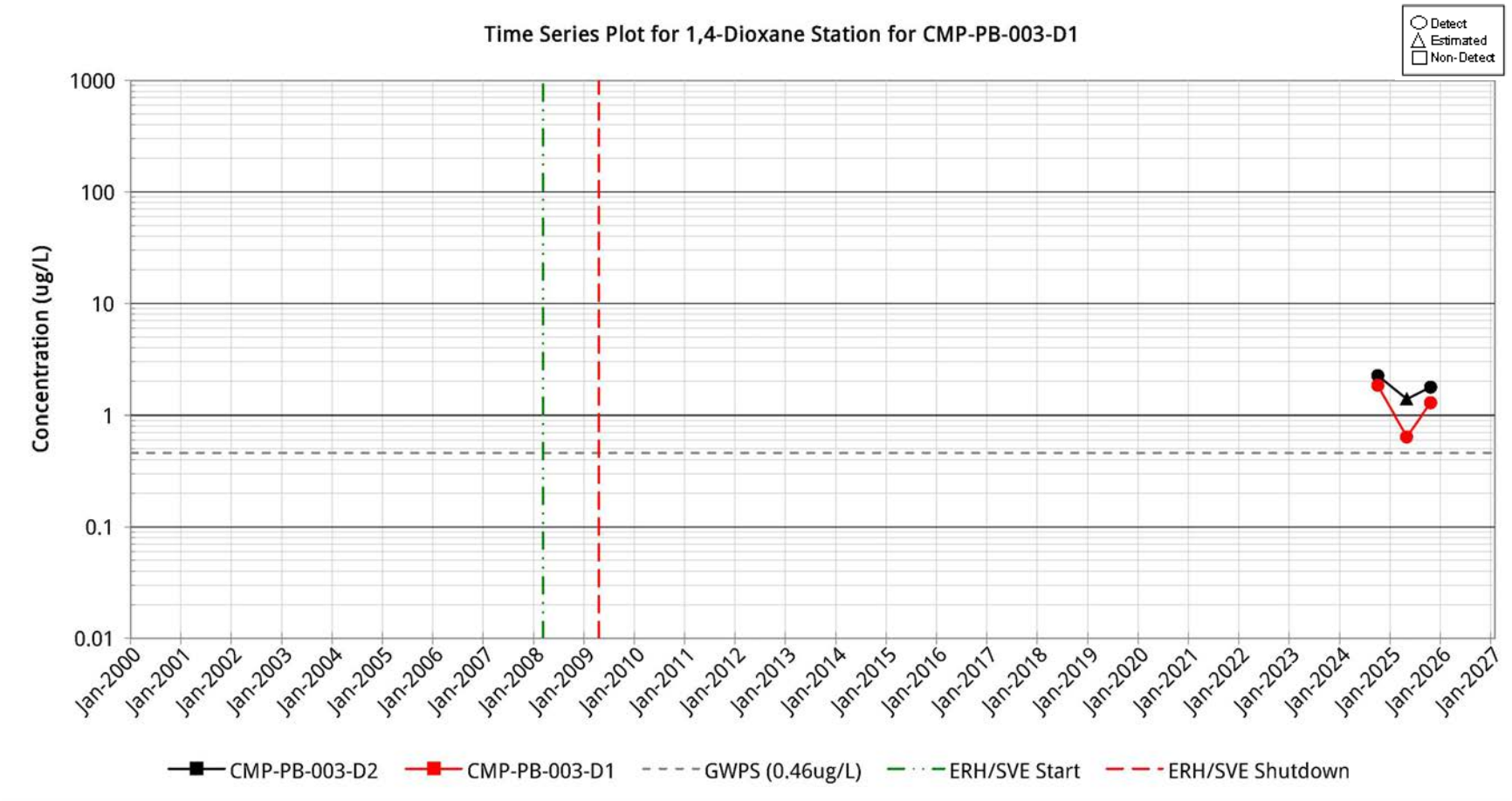

Time Series Plot for 1,4-Dioxane Station for CMP065
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP065BU
CMP065B
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

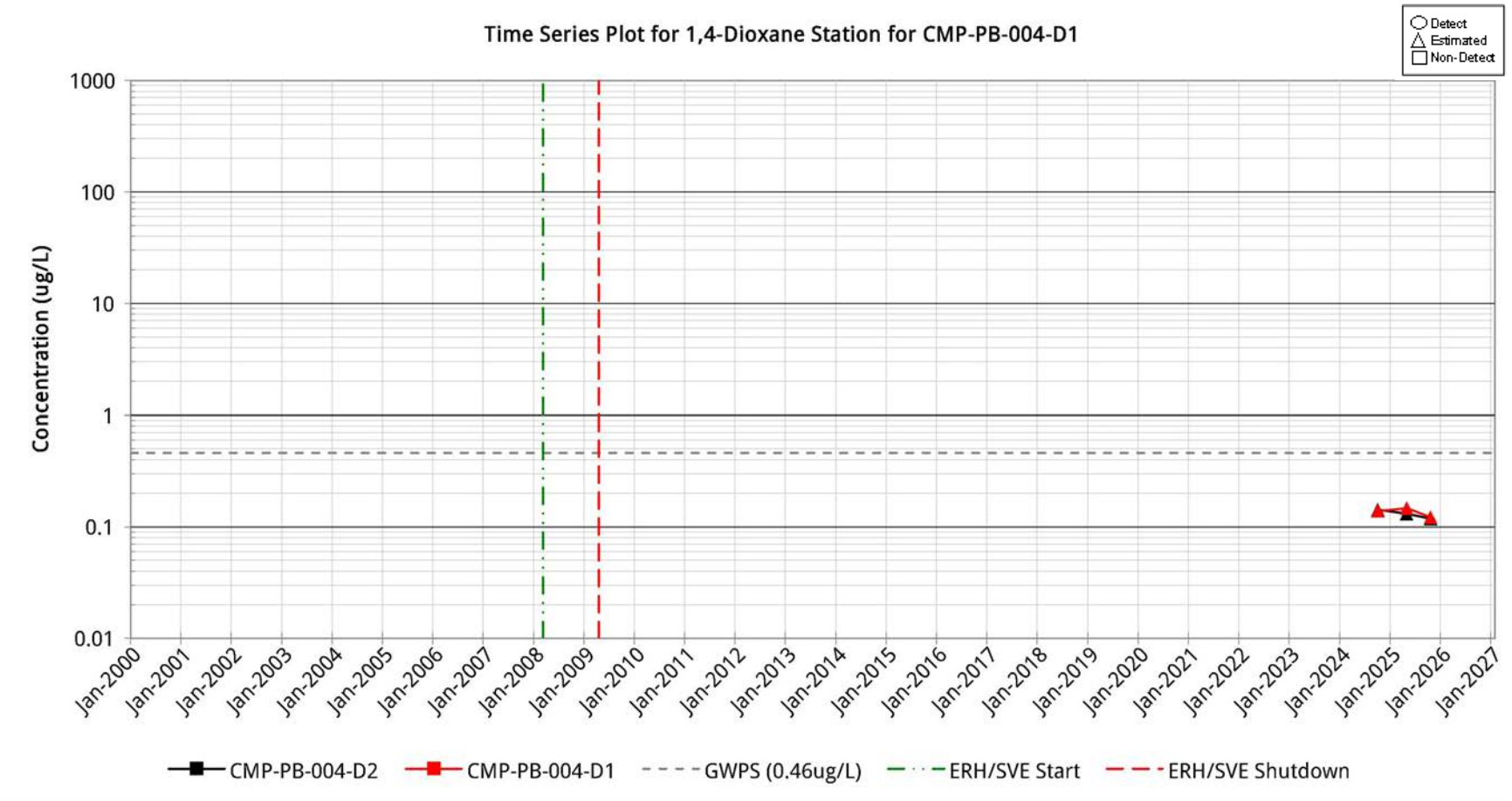

Time Series Plot for 1,4-Dioxane Station for CMP066
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP066B
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

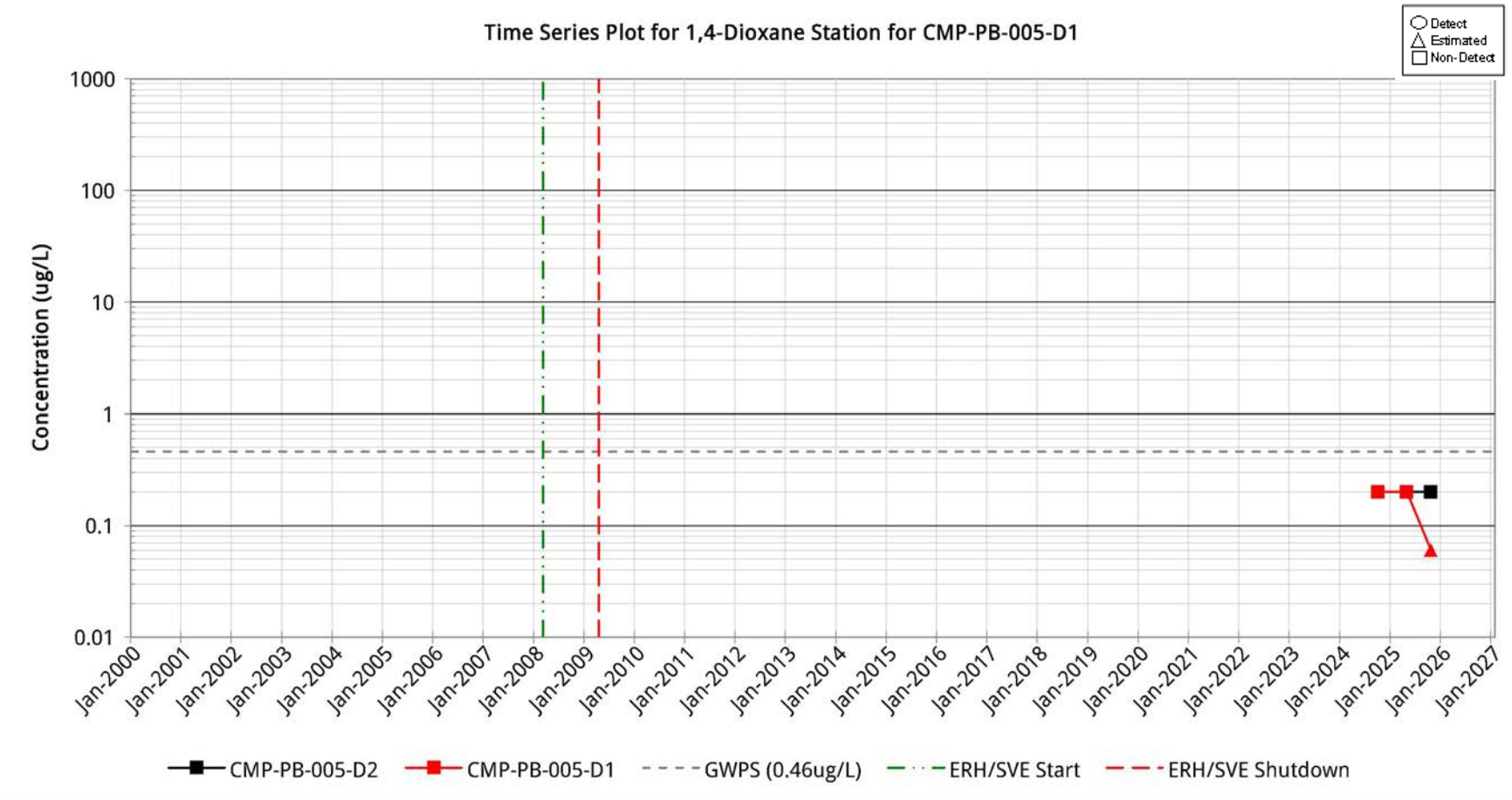

Time Series Plot for 1,4-Dioxane Station for CMP067
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP067B
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

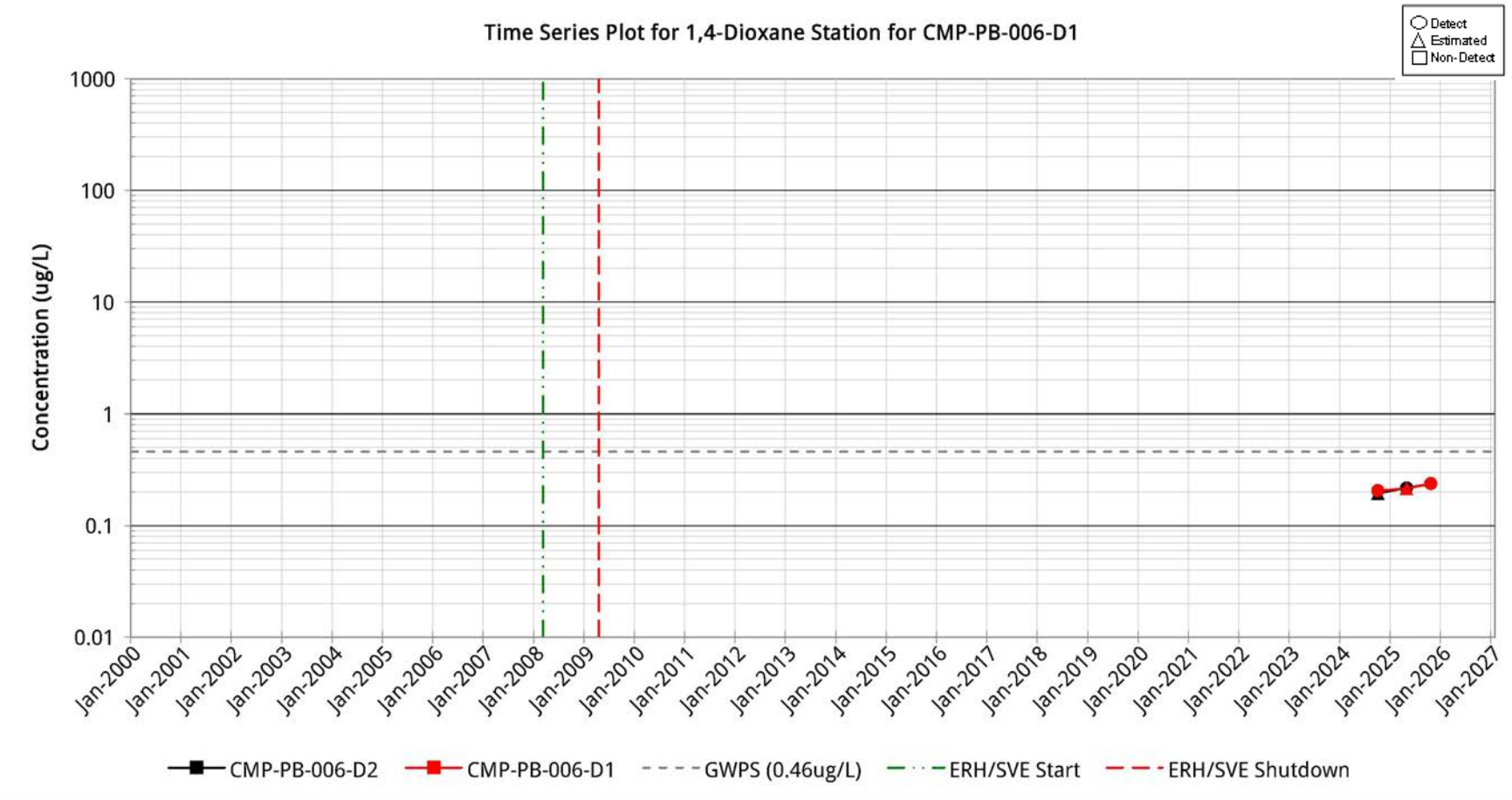

Time Series Plot for 1,4-Dioxane Station for CMP-PB-001-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-001-D1
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

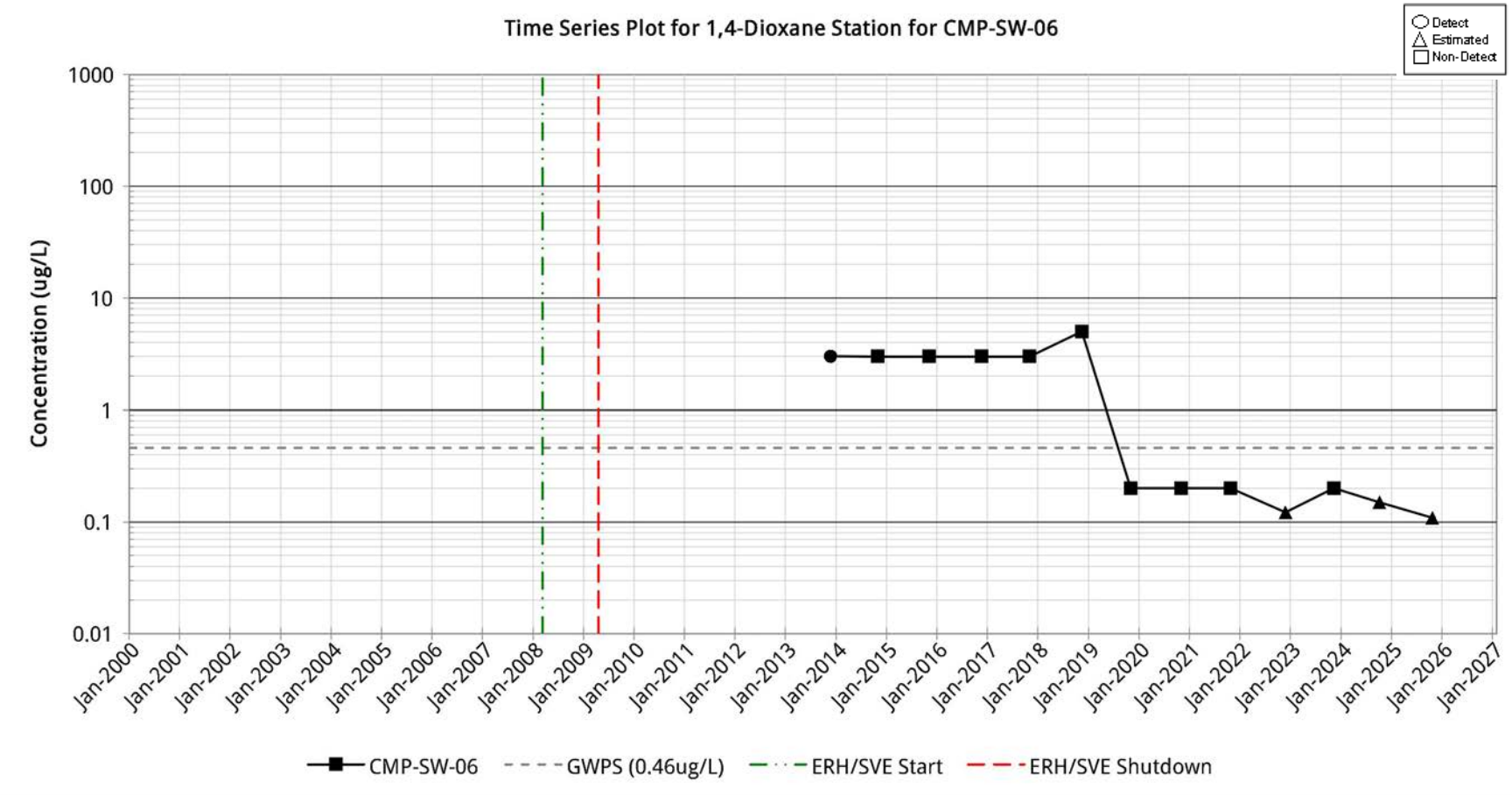

Time Series Plot for 1,4-Dioxane Station for CMP-PB-002-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-002-D1
CMP-PB-002-D2
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

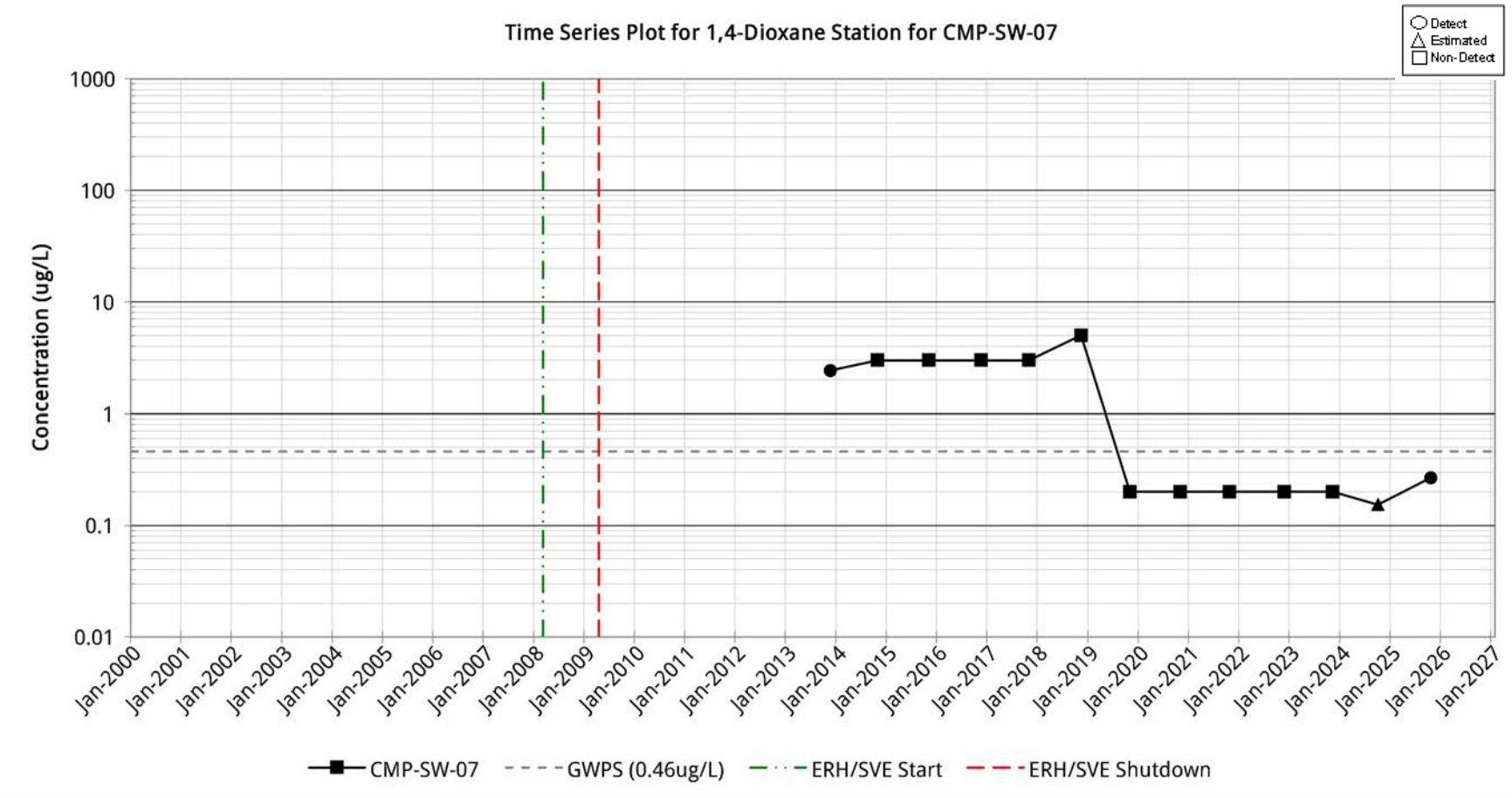

Time Series Plot for 1,4-Dioxane Station for CMP-PB-003-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-003-D2
CMP-PB-003-D1
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

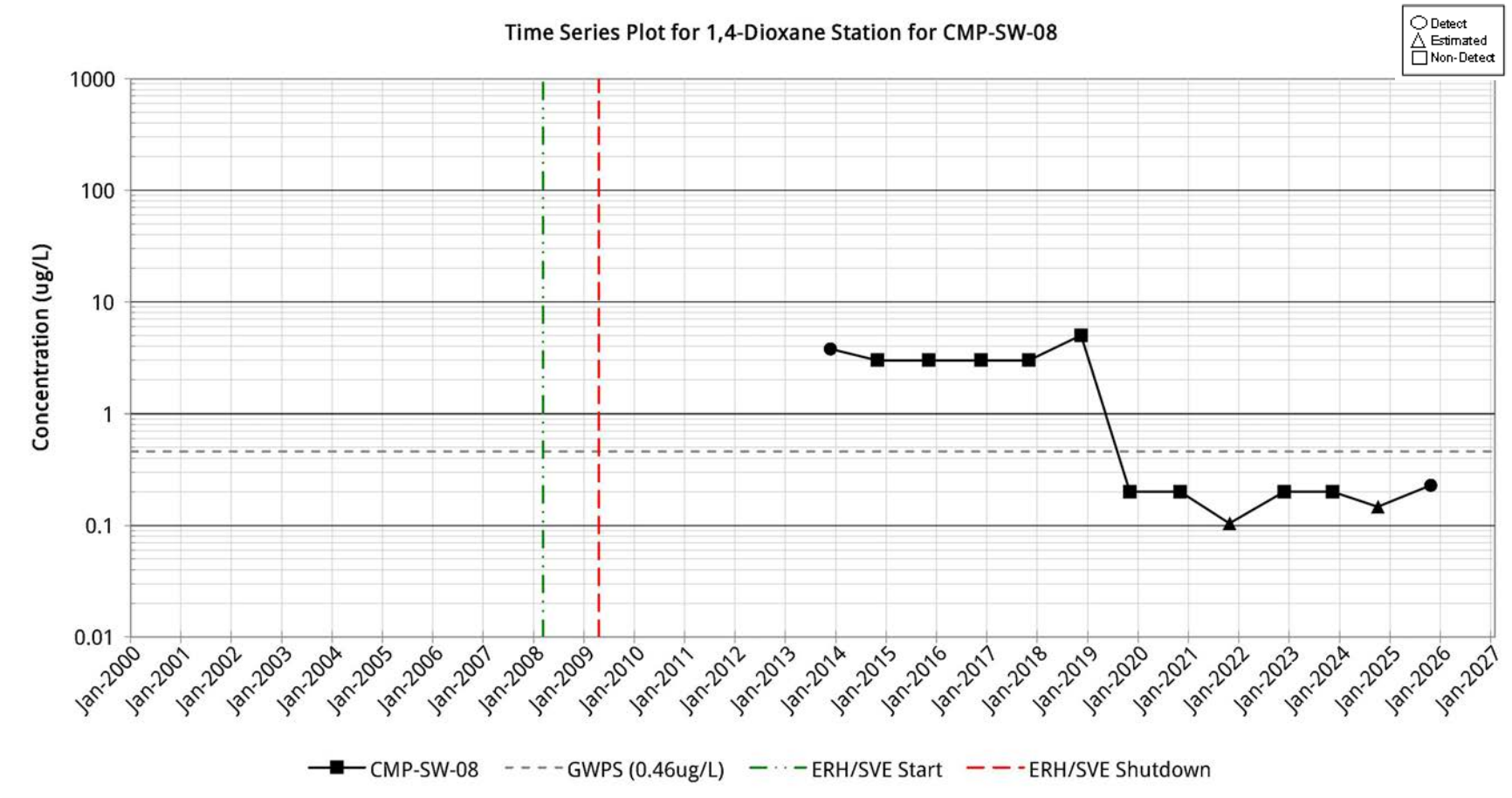

Time Series Plot for 1,4-Dioxane Station for CMP-PB-004-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-004-D2
CMP-PB-004-D1
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

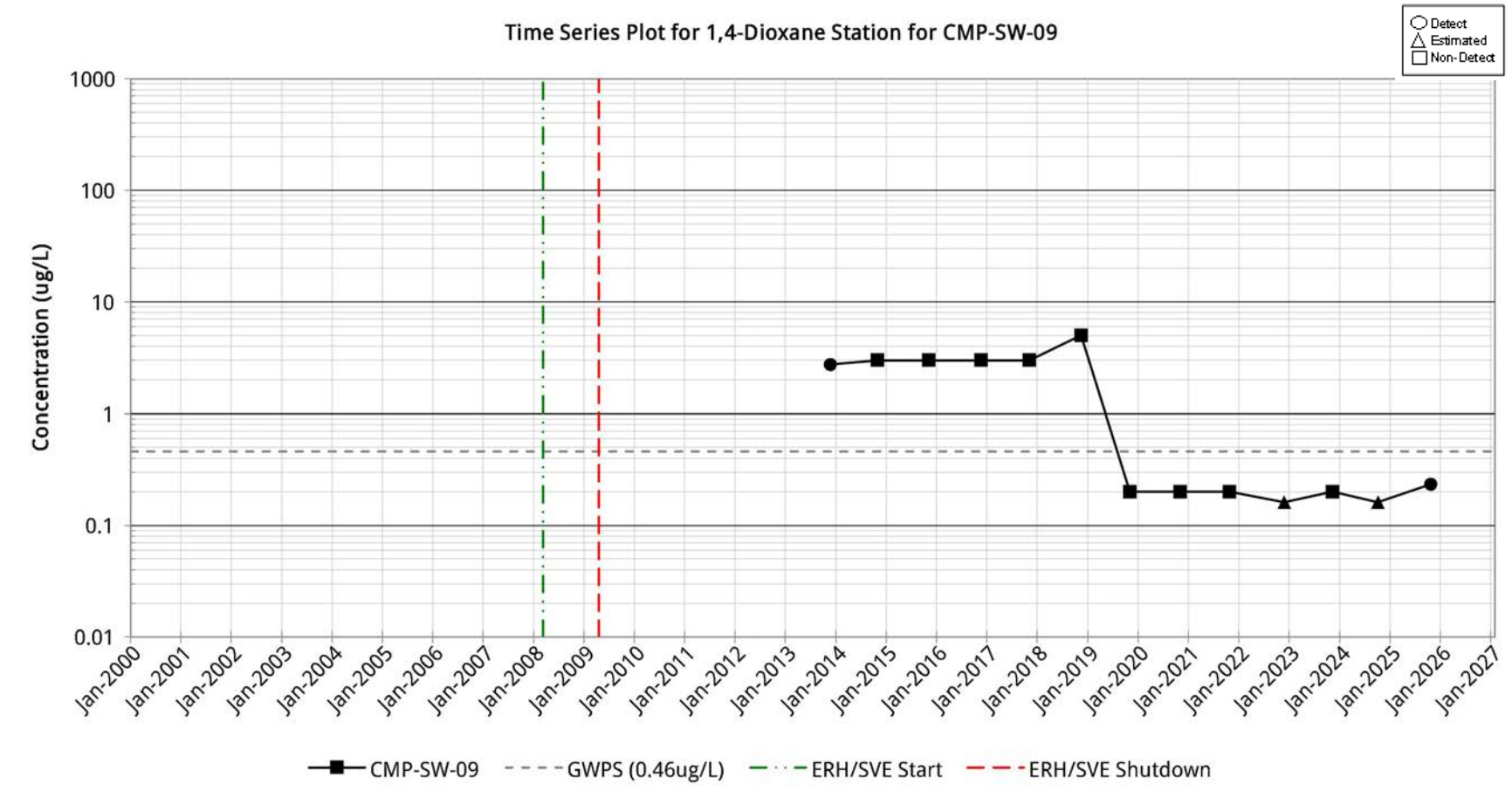

Time Series Plot for 1,4-Dioxane Station for CMP-PB-005-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-005-D2
CMP-PB-005-D1
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

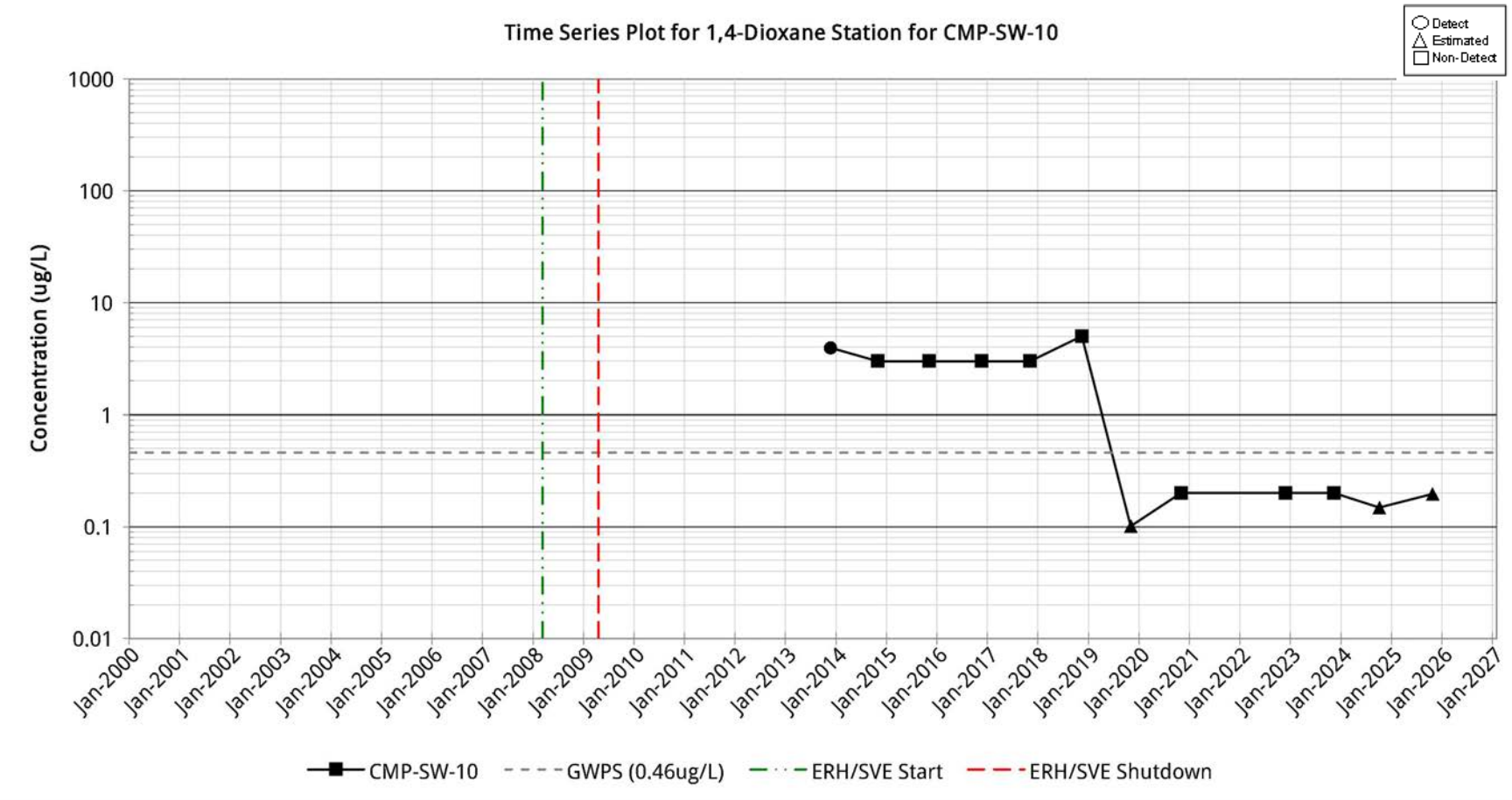

Time Series Plot for 1,4-Dioxane Station for CMP-PB-006-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-006-D2
CMP-PB-006-D1
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

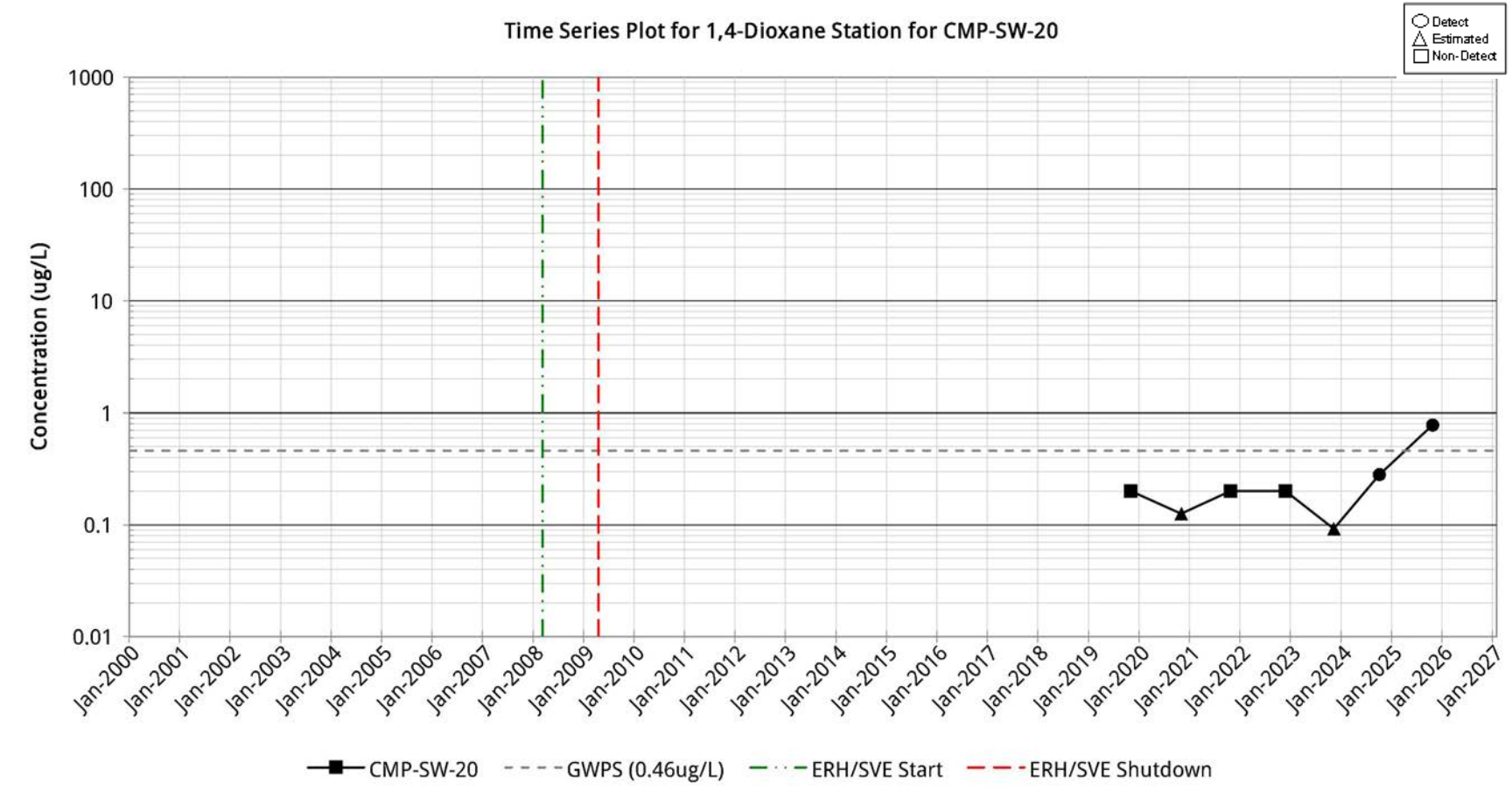

Time Series Plot for 1,4-Dioxane Station for CMP-SW-06
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-06
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

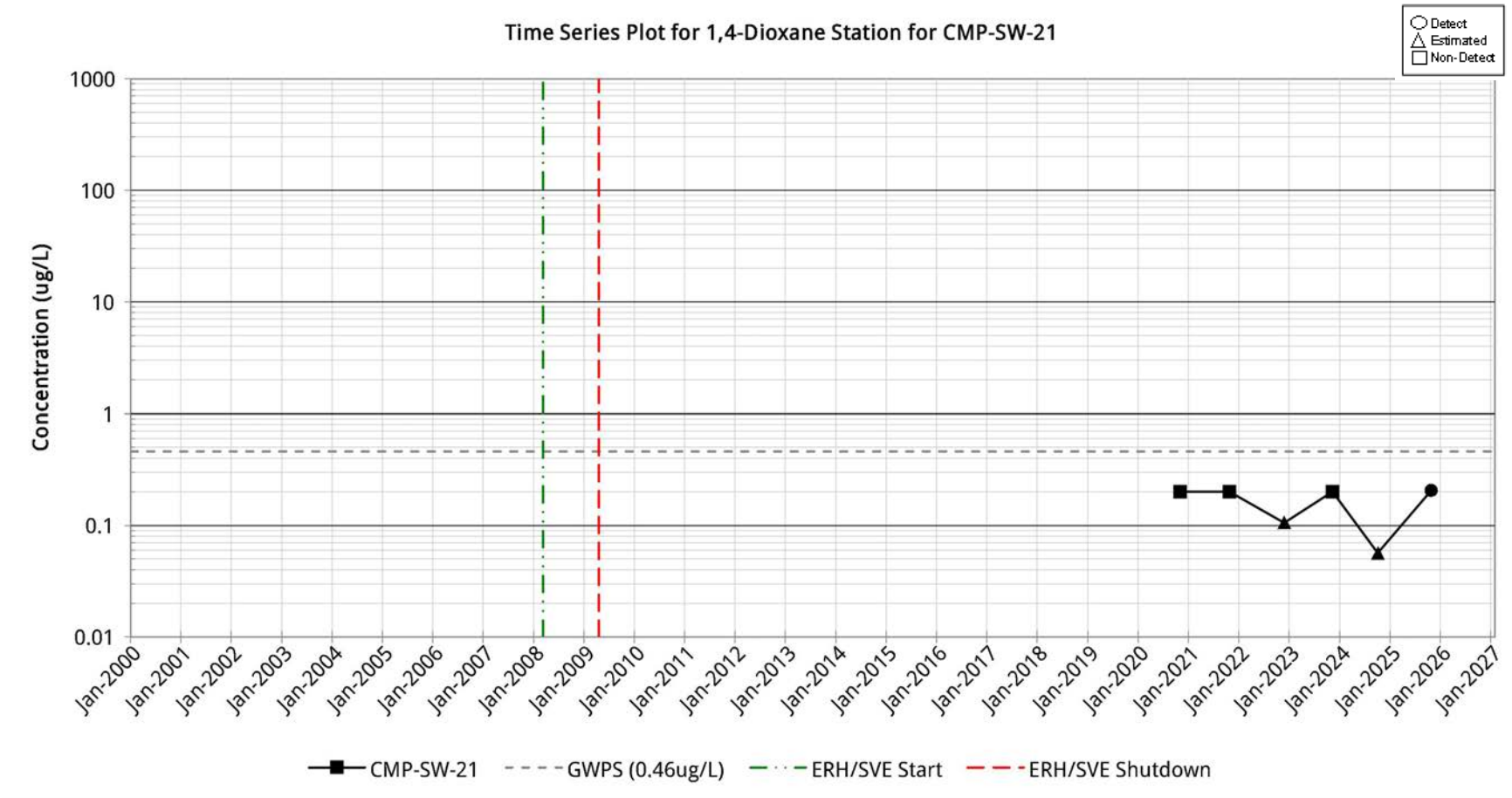

Time Series Plot for 1,4-Dioxane Station for CMP-SW-07
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-07
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

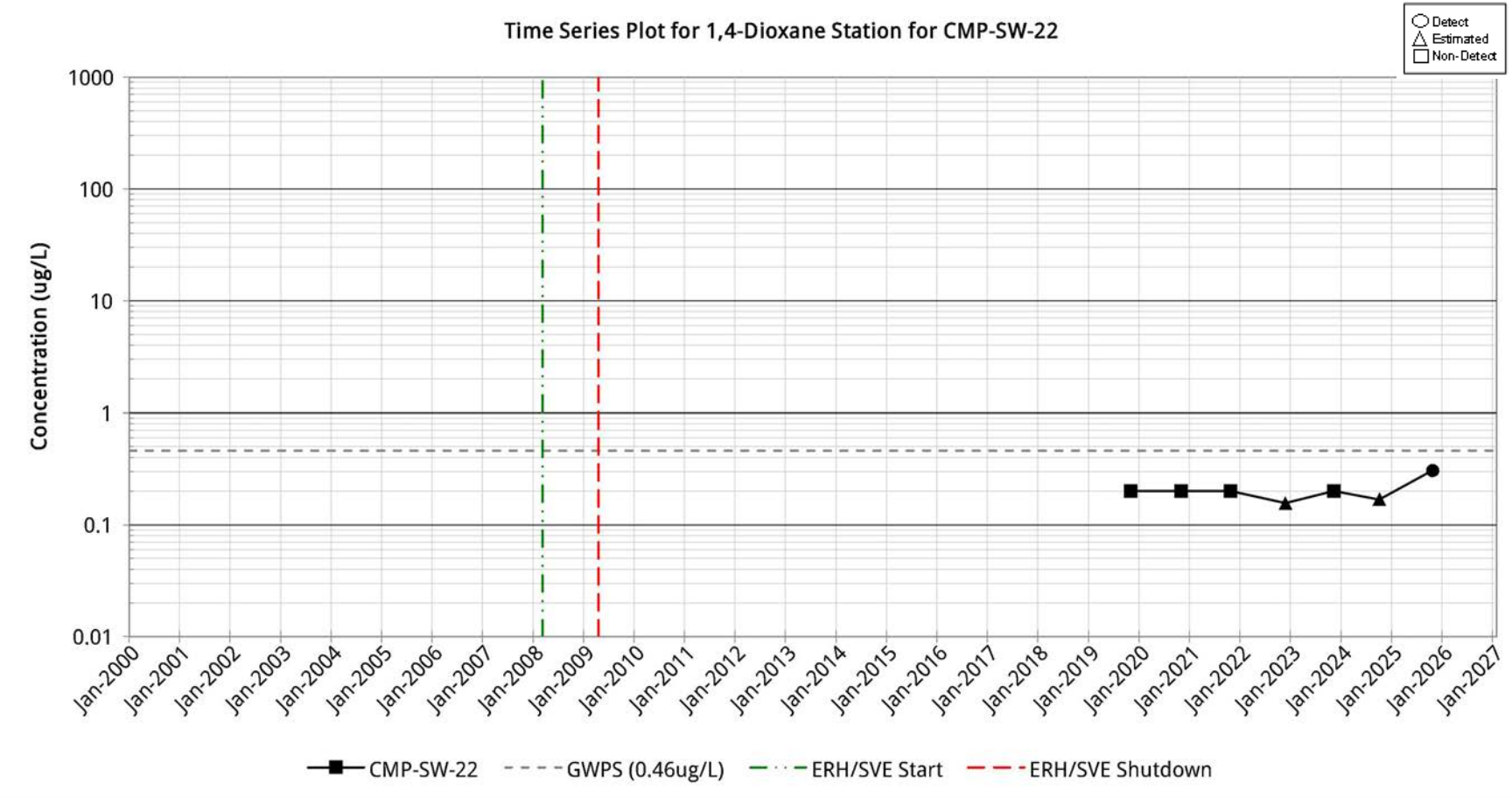

Time Series Plot for 1,4-Dioxane Station for CMP-SW-08
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-08
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

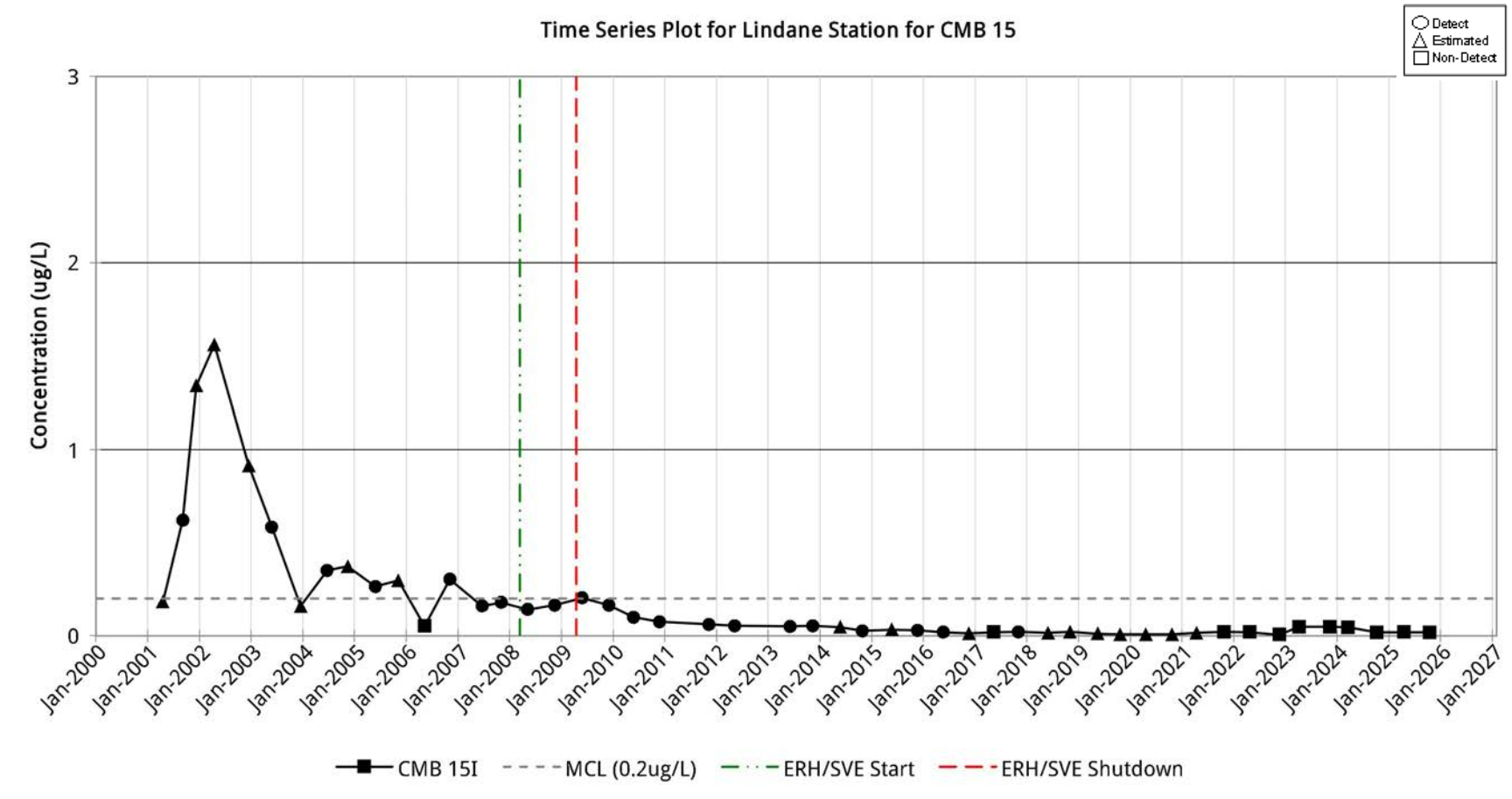

Time Series Plot for 1,4-Dioxane Station for CMP-SW-09
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-09
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

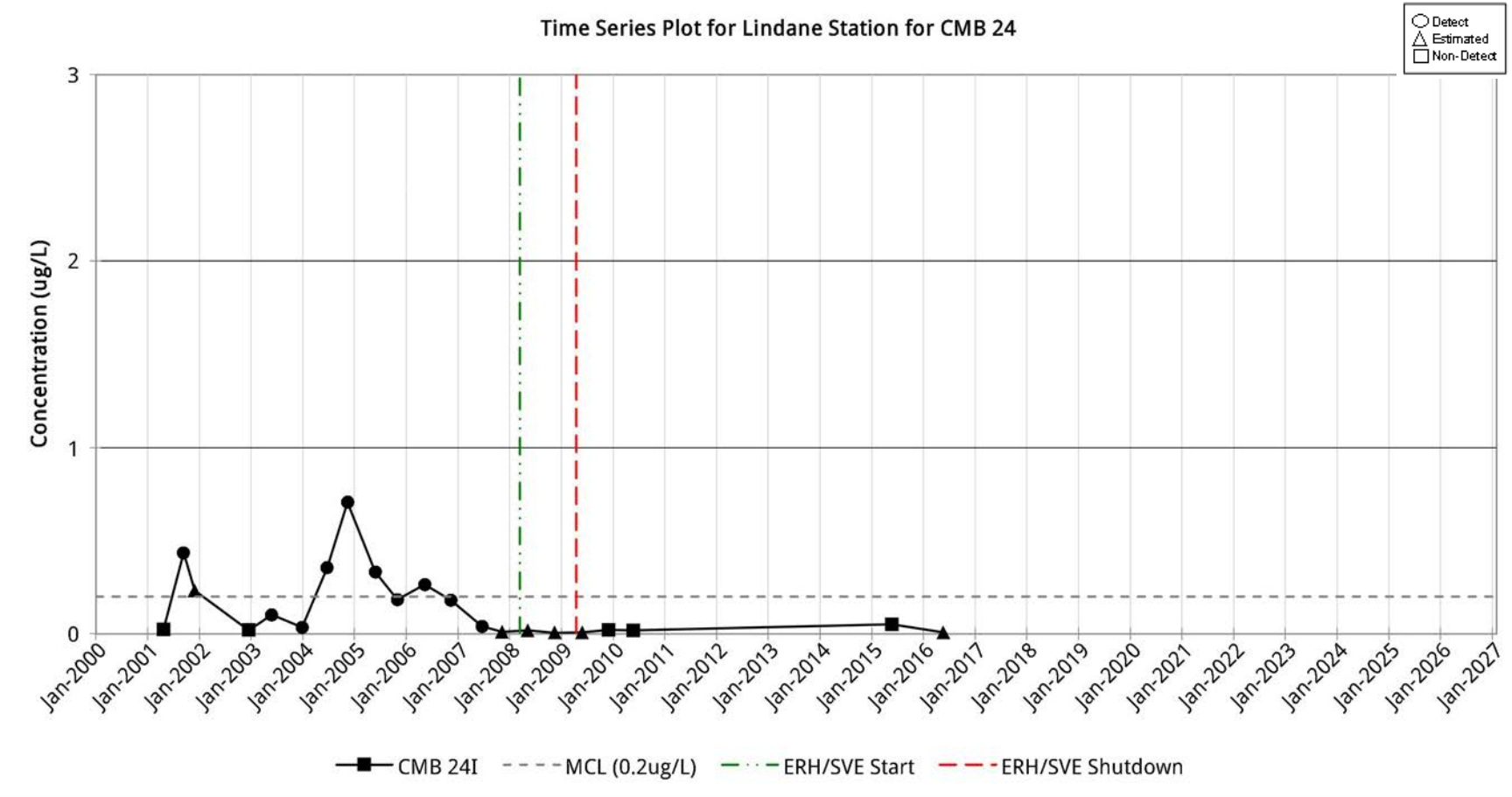

Time Series Plot for 1,4-Dioxane Station for CMP-SW-10
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-10
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

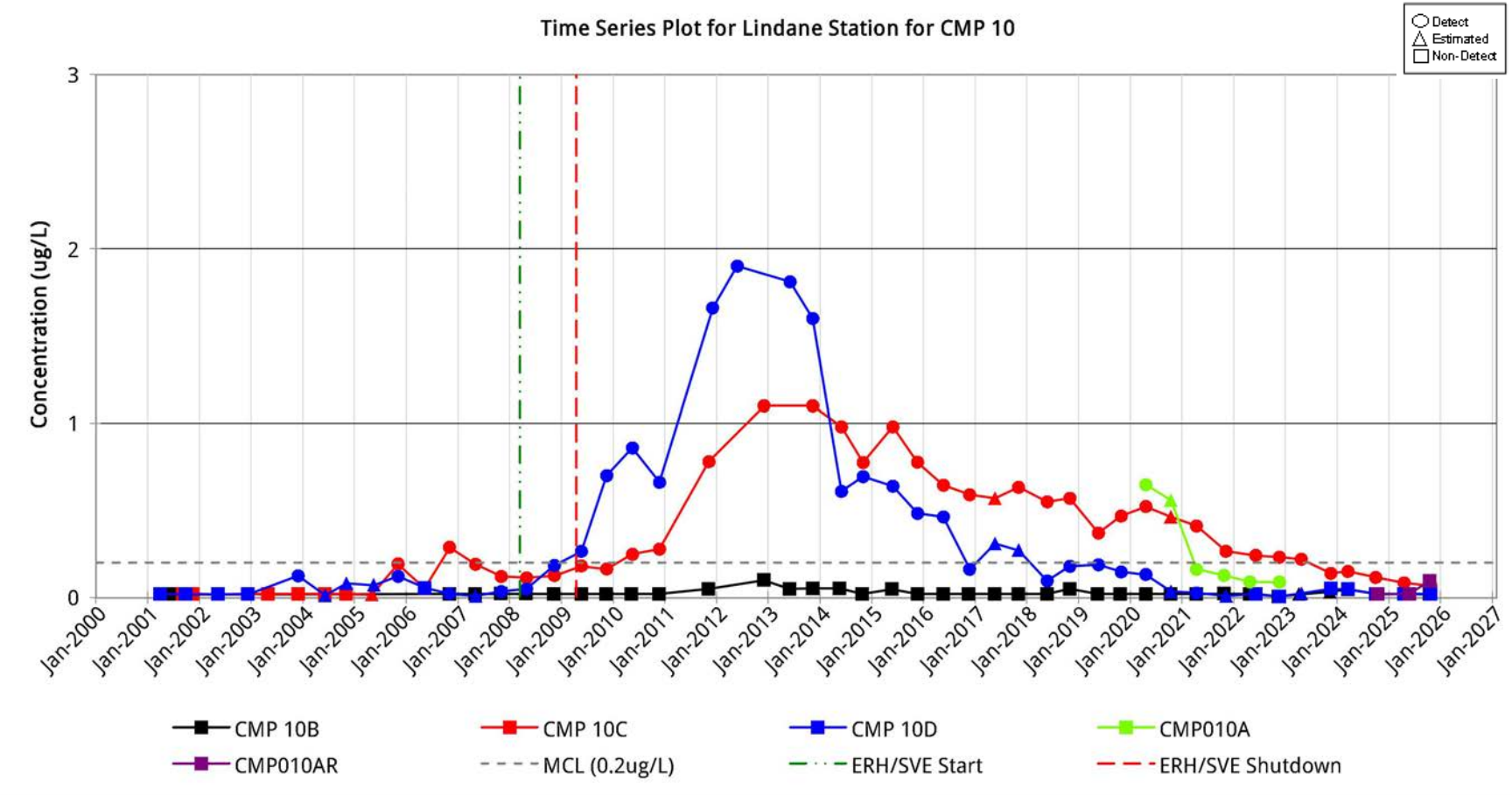

Time Series Plot for 1,4-Dioxane Station for CMP-SW-20
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-20
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

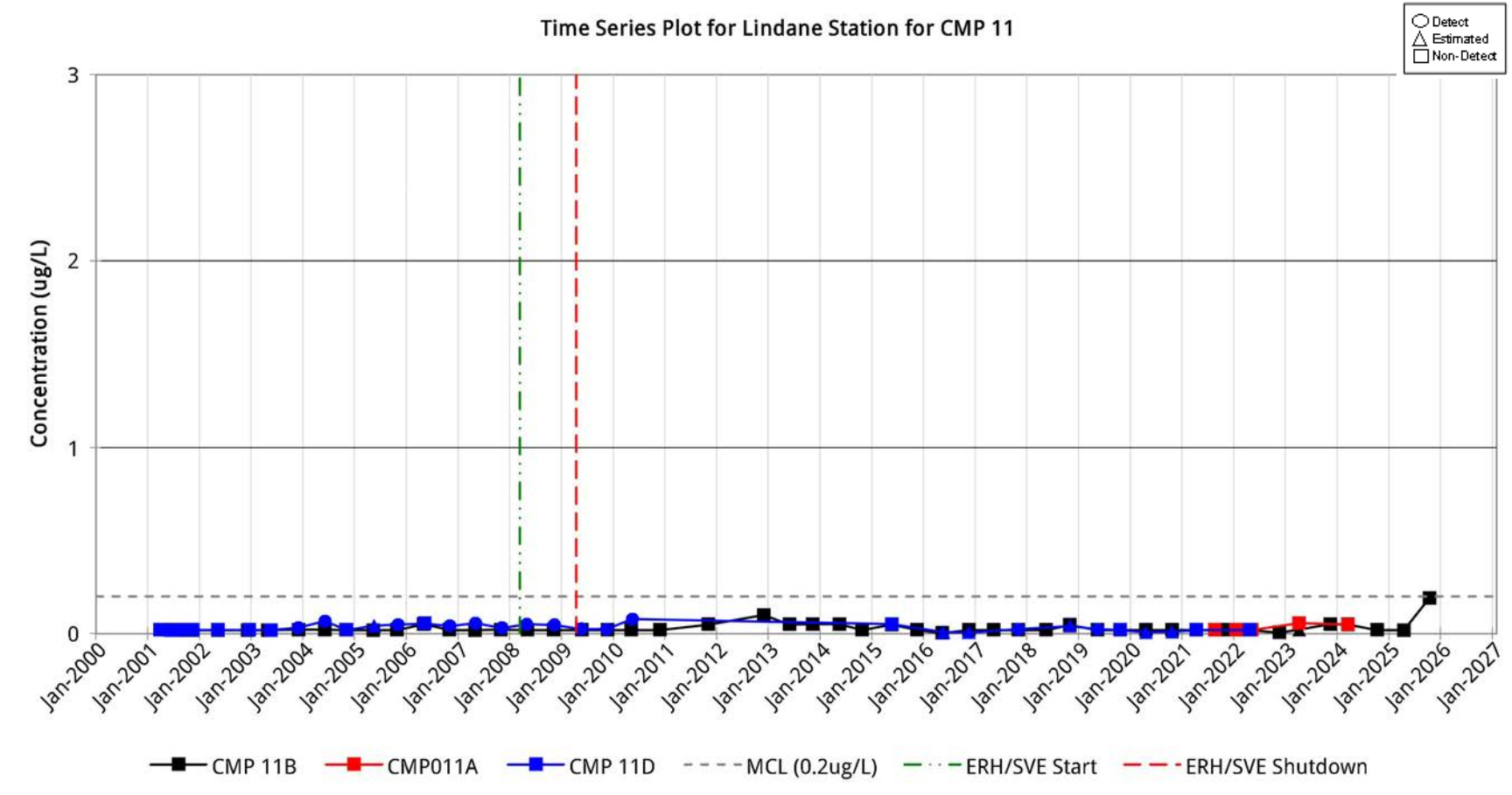

Time Series Plot for 1,4-Dioxane Station for CMP-SW-21
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-21
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

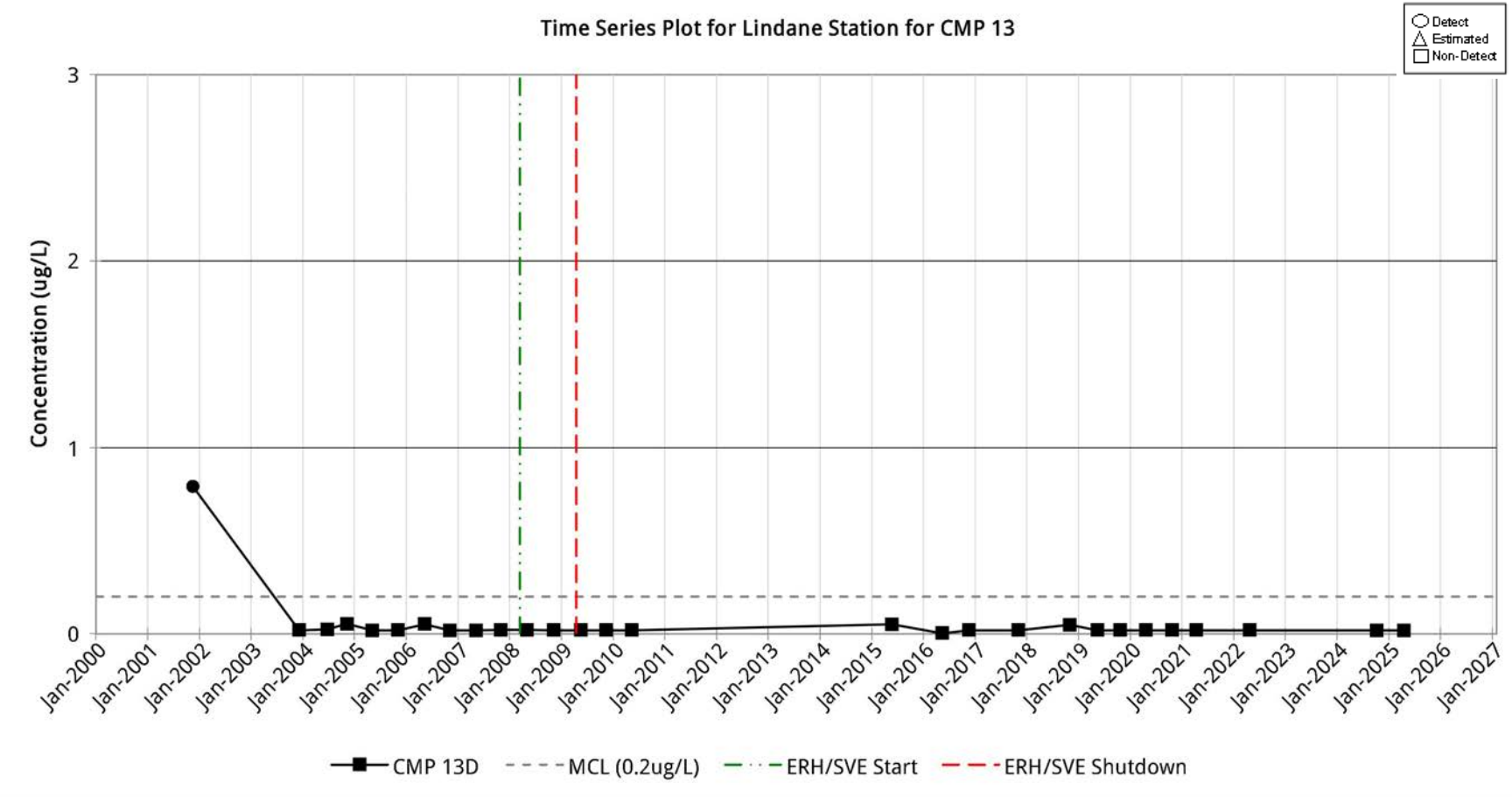

Time Series Plot for 1,4-Dioxane Station for CMP-SW-22
Detect
Estimated
Non-Detect
Concentration (ug/L)
1000
100
10
1
0.1
0.01
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-SW-22
GWPS (0.46ug/L)
ERH/SVE Start
ERH/SVE Shutdown

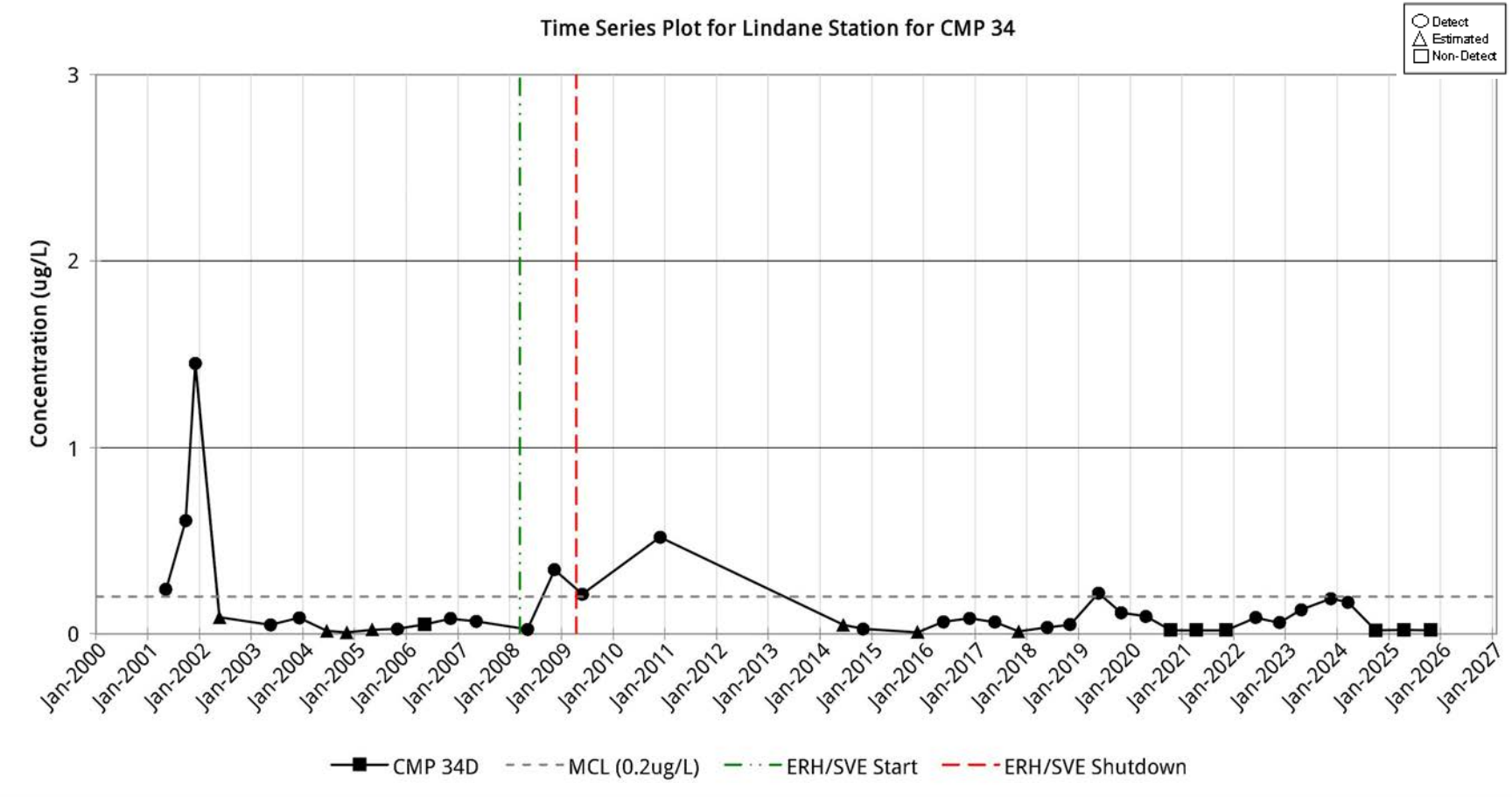

Time Series Plot for Lindane Station for CMB 15
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMB 15I
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

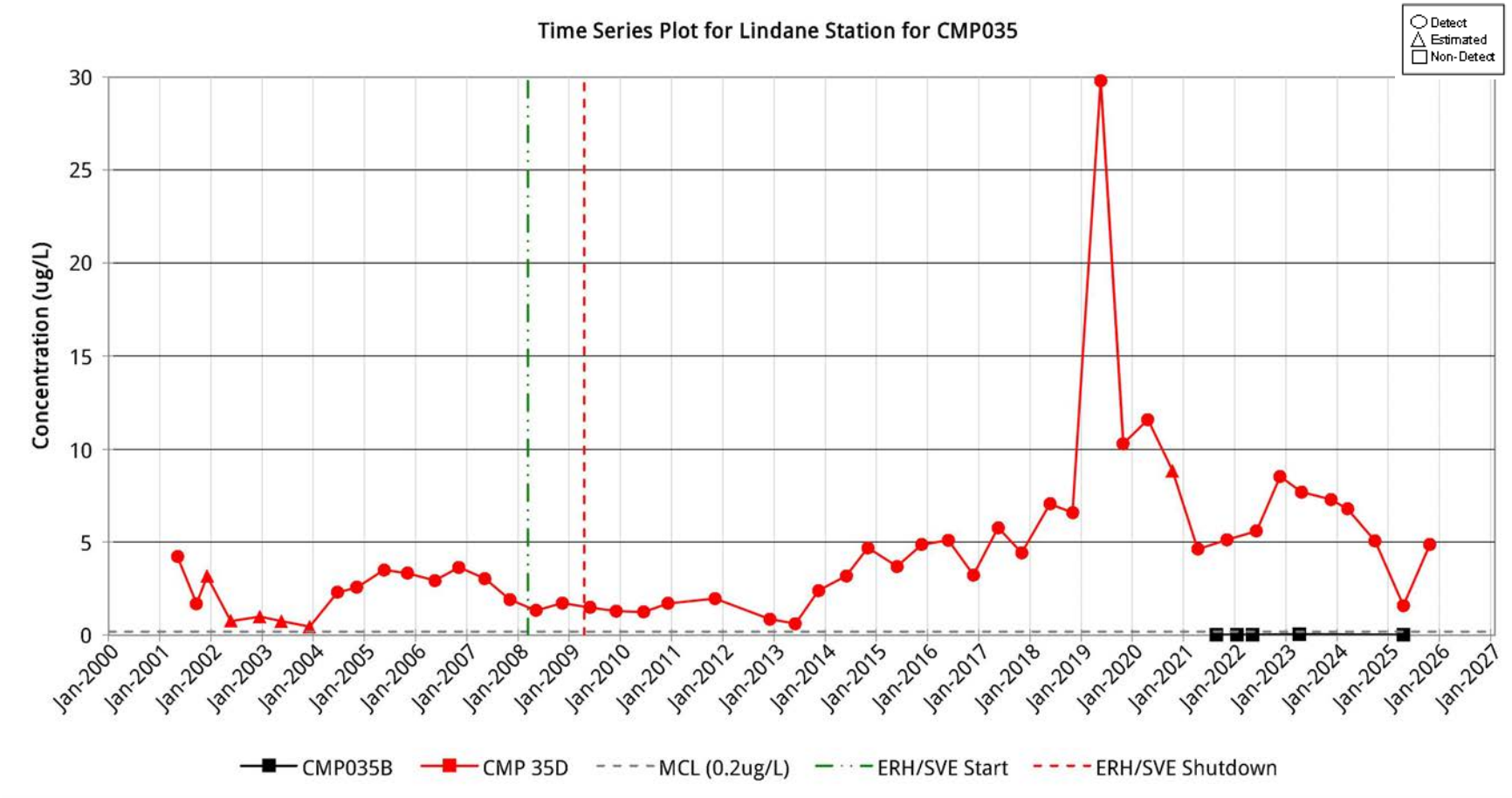

Time Series Plot for Lindane Station for CMB 24
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMB 24I
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

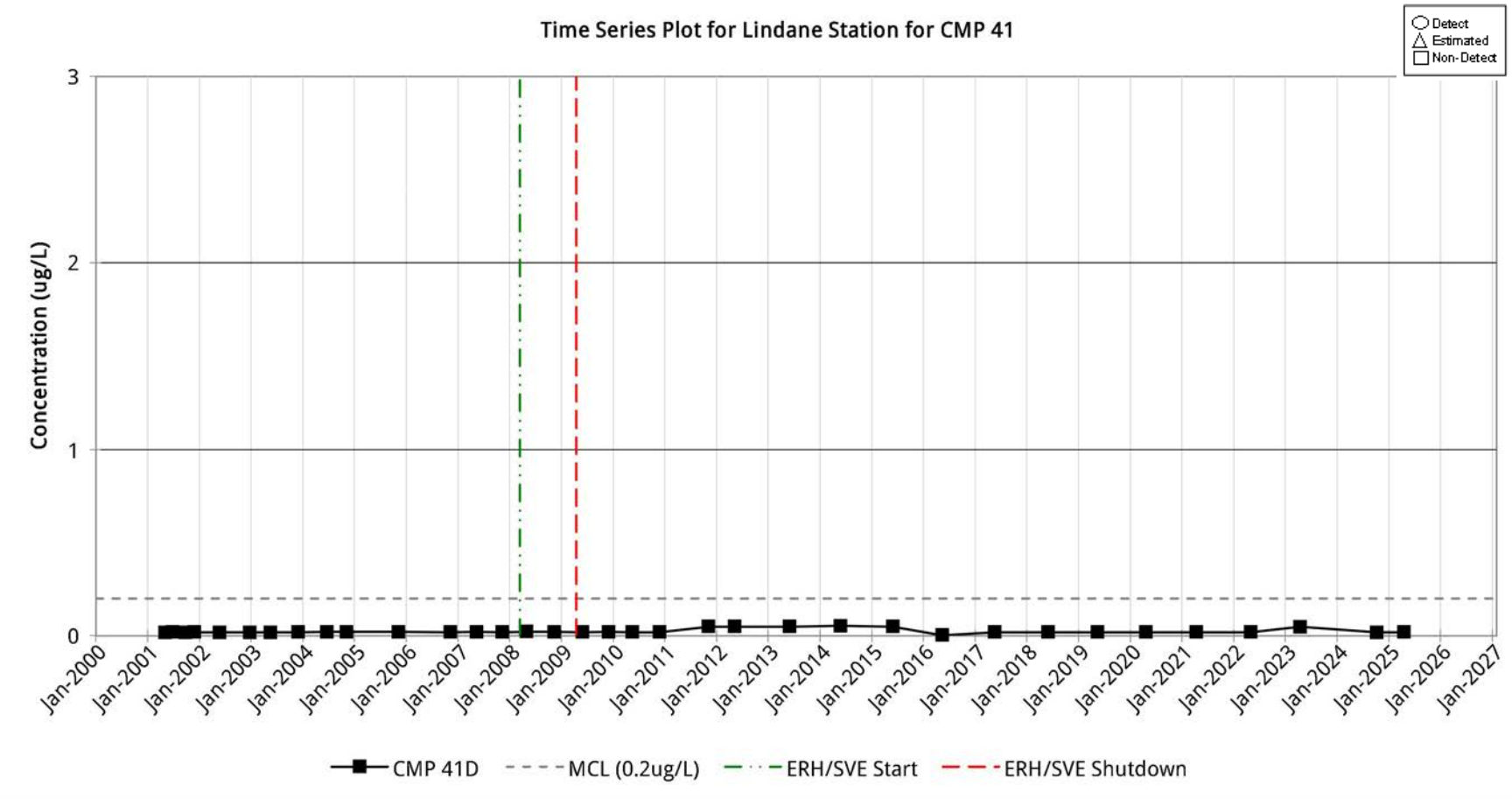

Time Series Plot for Lindane Station for CMP 10
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 10B
CMP 10C
CMP 10D
CMP010A
CMP010AR
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

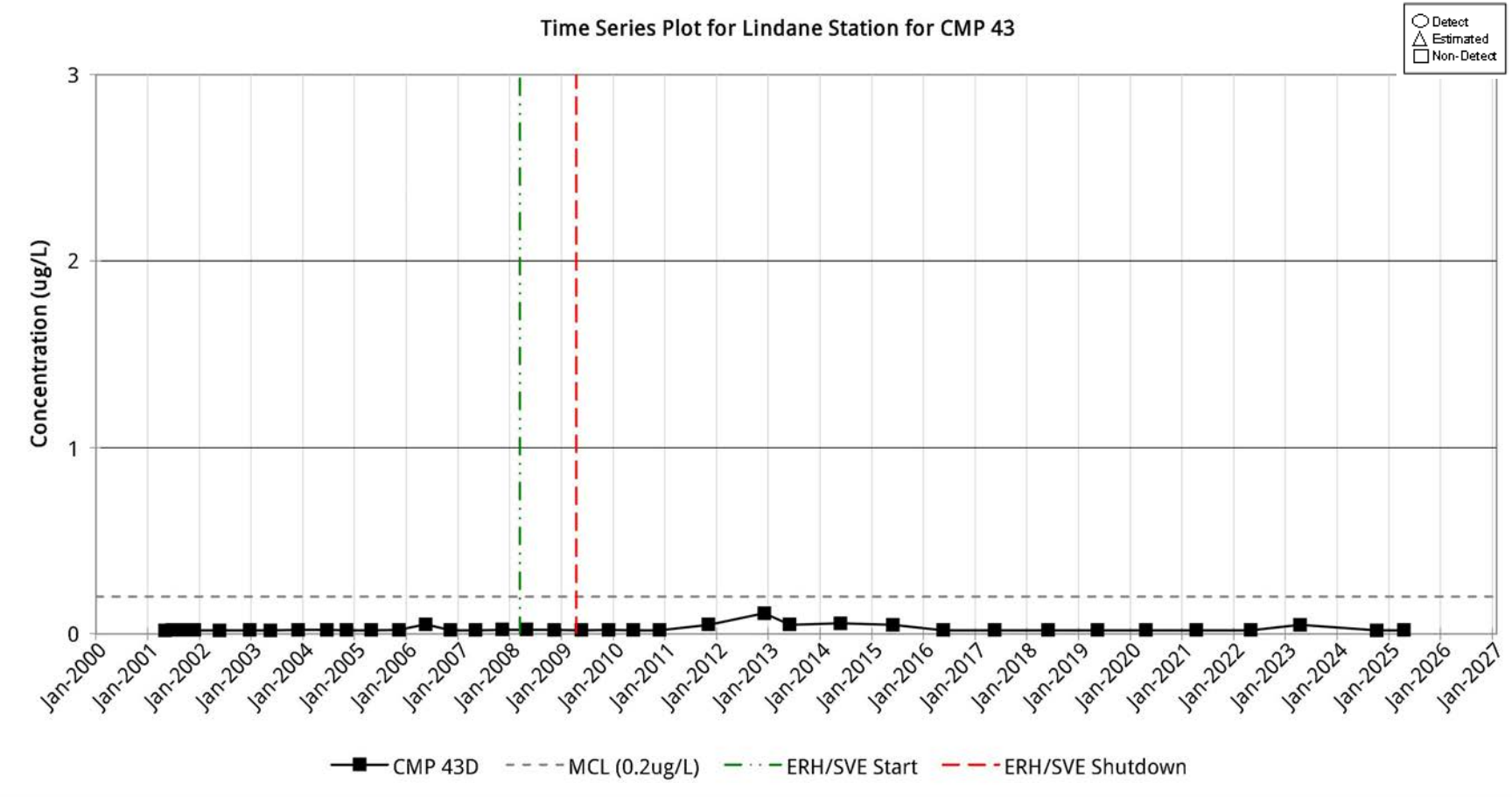

Time Series Plot for Lindane Station for CMP 11
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 11B
CMP011A
CMP 11D
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

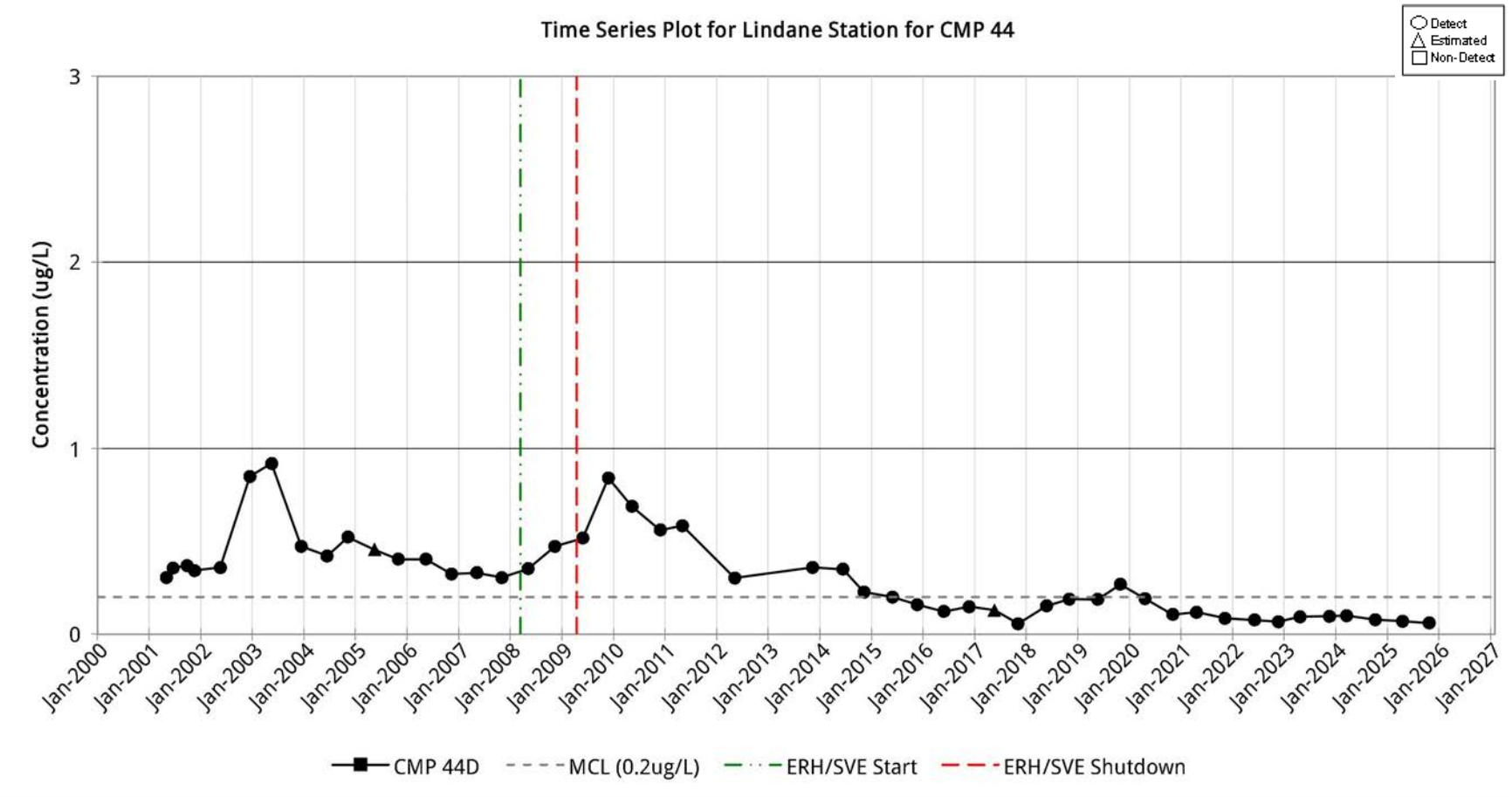

Time Series Plot for Lindane Station for CMP 13
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 13D
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

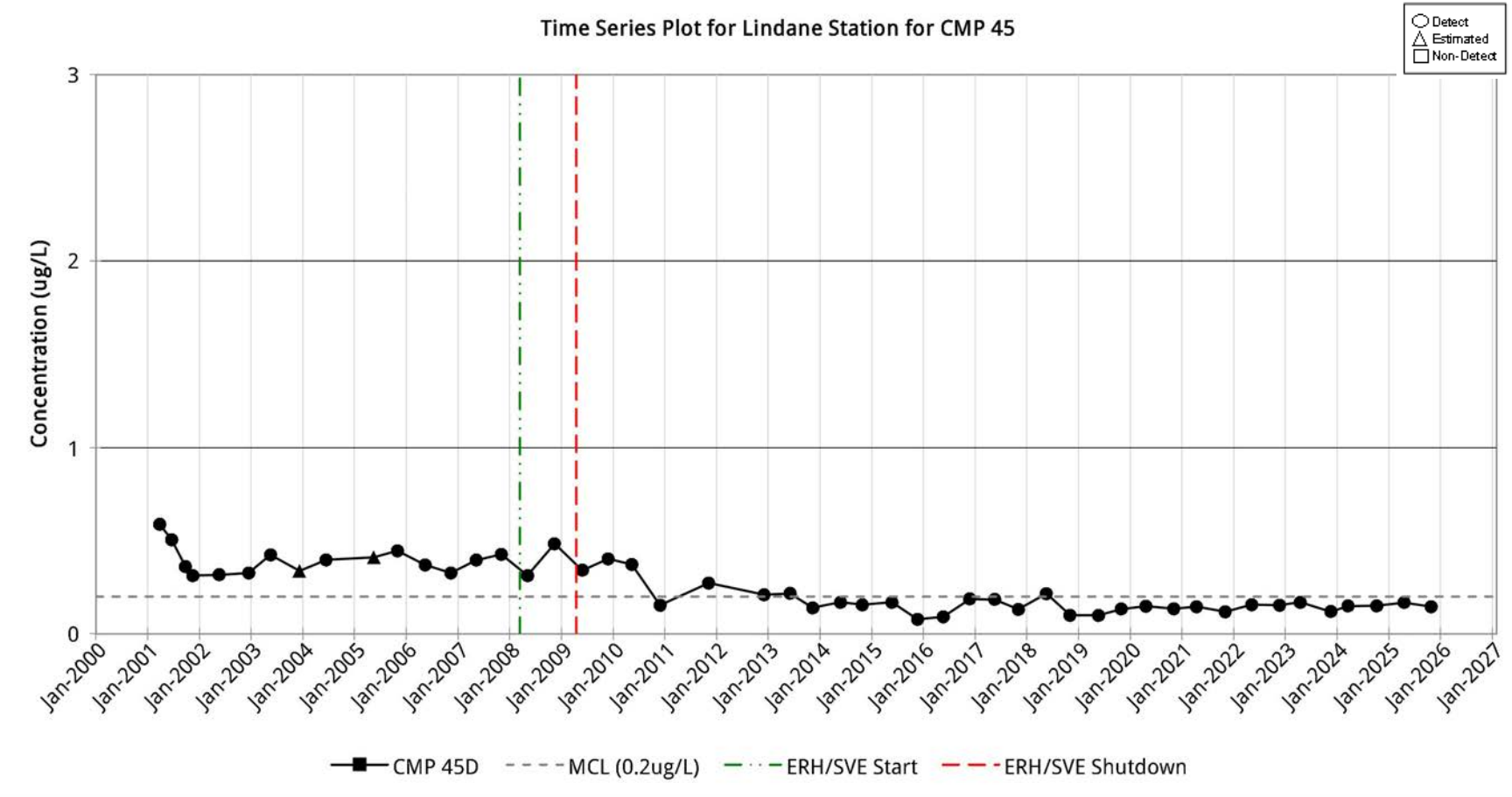

Time Series Plot for Lindane Station for CMP 34
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 34D
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

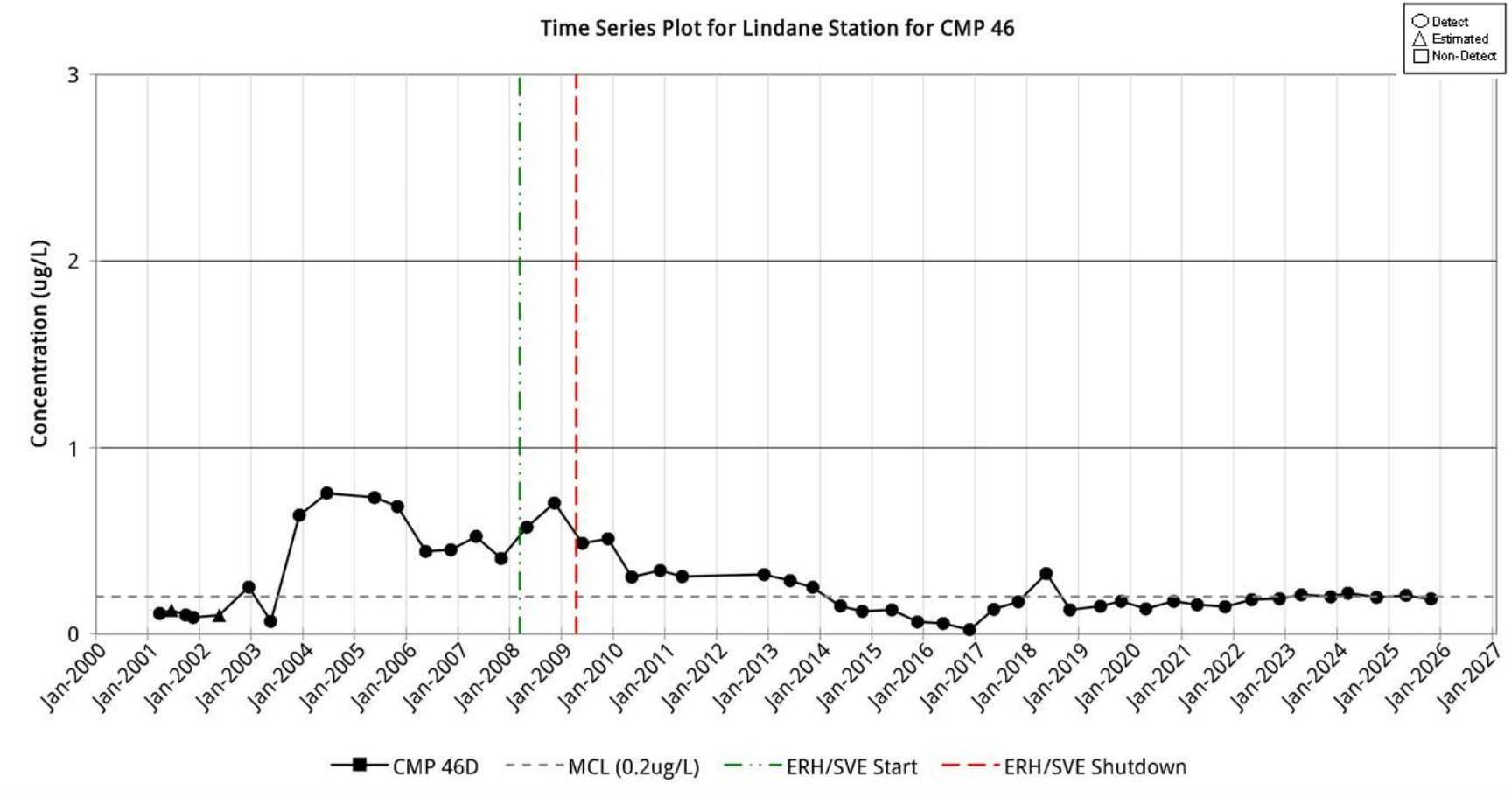

Time Series Plot for Lindane Station for CMP035
Detect
Estimated
Non-Detect
Concentration (ug/L)
30
25
20
15
10
5
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP035B
CMP 35D
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

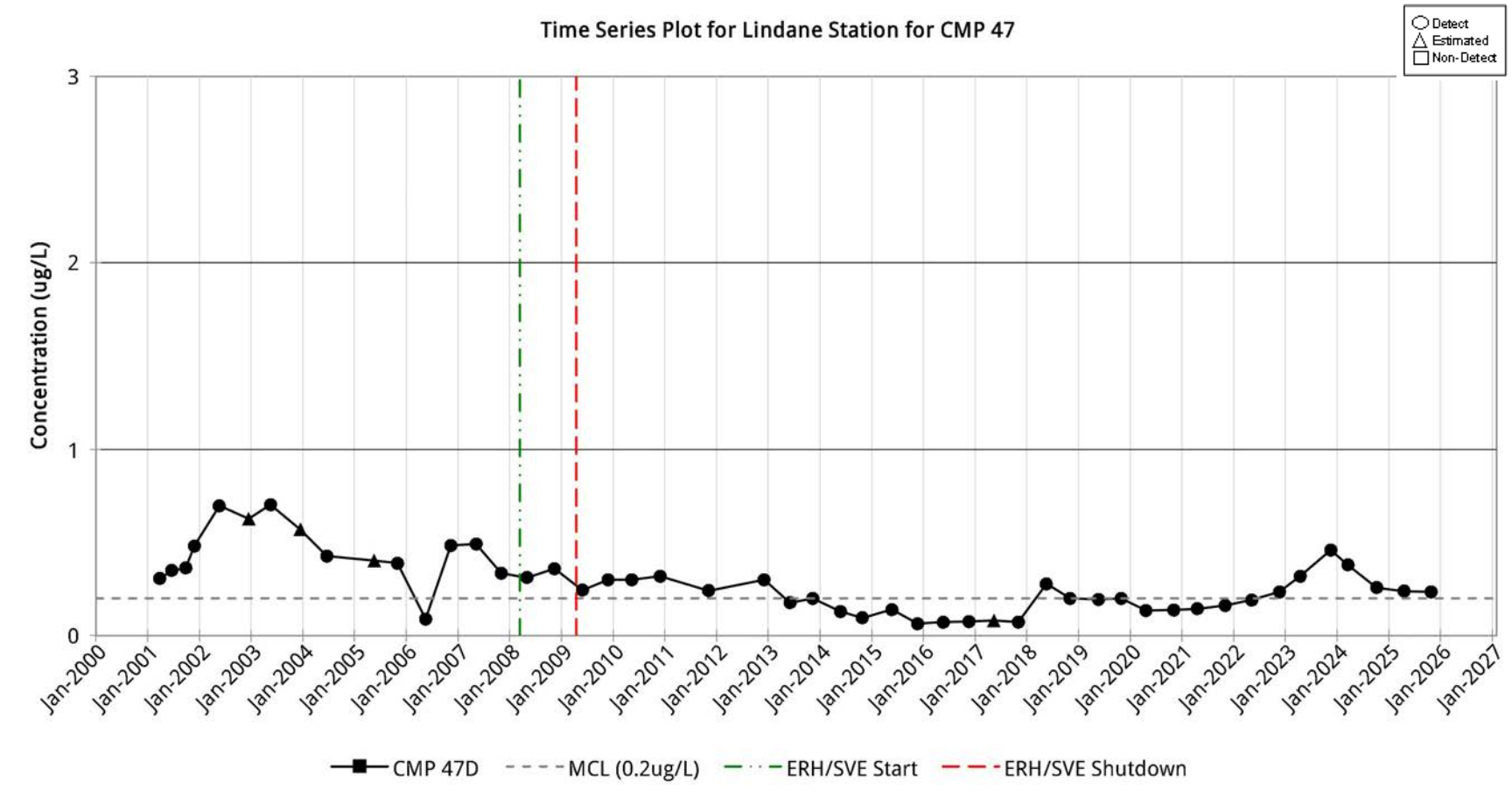

Time Series Plot for Lindane Station for CMP 41
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 41D
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

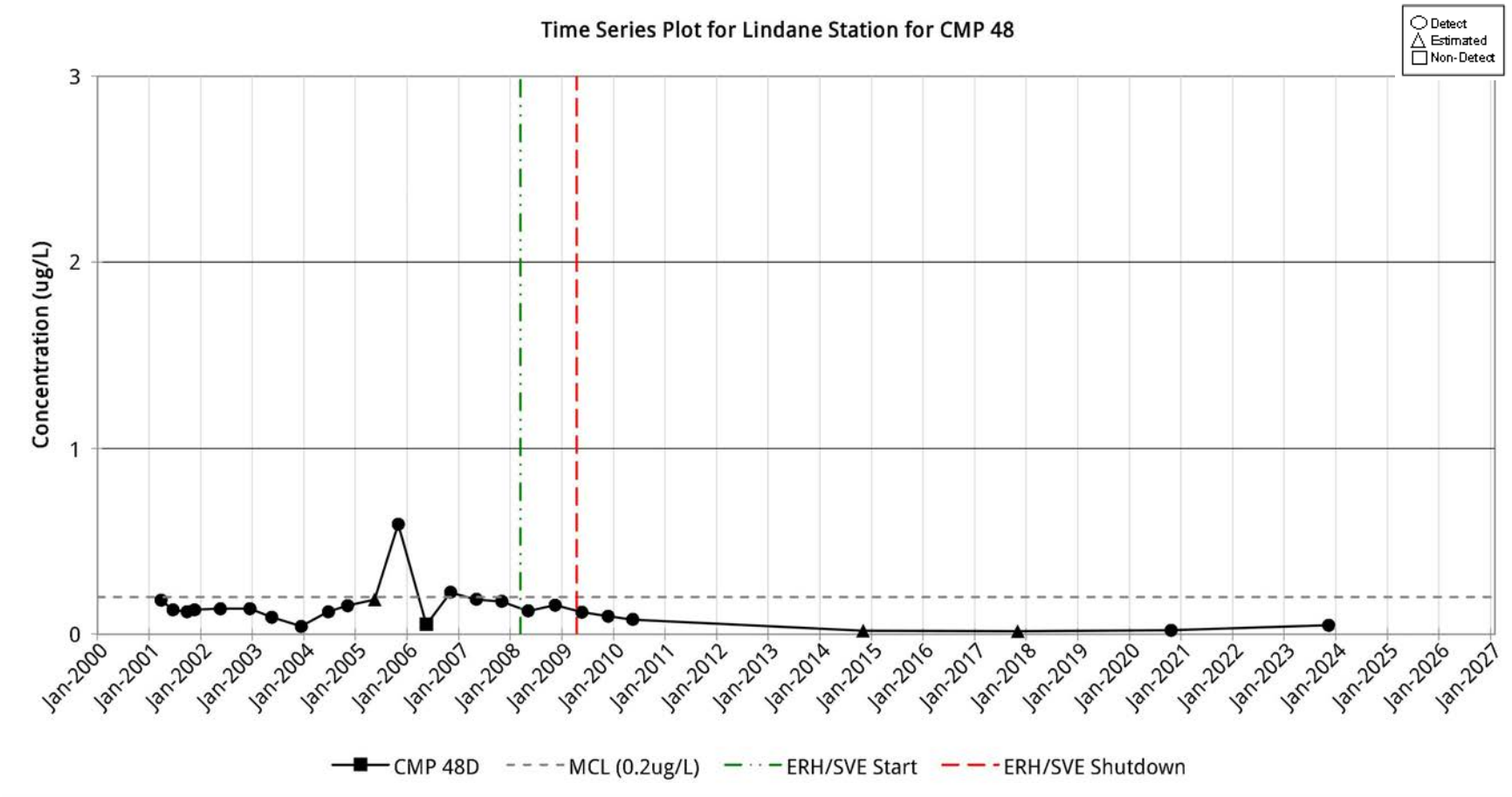

Time Series Plot for Lindane Station for CMP 43
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 43D
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

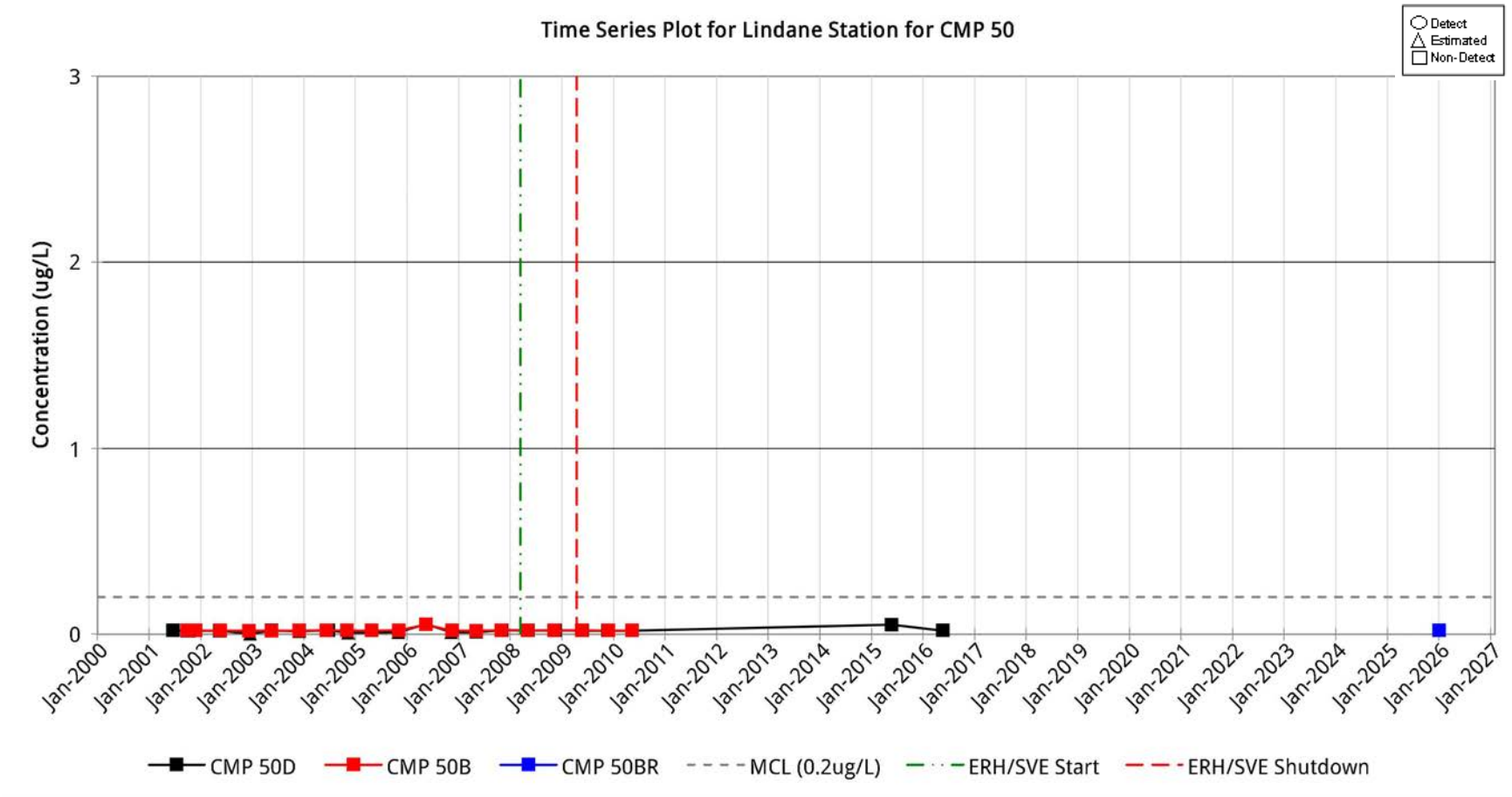

Time Series Plot for Lindane Station for CMP 44
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 44D
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

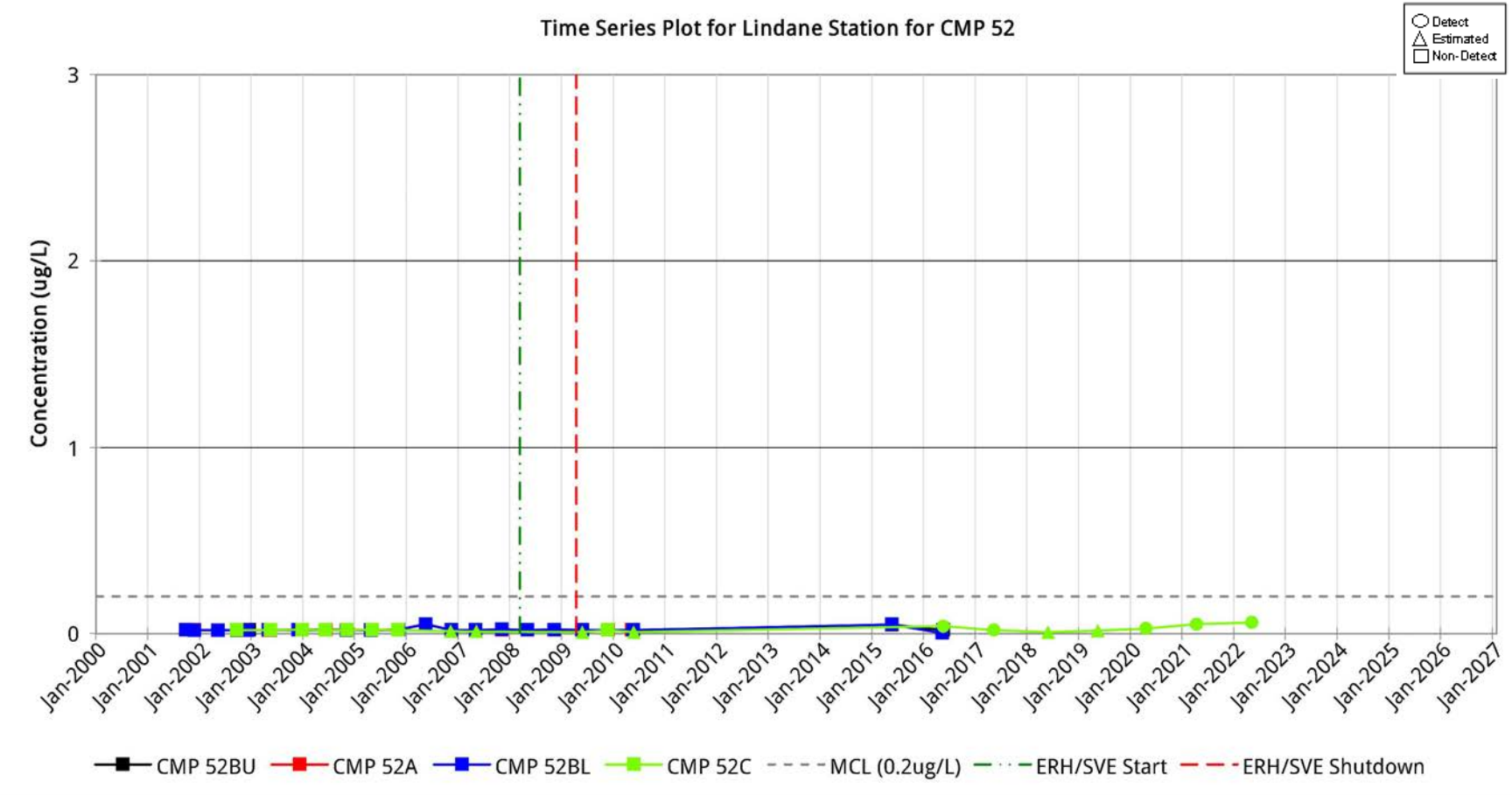

Time Series Plot for Lindane Station for CMP 45
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 45D
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

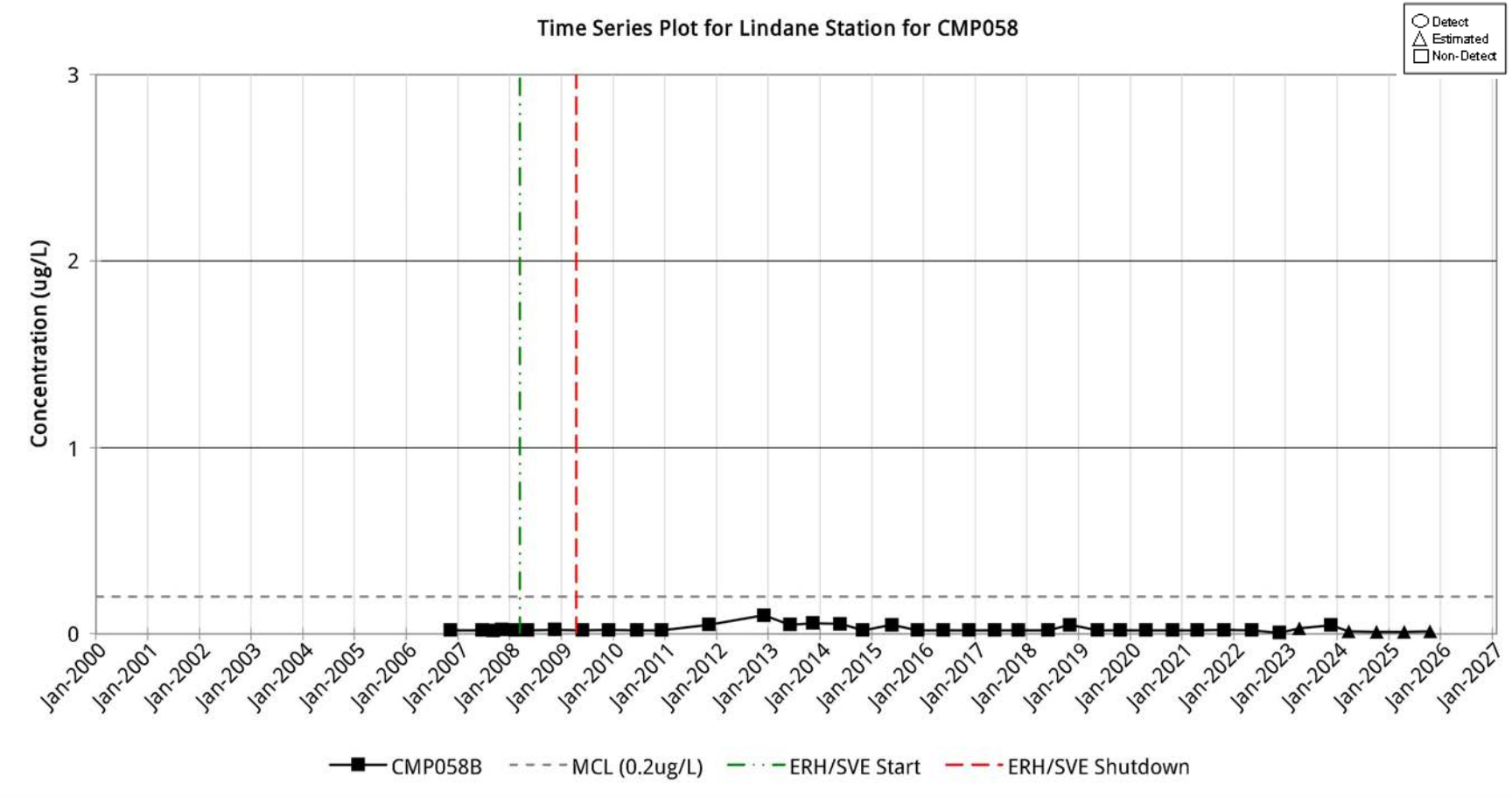

Time Series Plot for Lindane Station for CMP 46
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 46D
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

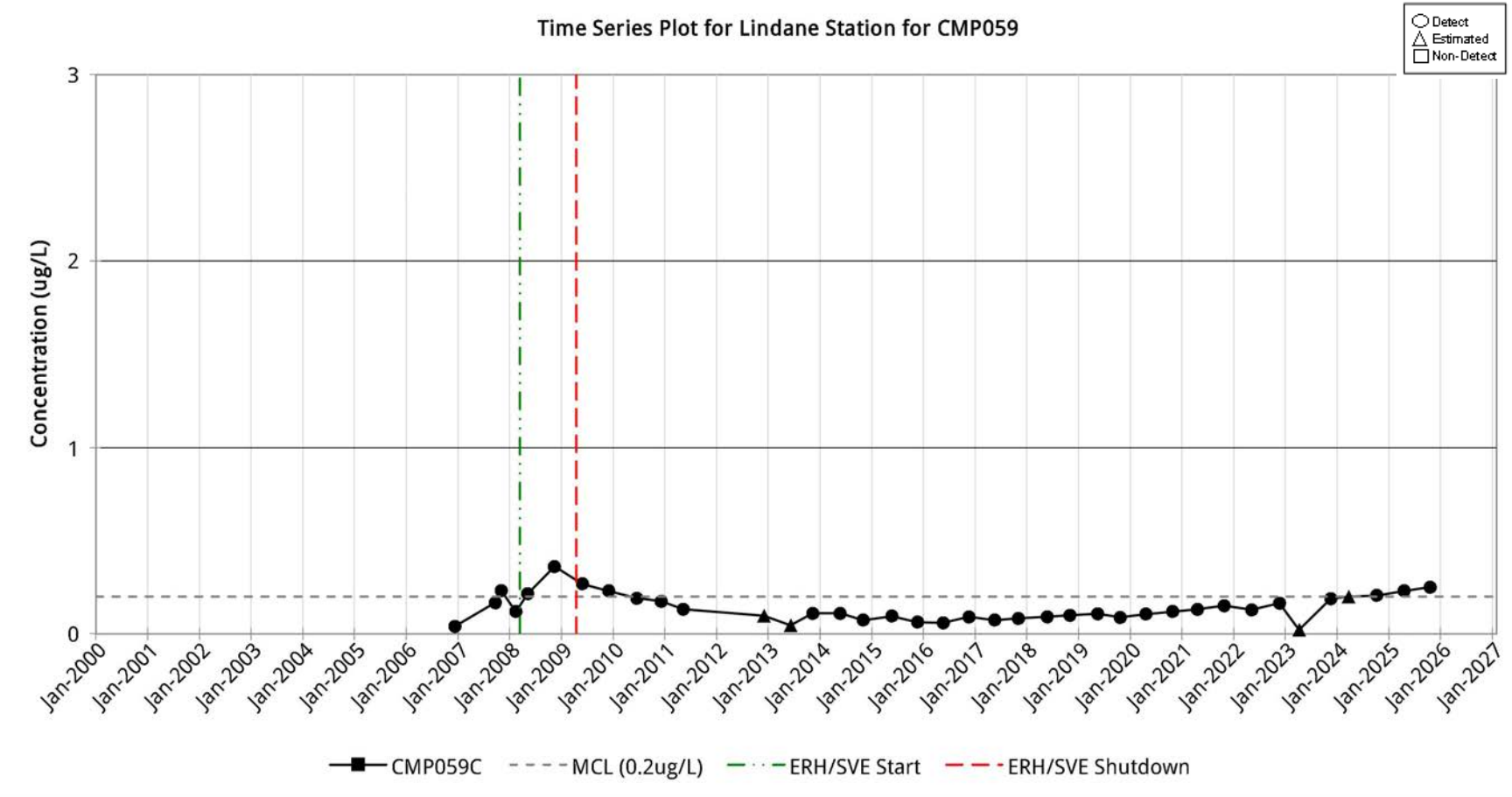

Time Series Plot for Lindane Station for CMP 47
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 47D
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

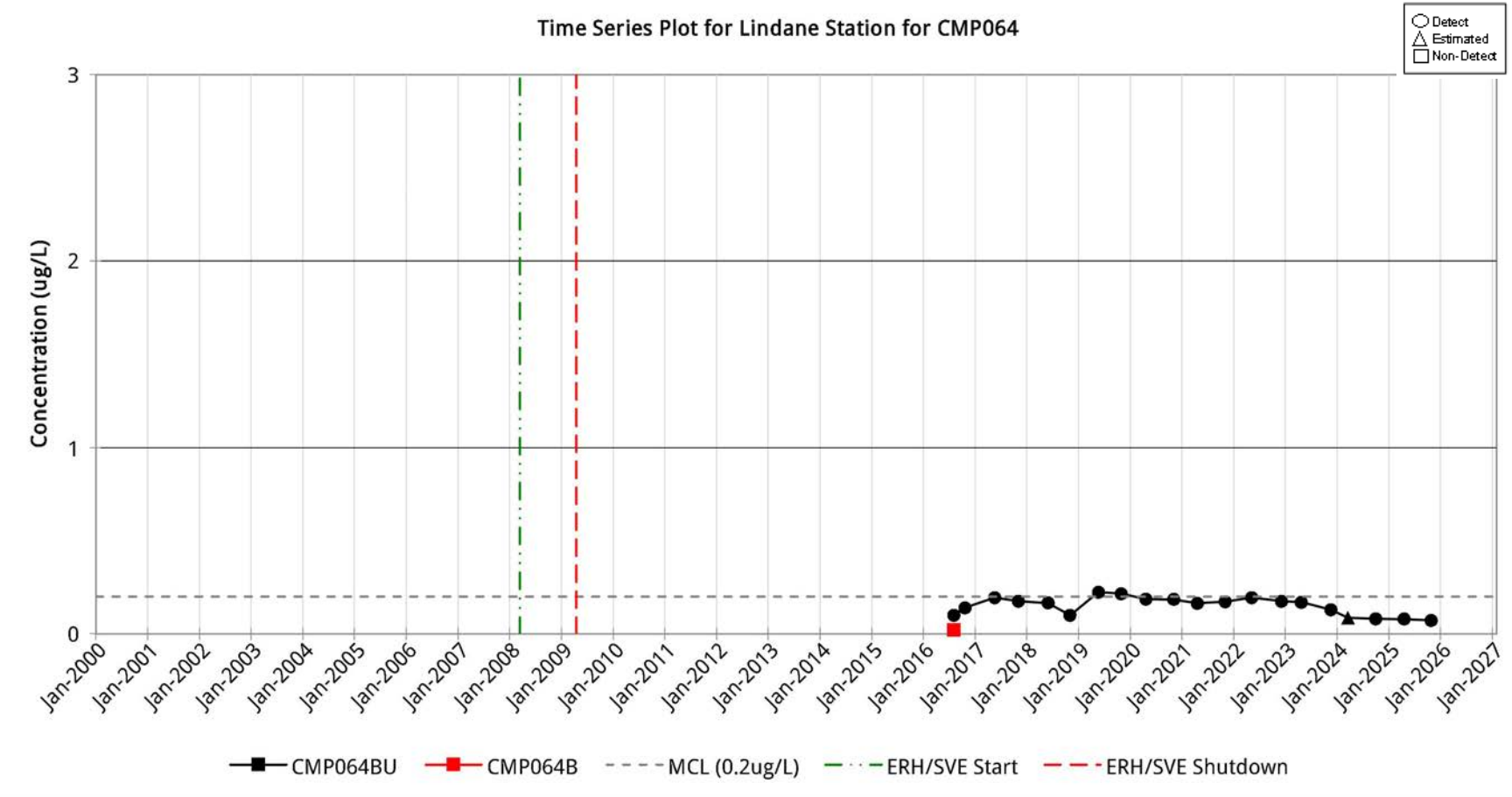

Time Series Plot for Lindane Station for CMP 48
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 48D
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

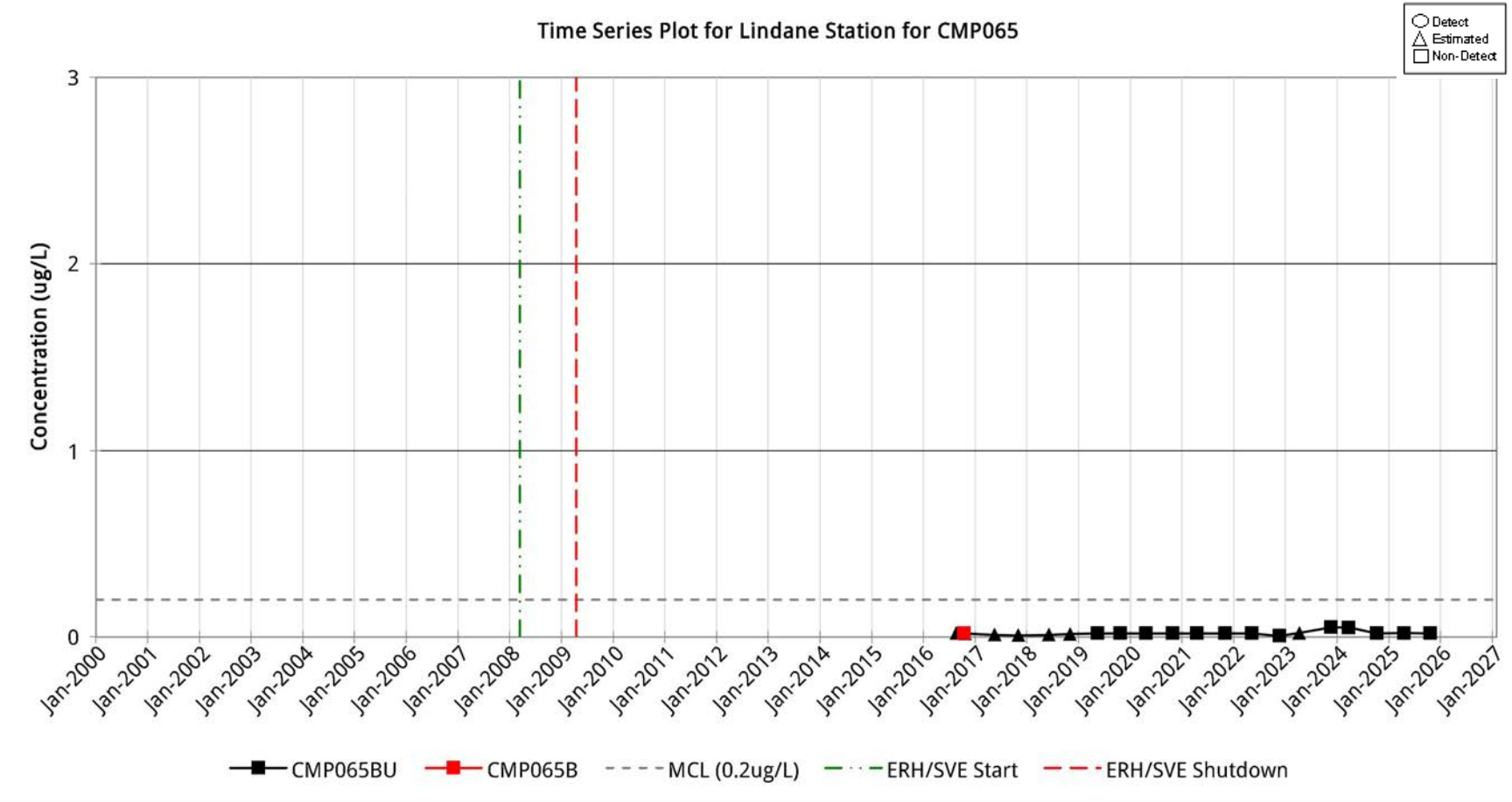

Time Series Plot for Lindane Station for CMP 50
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 50D
CMP 50B
CMP 50BR
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

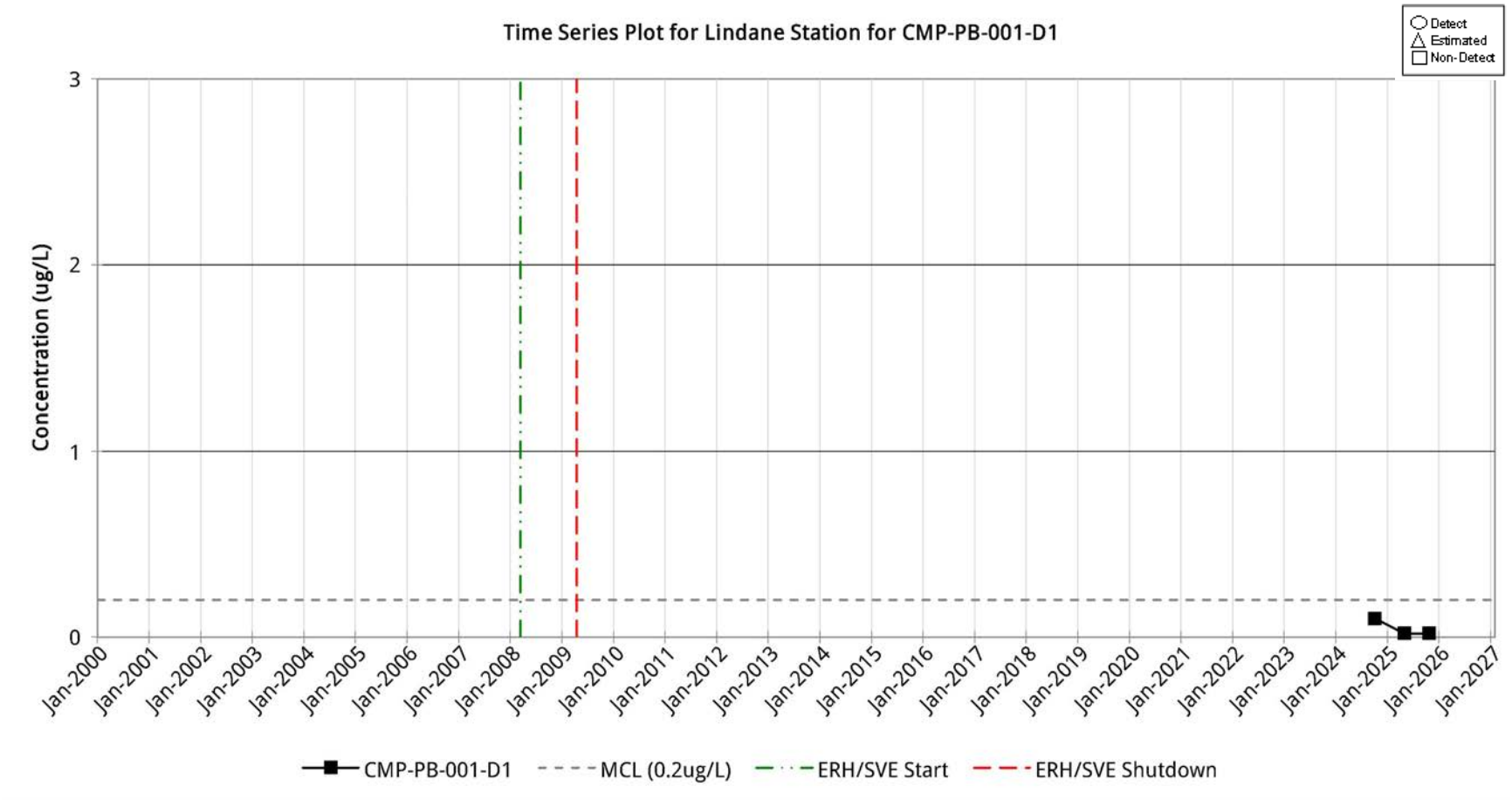

Time Series Plot for Lindane Station for CMP 52
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP 52BU
CMP 52A
CMP 52BL
CMP 52C
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

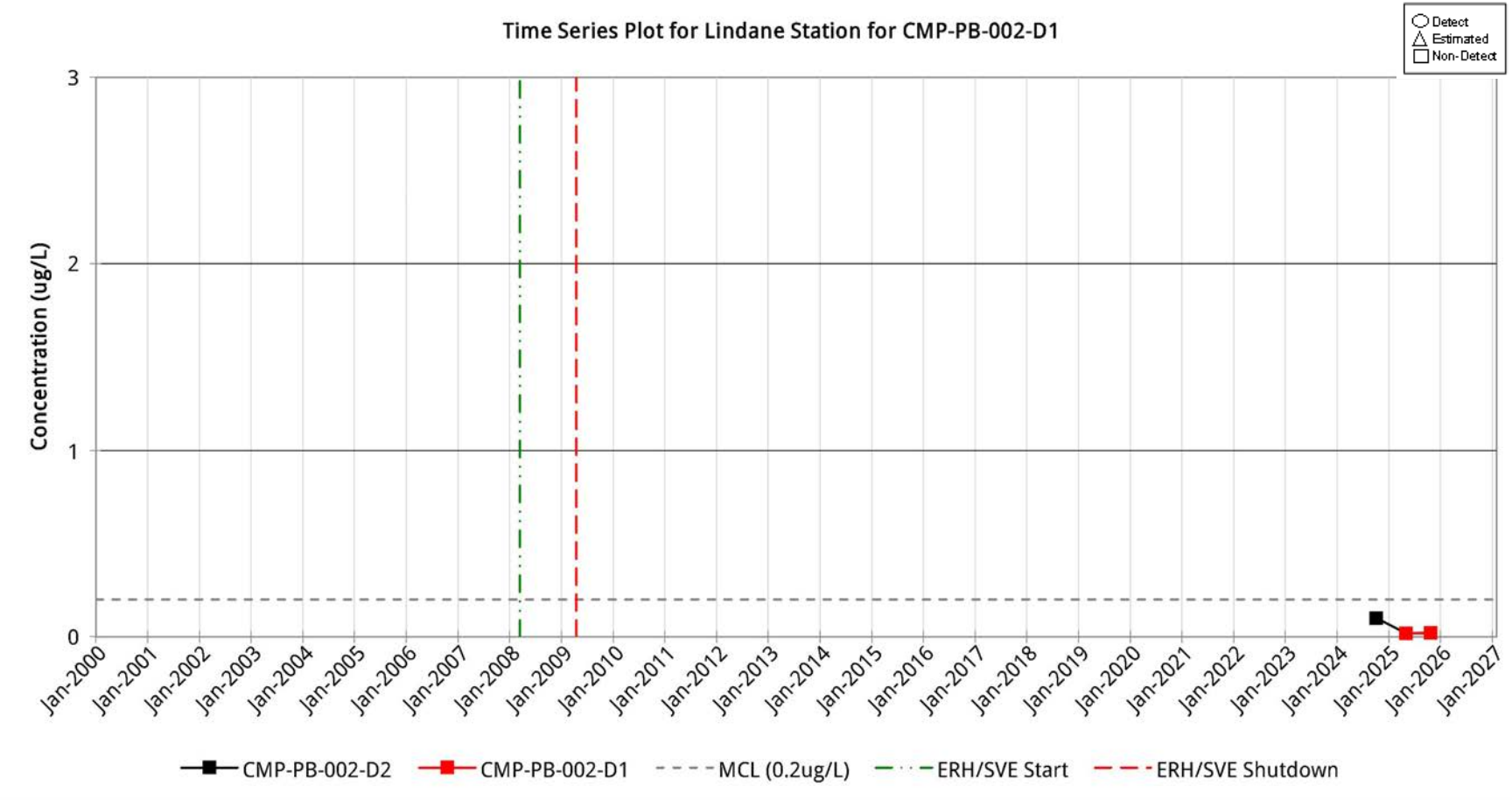

Time Series Plot for Lindane Station for CMP058
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP058B
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

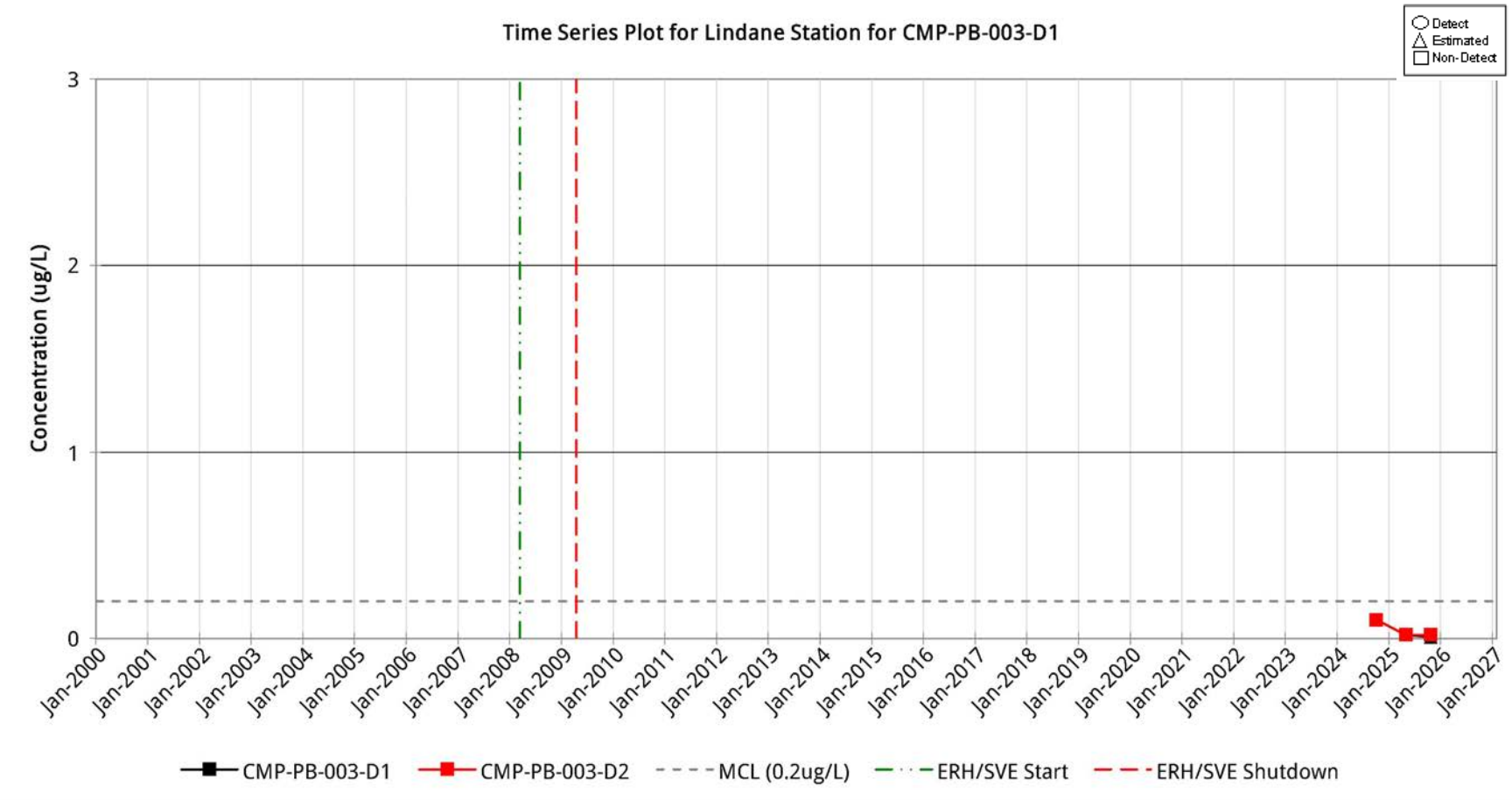

Time Series Plot for Lindane Station for CMP059
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP059C
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

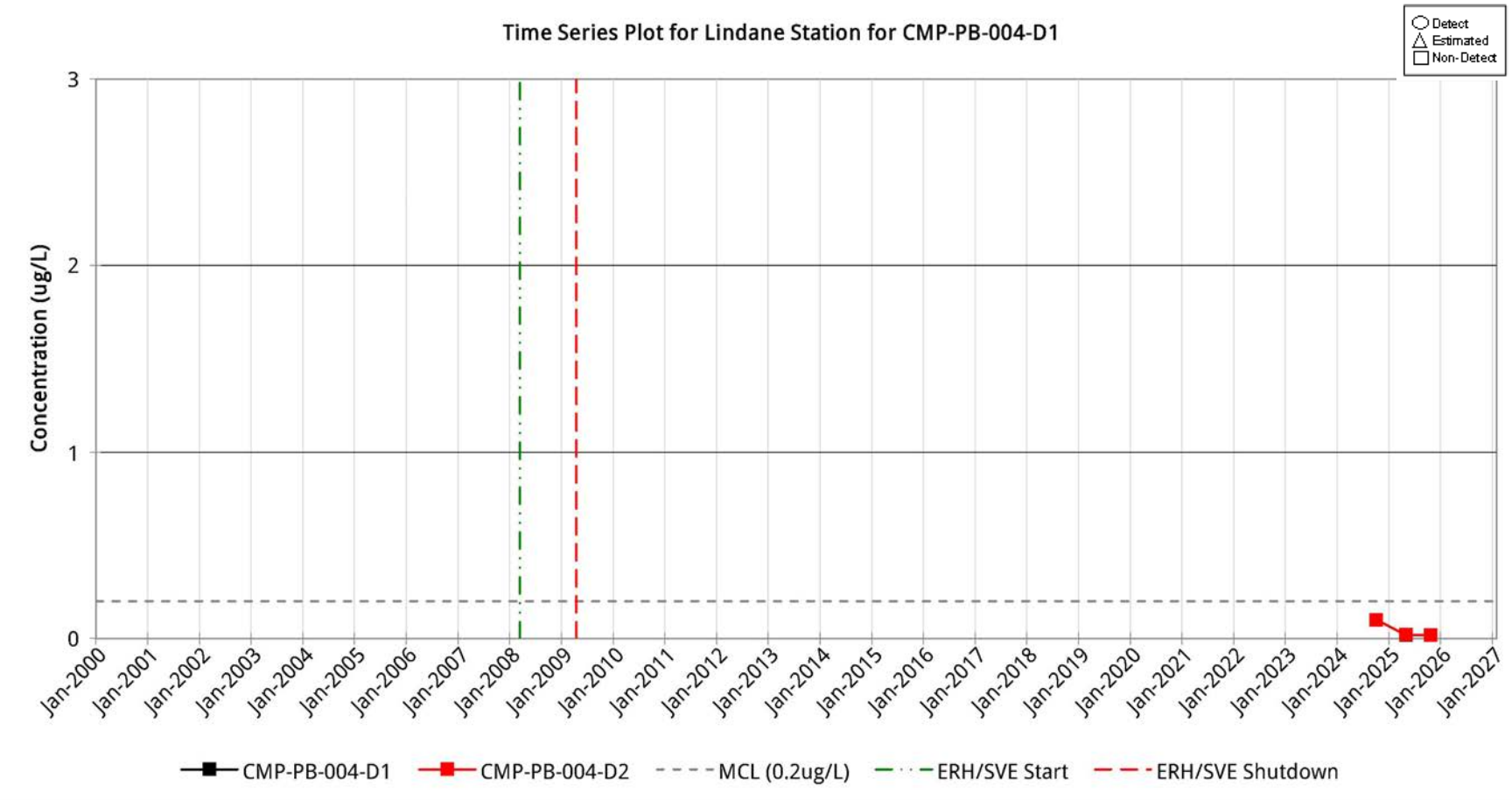

Time Series Plot for Lindane Station for CMP064
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP064BU
CMP064B
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

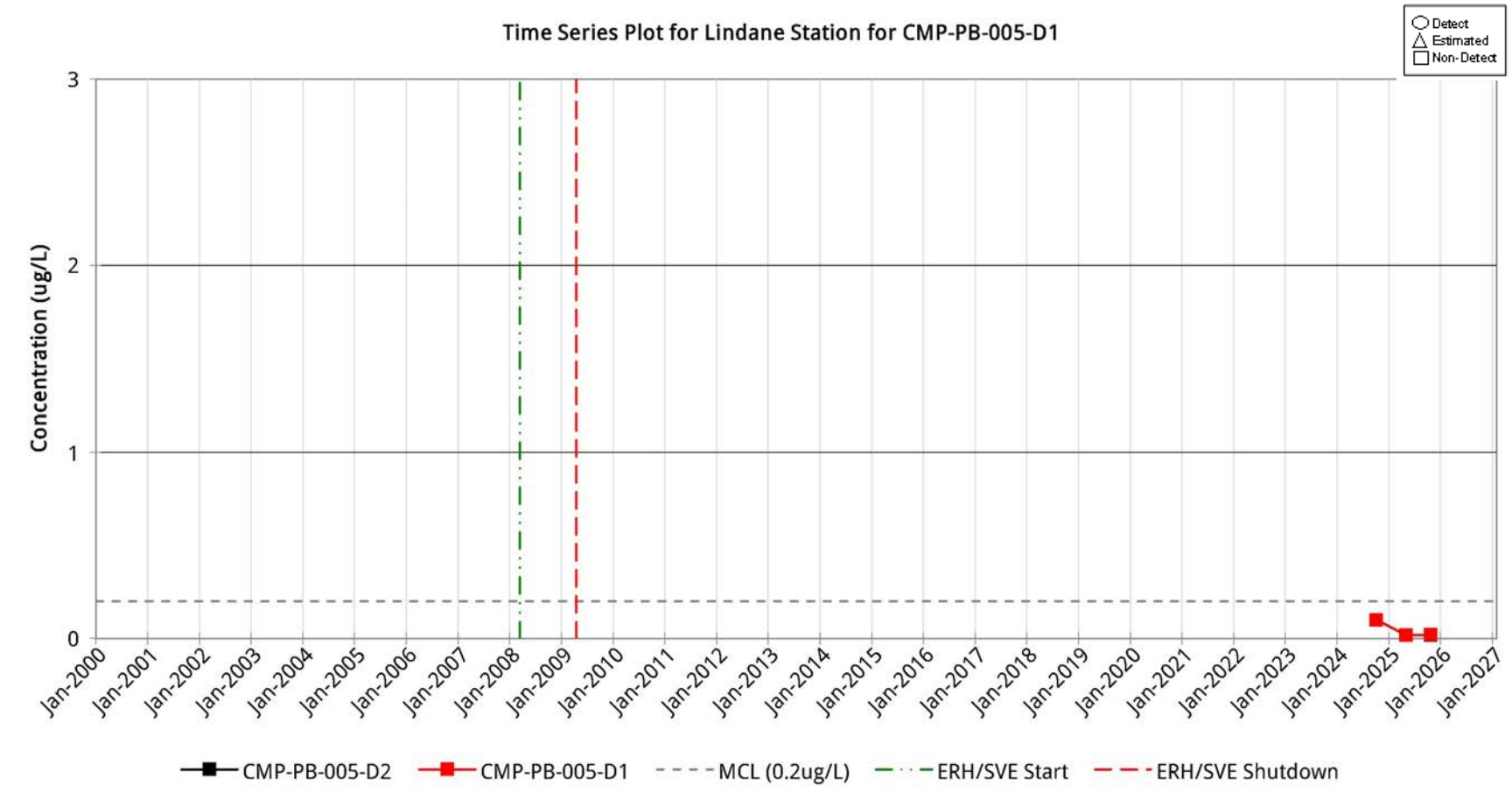

Time Series Plot for Lindane Station for CMP065
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP065BU
CMP065B
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown

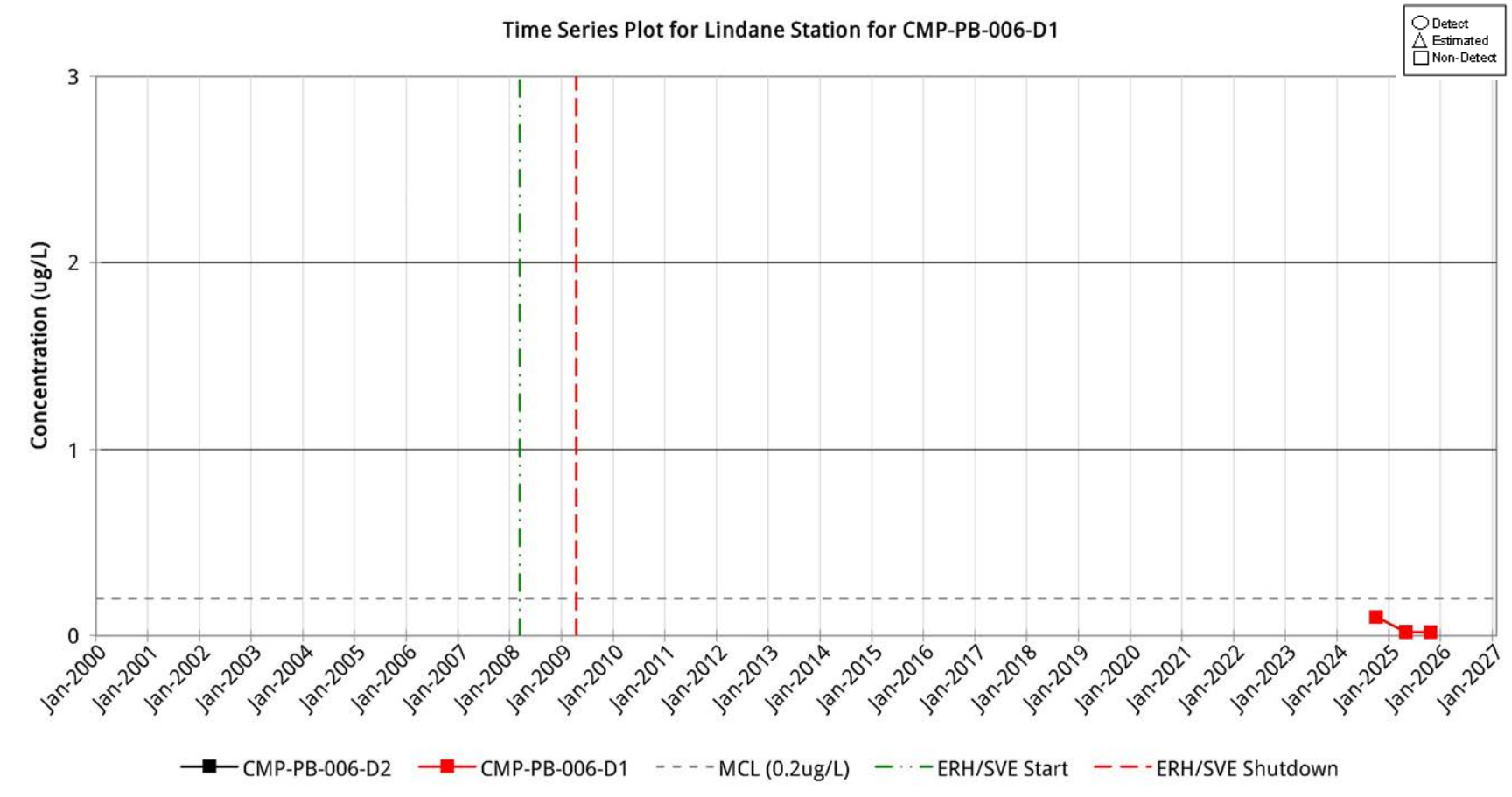

Time Series Plot for Lindane Station for CMP-PB-001-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
Jan-2024
Jan-2025
Jan-2026
Jan-2027
CMP-PB-001-D1
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown


Time Series Plot for Lindane Station for CMP-PB-002-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
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
Jan-2027
CMP-PB-002-D2
CMP-PB-002-D1
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown


Time Series Plot for Lindane Station for CMP-PB-003-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
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
Jan-2027
CMP-PB-003-D1
CMP-PB-003-D2
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown


Time Series Plot for Lindane Station for CMP-PB-004-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
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
Jan-2027
CMP-PB-004-D1
CMP-PB-004-D2
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown


Time Series Plot for Lindane Station for CMP-PB-005-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
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
Jan-2027
CMP-PB-005-D2
CMP-PB-005-D1
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown


Time Series Plot for Lindane Station for CMP-PB-006-D1
Detect
Estimated
Non-Detect
Concentration (ug/L)
3
2
1
0
Jan-2000
Jan-2001
Jan-2002
Jan-2003
Jan-2004
Jan-2005
Jan-2006
Jan-2007
Jan-2008
Jan-2009
Jan-2010
Jan-2011
Jan-2012
Jan-2013
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
Jan-2027
CMP-PB-006-D2
CMP-PB-006-D1
MCL (0.2ug/L)
ERH/SVE Start
ERH/SVE Shutdown