ARF-024067

Savannah River
NUCLEAR SOLUTIONS℠
FLUOR • NEWPORT NEWS NUCLEAR • HONEYWELL

United States Department of Energy

Savannah River Site

Treatability Study Data Report for Groundwater Injection and Discharge Canal Neutralization at the D-Area Groundwater Operable Unit (OU) (U)

2022 Data and Information

SEMS Number: 63

SRNS-TR-2023-00009

Revision 0

January 2023

DISCLAIMER

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

TABLE OF CONTENTS

LIST OF FIGURES

LIST OF TABLES

LIST OF APPENDICES

LIST OF ACRONYMS AND ABBREVIATIONS

bgs	below ground surface
$CaCO_3$	calcium carbonate
CPRB	Coal Pile Runoff Basin
DAG	D-Area Groundwater
DCSA	D-Area Coal Storage Area
ft	feet
gpm	gallons per minute
m	meters
MCL	maximum contaminant level
OU	operable unit
PFAS	per- and polyfluoroalkyl substances
RSER/EE/CA	Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis
SCDHEC	South Carolina Department of Health and Environmental Control
SRNS	Savannah River Nuclear Solutions LLC
SRS	Savannah River Site
USEPA	U.S. Environmental Protection Agency
UTRA	Upper Three Runs aquifer

This page is intentionally left blank.

1.0 INTRODUCTION

The Savannah River Site (SRS) has continued implementation of a groundwater treatability study in D Area to reduce the acidic conditions in groundwater (Savannah River Nuclear Solutions, LLC [SRNS] 2019a). The acidic conditions were caused by the storage of coal in the former 484-17D D-Area Coal Storage Area (DCSA), and the subsequent runoff into the 489-D Coal Pile Runoff Basin (CPRB). This data report summarizes all actions and data that have been taken during 2022 as presented and required in the *Treatability Study Work Plan for Groundwater Injection and Discharge Canal Treatment at the D-Area Groundwater (DAG) Operable Unit (OU)* (SRNS 2019a) and subsequent data reports (2020 DAG OU Data Report [SRNS 2021a]; 2021 DAG OU Data Report [SRNS 2022a]).

The coal-fired 484-D Powerhouse provided electricity and steam for the D-Area facilities and other areas at SRS. The power plant was put into operation in 1952. The major ancillary facilities associated with the powerhouse are the former DCSA, the 489-D CPRB, and four ash basins (Figure 1). For over 60 years, the DCSA was a staging area for coal prior to its use in the powerhouse. Exposure of the coal to rainwater caused the degradation of iron sulfide (pyrite; a mineral commonly found in coal) to sulfuric acid. As a result, the soils underneath the DCSA, associated storm water runoff, and groundwater underlying the area have been acidified. Due to acidic conditions, metals were leached from the coal and the natural soil minerals in the underlying soils in the vadose zone and aquifer. This has resulted in a metals (such as beryllium) and sulfate groundwater plume in the Upper Three Runs Aquifer (UTRA) (Figures 2 and 3). Currently, acidic groundwater outcrops into the D-Area Effluent Discharge Canal at pH levels generally below 4.

Although maintenance actions conducted in 2012 and 2013 removed virtually all of the coal present at the DCSA, the vadose zone soils beneath the DCSA remained acidified. To address the vadose zone soils, a Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) was submitted in 2019 to describe a non-time critical removal action for neutralization of the soils to a depth of 1.2 meters (m) (4 feet [ft)] at the DCSA (SRNS 2018). This removal action was completed in 2020 with subsequent soil pH sampling completed in the summer of 2022. A Removal Action Report, summarizing the removal action and pH adjustment of the vadose zone soils, was submitted in December 2022 (SRNS 2022b).

This treatability study is designed to address the continuing acidic conditions in the shallow groundwater beneath the DCSA and 489-D CPRB as well as the discharge to surface water in the D-Area Effluent Discharge Canal.

2.0 PROJECT DESCRIPTION

The vadose zone and groundwater within the upper water table aquifer beneath the DCSA and the 489-D CPRB are impacted by low pH conditions (< pH of 4) that are expected to last for decades under natural groundwater conditions. The low-pH groundwater is currently outcropping into the D-Area Effluent Discharge Canal, which later converges with Beaver Dam Creek and flows through the Savannah River floodplain to the Savannah River. If the pH of the aquifer can be raised to more normal, less acidic conditions, the groundwater and surface water conditions in the D-Area Effluent Discharge Canal would improve.

This study is testing the viability of an approach to remediation that contains two relatively simple elements:

- Add higher pH, potable groundwater sourced from production wells in D Area into the water table aquifer upgradient of the low-pH, metals, and sulfate plumes using injection wells. The injected production well water is naturally buffered which will aid in the neutralization of acidic conditions currently present in the water table aquifer. The injected production well water will also create a hydraulic head that will displace the low-pH groundwater within in the aquifer.
- Treat the low-pH surface water that outcrops into the D-Area Effluent Discharge Canal by adjusting the pH with calcium carbonate ($CaCO_3$) reactive structure(s).

A general schematic of the DAG OU treatability study is provided in Figure 4.

Injection of Production Well Water

Two potable water production wells (PW 3D and PW 136D) are in D-Area northwest of the 484-D Powerhouse. Both production wells were used for operations and are screened approximately 154 - 188 m (508 - 618 ft) below ground surface (bgs) within the McQueen Branch Aquifer. These production wells produce groundwater with a pH of approximately 6.0 to 6.5 containing low, but measurable, levels of carbonate alkalinity. Injecting this water into the upper water table aquifer upgradient of the low-pH, metals, and sulfate plumes will create a hydraulic head and increase groundwater flow velocity horizontally to displace the low-pH groundwater currently present in the aquifer. The alkalinity will buffer the system and partially neutralize acidity in the aquifer. Both production wells are artesian and produce over 60 gallons per minute (gpm) each without the use of pumps. The well head pressure of the wells is approximately 5 to 10 pounds per square inch and supports enough flow and pressure to deliver large volumes of water to the proposed injection field as shown by artesian well flow testing conducted in 2019 on both production wells (SRNS 2021a) as well as the ongoing performance of the groundwater injections and flow from the production well PW 136D.

The production well water has been piped to the DCSA and 489-D CPRB and is being injected into the upper water table aquifer with a series of injection wells (Figure 7). A portion of the injection well field has been installed and is described in Section 5.1. Creating a water mound approximately 1.5 m (5 ft) above current conditions is expected to increase the volume of groundwater outcropping into the D-Area Effluent Discharge Canal. It is expected that the production wells can supply enough water to fill the pore space volume (the space between the sediment grains in the vadose zone) to create the 1.5 m (5 ft) water mound in approximately 100 days. The pore space volume was calculated by multiplying the surface area of the DCSA and the 489-D CPRB by the proposed rise in water elevation (1.5 m [5 ft]) by the porosity (30%) and converting to gallons. A total of approximately 19 million gallons is estimated to be needed to raise the water table 1.5 m (5 ft). Based on aqueous chemical equilibrium modeling software, a total of 10 pore space volumes of injected potable groundwater could significantly displace and raise the pH levels in the upper water table within a three-year study period. The production wells are expected to support the groundwater injection study in addition to future remedial activities if needed (SRNS 2016a).

Although the water table is expected to rise approximately 1.5 m (5 ft) into the vadose zone, groundwater injection is not intended to be the only treatment for the vadose zone and is not expected to remove all of the acidity from the vadose zone. However, the production well water to be injected within the upper water table aquifer is anticipated to provide an important, but small, buffering interaction to mitigate the low-pH groundwater. The DCSA RSER/EE/CA action that added neutralization amendments to the vadose zone soils (SRNS 2018) is intended to reduce acidity in the vadose zone source that has contributed to groundwater contamination. Due to the higher water table condition created by injection, acidity is expected to be gradually released from the now-saturated lower vadose zone soils. However, the lower vadose zone soils that will not become saturated (i.e, remaining above the elevated water table) are not expected to be neutralized or have much change in pH as a result of the groundwater injection treatability study. The lower vadose zone will eventually see the buffering effects of the upper vadose zone amendments through their dissolution and infiltration over time. The combined (or synergistic) effects of the two actions will be apparent from the measurement of the parameters described in the Treatability Study Work Plan and the DCSA RSER/EE/CA (SRNS 2018), and the regular DAG OU groundwater and surface water monitoring that occur concurrently.

<u>Reactive Structures in D-Area Effluent Discharge Canal</u>

An increase in the amount of acidic water outcropping into the D-Area Effluent Discharge Canal is expected to occur as groundwater elevations rise and low-pH groundwater is displaced. Titration test results using surface water from the D-Area Effluent Discharge Canal indicate that contact of surface water with a high purity $CaCO_3$ reactive structure will raise the pH of the surface water to over 6.0 (SRNS 2016b). Figure 5 shows the carbonate consumption rates associated with the neutralization of the sulfuric acid and illustrates a titration curve of the test. Although the installation of one reactive structure should be sufficient to raise the pH of the surface water, two reactive structures were installed to further ensure pH adjustment is sufficient over time. $CaCO_3$ marble chips, placed within the stream in two sections downgradient of the acidic groundwater discharge point within the D-Area Effluent Discharge Canal, are expected to allow enough contact time with the surface water for pH adjustment to natural conditions (Figure 4, 5, and 6). The use of high purity $CaCO_3$ (typically greater than 90% $CaCO_3$) limits the introduction of undesirable materials into the surface water (silt, clay, reactive minerals, etc.). The description of installation and the data collected to date associated with the $CaCO_3$ reactive structures are summarized in Section 5.2.

3.0 TEST OBJECTIVES

The objective of this treatability study is to determine the effectiveness of injecting higher-pH potable groundwater to:

- Displace the acidic groundwater out of the upper water table aquifer of the UTRA in the vicinity of and downgradient of the DCSA and 489-D CPRB to improve the aquifer conditions (increase the pH) and reduce or eliminate the dissolved metal groundwater plumes.
- Increase the pH level of the D-Area Discharge Canal surface water with $CaCO_3$ reactive structures prior to discharge into Beaver Dam Creek and the Savannah River floodplain and Savannah River.

The results of the treatability study will be used to support the development of the DAG OU Corrective Measures Study/Feasibility Study, currently scheduled to be submitted by March 10, 2026.

Monitoring of water table elevations and pH measurements in surrounding monitoring wells and streams, as well as metal analyses of groundwater and surface water, will be used to determine the impact of the production well water injections. Stream flow measurements will document any increases in flow in the D-Area Discharge Canal from the groundwater injections.

4.0 SAMPLING AND ANALYSIS

Measurements of water table elevations, stream flow, pH, and sample collection for metal analyses in surface water and/or groundwater are conducted following the SRS *3Q1 Manual:*

Environmental Requirements and Program Documents, *Procedure 9015: Sampling Groundwater Monitoring Wells, Tanks/Vessels (Sample Ports or Spigots) and Surface Water* (SRNS 2019b).

Table 1 includes the stations that are to be monitored and identifies the sampling frequency and constituents that will be monitored. Figure 12 shows the locations of the monitored stations. A total of 32 wells and 10 surface water stations outside of the injection field are being monitored. Twenty monitoring wells and all 10 surface water stations will include metals, pH, and other routine field analyses.

A potentiometric surface map of the UTRA during second quarter (2Q)2022 is provided in Figure 16 and a pre-injection water elevation map from 2Q2020 is provided for comparison in Figure 17. Water elevations dropped overall in D-Area in 2Q2022 from the 2Q2020 surfaces; however, the water elevations in the area around the DCSA and 489-D CPRB remained the same. Water elevations were measured on a monthly basis for the first eight months after groundwater injections begin, then quarterly afterwards. A map of the acidic groundwater with pH data is provided in Figure 2 and a map of the sulfate plume is provided in Figure 3.

Stream flow measurements will be collected at all surface water station locations within the D-Area Effluent Discharge Canal and the tributary to the east where safely accessible. Groundwater and surface water samples will be monitored for the metals included in the DAG OU monitoring program. Monitoring will also include field pH measurements and other routine field measurements (i.e., oxidation/reduction potential, dissolved oxygen, specific conductance, total alkalinity [as $CaCO_3$], turbidity, water temperature, and water elevation [at wells]).

One round of sampling occurred in 2Q2020 for baseline data before production well water injections began. These data were supplied in the 2020 DAG OU Treatability Study Data Report (SRNS 2021a). Groundwater injections began in March 2022 after preliminary testing of the injection wells. Monthly groundwater elevation measurements were conducted and hydrographs of the data are provided in Appendix A, Table A-1. Analytical sampling of monitoring wells and surface water stations were conducted during 2Q, third quarter (3Q), and the fourth quarter (4Q)2022 after the groundwater injections began. Monthly sampling continued to be conducted at the reactive structures at surface water stations DSWM-8, DSWM-8A, and DSWM-9. All 2022 analytical and field data are provided in Appendix A, Table A-1 and discussed in Sections 5.1 and 5.2.

Any adjustments needed to the monitoring based on field conditions or monitoring results will be discussed with the United States Department of Energy Savannah River, United States Environmental Protection Agency (USEPA), and South Carolina Department of Health and Environmental Control (SCDHEC) and approved prior to implementation. The 2Q and 4Q DAG OU monitoring will not be impacted by the treatability study and will continue as normally scheduled. As field conditions warrant, adjustments such as varying injection flow rates or well re-development could also be employed. Any permanent discontinuation of an injection well will be communicated with USEPA and SCDHEC.

5.0 TREATABILITY STUDY PROGRESS AND DATA

Due to the discovery of unfavorable injection sediments within the UTRA, potential interferences with deactivation & decommissioning (D&D) activities in D Area, and delays in field personnel availability due to Covid-19 management practices, a stepped approach has been taken with implementation of the DAG OU treatability study. Ten injection wells have been installed; five were installed during 2020 (DGI007, DGI010, DGI014, DGI016, and DGI019), and five were installed during 2021 (DGI011, DGI012, DGI013, DGI015, and DGI017) (Figure 7). A letter with the request to operate as part of the Underground Injection Control Permit, including the well installation reports, was submitted to SCDHEC and copied to USEPA after installation of the 10 injection wells (SRNS 2011b). The injection wells were originally planned to be screened within the upper water table aquifer at approximately 3.7 – 9.8 m (12 – 32 ft bgs). However, due to the abundance of clays, sandy clays, and silty sands, especially near the DCSA, the wells were installed deeper within the mid to lower zone of the UTRA (Table 2). A cross-sectional view of the sediments including all 10 installed injection wells is shown in Figures 8 and 9. Additionally, the two $CaCO_3$ reactive structures were installed within the D-Area Effluent Discharge Canal in 2020. Ongoing monthly monitoring of pH and metal analyses within the D-Area Effluent Discharge Canal is performed upgradient, between, and downgradient of the $CaCO_3$ reactive structures to determine the efficacy of both the $CaCO_3$ material and structure design. Before groundwater injections began, SRS collected per- and polyfluoroalkyl substances (PFAS) samples from both production wells PW 3D and PW 136D on December 17, 2021. Samples were analyzed using method EPA533 for 25 constituents. Results from both wells were non-detect for all PFAS constituents. The complete sample results are provided in Appendix A, Table A-2. Details on each portion of the treatability study project are provided below.

5.1 Injection Piping System

Due to Covid-19 related delays and material supply issues, the procurement and installation of the piping system did not start until December 2021. The main piping system consists of 6-inch and 4-inch HDPE (high-density polyethylene) pipes and the installation was completed on February 24, 2022. Figure 7 shows the general layout of the piping system from PW 136D to the injection wells, Figure 10 displays the installation of the piping system, and Figure 11 displays the typical piping setup at the injection wells.

Preliminary testing of the injection wells with the piping system was conducted in February 2022. The artesian water flow was tested through the entire length (approximately 1,128 m [3,700 ft]) of piping. The February 2022 test involved leak testing of the pipe system and ground surface discharge of the water at the end of the piping line which is located past injection well DGI019.

Preliminary injection testing of 11 individual injection wells was conducted on March 14, 2022. At DCB 2A, due to the smaller diameter well construction (4 inches vs 6 inches), smaller screen slot size than the other injection wells, and a shallower screen zone (starting at 5 ft bgs), unrestricted groundwater injections at well DCB 2A cause water to flow around the well casing and within the vadose zone and bubble up to the surface. It was determined that the injection flow rate at DCB 2A has to be lowered to prevent surface discharge of the injected water. The following injection rates were obtained after five minutes of injection testing into the individual wells:

- DGI 007: 26 gpm
- DGI 010: 26 gpm
- DGI 011: 5 gpm
- DGI 012: 2 gpm
- DGI 013: 30 gpm
- DGI 014: 23 gpm
- DGI 015: 32 gpm
- DCB 2A: 6 gpm (without visual surface discharge)
- DGI 016: 6 gpm
- DGI 017: 30 gpm
- DGI 019: 25 gpm

After completion of the initial testing at each of the injection wells, continuous groundwater injection into all 11 wells at once was initiated on March 21, 2022. Initially the injection flow rate was targeted at 5 gpm at each well to observe how wells operated over time. The flow is manually throttled as needed via a valve at each well. Inspections are done routinely, which include checking the entire piping system for leaks or damage, recording flow rates at each of the injections wells, and adjusting the flow valve at each injection well as needed to adjust flow to targeted injection rates. Daily inspections were initially conducted from Monday through Thursday for 2 weeks, and then were switched to twice a week afterwards. After 3 weeks, with most of the 11 injection wells continuing to operate at 5 gpm, the target injection rate was increased to 10 gpm. This increase allowed for a near total injection flow rate of approximately 85 gpm which is closer to the original conceptually designed 120 gpm for 21 injection wells.

Figure 14 shows the flow rates for each of the injection wells. The majority of the wells have been able to keep injection rates at or near the targeted 10 gpm setting. As discussed above, well DCB 2A must be throttled down to prevent surface discharge of the injected water. With all the injection wells being utilized at once, keeping the DCB 2A well at an injection rate of approximately 0.5 gpm prevents any surface water discharges. Injection wells DGI012 and DGI013 accept less than 2 gpm and continue to underperform. The continued performance of production well PW 136D indicates that one production well is likely adequate to support all the groundwater injection needs at this time. If needed, production well PW 3D can be added to the system to support future groundwater injections.

Figure 15 shows the cumulative groundwater injection volume. During 2022, a total of approximately 31 million gallons have been injected into the UTRA. It can be observed that the initial estimate of one pore volume or approximately 19 million gallons of water was injected into the 11 available injection wells in about 180 days. Additionally, Appendix B presents the hydrographs at the monitoring wells over the past 10 years. Although a few wells have shown a continued increase in water elevation from the continuous groundwater injections (e.g., DCB 5A, DCB 6, DCB 8, DCB 49) the majority of downgradient wells have not displayed a significant increase in water elevation. It is evident from the hydrographs that the water levels have not increased significantly over the background levels, and not to the anticipated additional 5 feet, as had been conceptualized. However, rainfall during much of 2022 has been below average and could be temporarily offsetting any rises in the water table aquifer. The groundwater injections do appear to have kept the water elevations more stable during this drier period as the water elevations downgradient of the injections (i.e., DCB 5A, DCB 6, and DCB087A) have stayed level instead of dropping as is seen at background well DCB 51A as displayed in the hydrographs in Appendix B. Further water elevation trending will continue to be conducted for analysis.

The recorded pH levels at the monitoring wells are presented in Appendix C. The pH levels also do not show any significant increase after about 300 days of groundwater injection for an overall 31 million gallons injected or approximately 1.8 pore volumes of the conceptual estimate. pH levels remain consistent at wells DCB 4A, DCB 6, DCB 34A/C, and DCB087A (Appendix C). Increases in pH are likely to take additional time as overall buildup of water within the aquifer and movement of the groundwater aquifer be gradual.

Groundwater and surface water metal analyses were conducted quarterly after groundwater injections began. These results, as shown in Table A-1, also do not yet show any significant change in concentrations as a result of the groundwater injections, consistent with lack of changes in observed in pH.

Based on the groundwater injection flow rates and totals observed in Figures 14 and 15 and Appendices B and C, the following overall observations can be made:

1. Groundwater injections are working as conceptualized, though deeper than originally designed based on observed site specific hydrogeologic properties, and the aquifer formation is accepting groundwater without much reduction in injection rates over time.

2. The water levels in downgradient wells have not risen as anticipated, although this may be related in part to the reduced potentiometric surface in D Area that has occurred in 2022.

3. pH levels are not showing significant changes from the background (pre-injection) levels at most monitoring stations.

Based on these observations, the conceptual design was revisited. After preliminary analysis, the following observations were noted:

1. The pore volume calculations might have been underestimated. Based on a visual inspection of Figure 2, the distance to the D-Area Effluent Discharge Canal is approximately 305 m (1,000 ft) and the injection field is about 610 m (2,000 ft) in width (2,000,000 ft^2). Such an area would require about 75 million gallons of water to raise the water level by approximately 5 feet. At an injection rate of 120 gpm total, this will take approximately 1 to 1.5 more years to accomplish.

2. The conceptual design assumed static conditions while estimating the increase in water levels due to groundwater injection into the upper water table aquifer. Actual injection has occurred into the middle to lower portion of the water table aquifer. As lower permeability zones are present above the injection zone, horizontal flow likely dominates, and significant flushing of the upper water table may not be occurring. A more detailed hydrogeologic analysis is recommended to better understand the expected hydraulic response to the current injection regime.

Based on the results of these initial groundwater injections over the last 10 months, an increase in injection flow rates may be achievable in some the injection wells. Potential impacts of increasing rates to the existing permits will be evaluated.

5.2 $CaCO_3$ Reactive Structures

Due to the ongoing and further expected acidic conditions within the D-Area Discharge Canal, two $CaCO_3$ reactive structures were installed during 2020. To perform initial testing of the design and function of the structures, one reactive structure was installed in February 2020. A surface water pH increase was observed with the first structure, and the second reactive structure was installed downgradient of the first structure in October 2020.

Due to the final placement of the reactive structures, a change in the surface water stations initially proposed to monitor pH/metals was appropriate. Surface water station DSWM-8 now monitors upgradient of the first structure (originally DSWM-7), DSWM-8A monitors between the first and second structure (originally DSWM-8), and station DSWM-9 monitors downgradient of the two structures (no change) (Figure 12).

Figure 13 displays the field pH measurements collected monthly upgradient, between, and downgradient of the two $CaCO_3$ reactive structures at these three surface water stations. Surface water pH increases are occurring as water flows through the reactive structures with the pH increasing after each structure. However, during periods of prolonged or heavy rains, stream flow increases and surface water tops over the reactive structures. This is part of the design to not restrict flooding events; however, this consequently reduces the contact time of the surface water with the reactive structures. Additionally, increased sediment and leaf drop litter over the last two years have created a layer of detritus that limits stream flow through the $CaCO_3$ reactive structures and surface water overtops the $CaCO_3$ reactive structures, even in low rainfall periods. As part of the DAG OU Treatability Study, if the pH of the surface water downgradient of the two reactive structures at surface water station DSWM-9 is not raised to or above a pH of 5.0 (during times when surface water is not topping over the reactive structures), then remixing, replacement, and/or reconfiguration of the calcium carbonate material will be evaluated. Only four of the 12 pH measurement events in 2022 were >5. This is not unexpected based on the observed plugging of the system with detritus. Maintenance to remove detritus and remix the existing marble chips that are in place is to be conducted in 2023 to address this reduction in flow through the structures. Subsequent sampling will bolster trending data analyses and help determine if additional actions need to be considered or if redesign is necessary to maximize flow through the structures and meet pH goals.

Appendix A, Table A-1 contains all the surface water data analytical and field results from the 2022 sampling. Some decreases in surface water metal concentrations were observed as a result of the pH changes in surface water. Figure 18 displays concentrations of pH vs aluminum, beryllium, and cobalt at surface water stations DSWM-8, DSWM-8A, and DSWM-9 at the reactive structures. The increases in pH generally cause decreases in surface water metal concentrations.

6.0 DATA COLLECTION AND REPORTING

Data (field measurements, sample results, flow rates, etc.) will continue to be collected and presented in a combination of tabular form, graphs, and time-series plots for calendar year 2023. Maps depicting the water table will also be created and compared to background (pre-injection) levels. SRS will be adding surface water station DSWM-10 to quarterly sampling to allow comparison of pH concentrations and metal concentrations of surface water in Beaver Dam Creek and well DCB 51A for a true background location comparison. The location of station DSWM-10 is downstream of station DSWM-9 and well DCB 51A is located to the northeast in D Area. Both stations are displayed in Figures 2 and 3. To allow for the analysis and interpretation of calendar year 2023 data, SRS recommends that the next report be submitted by April 30, 2024.

7.0 SUMMARY

Baseline sampling was conducted for the treatability study monitoring network in 2Q2020. Ten of the proposed 20 injection wells have been installed in addition to existing well DCB 2A and are currently injecting the production well water at approximately a combined 85 gpm. This is lower than the 120-gpm total flow rate conceptualized in the original design. Rainfall during 2022 was below average; however, the groundwater injections do appear to have kept the water elevations more stable as the levels at or downgradient of the injections have stayed more consistent instead of decreasing like other unaffected areas in D Area. Changes in pH and metals has not yet been observed as a result of the groundwater injections. A stepped approach has been taken with the DAG OU treatability study and an increase in injection flow rates may be achievable in some the injection wells. Potential impacts of increasing rates to the existing permits will be evaluated and targeted injection rates will be increased as appropriate.

Monthly monitoring of pH of surface water in the D-Area Effluent Discharge Canal is occurring upgradient, between, and downgradient of the $CaCO_3$ reactive structures, with quarterly sampling for metals analyses. The $CaCO_3$ reactive structures in the D-Area Effluent Discharge Canal are generally raising the pH of the surface water to a pH above 5; with increases in pH some metals concentrations (e.g., aluminum, beryllium, and cobalt) in surface water decrease. However, maintenance to address sediment/leaf detritus will be performed in 2023 to increase flow through the reactive structures so they remain effective under normal flow or slightly increased flow conditions. Additional maintenance and evaluation of the current design will be determined based on subsequent pH and sampling data collected.

The groundwater and surface water monitoring will continue as scheduled and shown in Table 1 with the addition of quarterly sampling at downstream surface water station DSWM-10 and at background well DCB 51A.

Groundwater injection over the initial 10 months shows that the conceptually estimated one pore volume has been injected into the aquifer formation. However, the water levels have not shown the anticipated increase. This may be due to the decreased rainfall observed during 2022 as well as either an underestimation of the required pore volume or a misinterpretation of static groundwater conditions at the site. The conceptual model will be revisited and a detailed hydrogeologic reevaluation of the site will be conducted to better understand and anticipate the behavior of the injected groundwater. The anticipated length of the treatability study is currently estimated at a minimum of three years of groundwater injection. Analysis of the production well flow rates, injection operation, aquifer acceptance, field data, sample data, and performance of the $CaCO_3$ reactive structures will determine the optimal length of the treatability study after reevaluation of the conceptual design and monitoring of the fully operational system for another year. To allow for the analysis and interpretation of calendar year 2023 data, SRS recommends that the next report be submitted by April 30, 2024.

8.0 REFERENCES

SRNS, 2016a. *Remediation of the Acidic Groundwater Impacting the Discharge Canal in D Area*; Interoffice Memo, Savannah River Site, October, Savannah River Nuclear Solutions LLC, Aiken, SC

SRNS, 2016b. *Feasibility Study of the Reactive Structures for the D-Area Discharge Canal*; ERD-EN-2016-0042, Savannah River Site, Rev. 0, October, Savannah River Nuclear Solutions LLC, Aiken, SC

SRNS, 2018. *Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis (RSER/EE/CA) for the D-Area Coal Storage Area (484-17D) (U)*, SRNS-RP-2018-00813, Savannah River Site, Rev. 0, November, Savannah River Nuclear Solutions LLC, Aiken, SC

SRNS, 2019a. *Treatability Study Work Plan for Groundwater Injection and Discharge Canal Treatment at the D-Area Groundwater (OU) (U)*, SRNS-TR-2018-00128, Savannah River Site, Rev. 1, January, Savannah River Nuclear Solutions LLC, Aiken, SC

SRNS, 2019b. *SRS 3Q1 Manual, Environmental Requirements and Program Documents, Sampling Groundwater Monitoring Wells, Tanks/Vessels (Sample Ports or Spigots) and Surface Water*, SRS 3Q1 Manual Procedure 9015, Savannah River Site, Rev date: 5/23/2019, Savannah River Nuclear Solutions LLC, Aiken SC

SRNS, 2021. *Treatability Study Data Report for Groundwater Injection and Discharge Canal Neutralization at the D-Area Groundwater (OU) (U)*, SRNS-TR-2021-00005, Savannah River Site, Rev. 0, January, Savannah River Nuclear Solutions LLC, Aiken, SC

SRNS, 2021b. Letter, Amy J. Meyer (SRNS) to Courtney Milledge (SCDHEC), *Submittal of the Request for the Underground Injection Control Permit to Operate (Permit #SCHE03020572) for Injection of Groundwater at the D-Area Groundwater Operable Unit – Part 1*, SRNS-J2000-2021-00815, dated October 7, 2021, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC

SRNS, 2022a. *Treatability Study Data Report for Groundwater Injection and Discharge Canal Neutralization at the D-Area Groundwater (OU) (U)*, SRNS-TR-2022-00026, Savannah River Site, Rev. 0, January, Savannah River Nuclear Solutions LLC, Aiken, SC

SRNS, 2022b. *Removal Action Report for the D-Area Coal Storage Area (484-17D) (U)*, SRNS-RP-2022-00071, Savannah River Site, Rev. 1, November, Savannah River Nuclear Solutions LLC, Aiken, SC

This page is intentionally left blank.

Table 1. D-Area Treatability Study Monitoring Network and Sampling Schedule

Monitoring Well Information				Sampling			
					After Injections start		
Station	Station Type	Total Depth (ft bgs)	Screened Interval (ft msl)	Before Injection	Monthly - First 8 months	Monthly	Quarterly
PW 3D	Production Well	736	-541.25 - -551.25, -651.25 - -601.25	M	WL		WL
PW 136D	Production Well	765	-507.5 - -537.5, -577.5 - -617.5	M	WL		WL
DCB 3A	Monitoring Well	36.8	126.2 - 96.2	WL	WL		WL
DCB 4A	Monitoring Well	37	122.5 - 92.5	M	WL		M
DCB 5A	Monitoring Well	37	115.9 - 85.9	WL	WL		WL
DCB 6	Monitoring Well	23.7	129.5 - 109.5	M	WL		M
DCB 7	Monitoring Well	23.9	128.9 - 108.9	WL	WL		WL
DCB 8	Monitoring Well	26.5	130.3 - 110.3	M	WL		M
DCB 9	Monitoring Well	25	117.3 - 97.3	WL	WL		WL
DCB 10	Monitoring Well	24.1	119.8 - 99.8	M	WL		M
DCB 21A	Monitoring Well	20	120.1 - 110.1	M	WL		M
DCB 21B	Monitoring Well	27	104.7 - 102.2	M	WL		M
DCB 21C	Monitoring Well	44	90.8 - 88.3	M	WL		M
DCB 22A	Monitoring Well	18.5	119.8 - 109.8	M	WL		M
DCB 23A	Monitoring Well	16	115.7 - 105.7	WL	WL		WL
DCB 23B	Monitoring Well	27.5	96.6 - 94.1	M	WL		M
DCB 23C	Monitoring Well	35	89.1 - 86.6	M	WL		M
DCB 26AR	Monitoring Well	26	111.7 - 97.4	WL	WL		WL
DCB 33B	Monitoring Well	37	114 - 104	WL	WL		WL
DCB 34A	Monitoring Well	26	112 - 102	M	WL		M
DCB 34C	Monitoring Well	59.3	80.8 - 70.8	M	WL		M
DCB 35A	Monitoring Well	25	103.4 - 93.4	M	WL		M
DCB 35C	Monitoring Well	44	84.2 - 74.2	M	WL		M
DCB 36A	Monitoring Well	20	114.1 - 104.1	M	WL		M
DCB 36C	Monitoring Well	37	97.3 - 87.3	M	WL		M
DCB 37A	Monitoring Well	25.9	110.8 - 100.8	M	WL		M
DCB 41A	Monitoring Well	33	108.28 - 98.28	WL	WL		WL
DCB 44A	Monitoring Well	26.5	123.3 - 108.3	WL	WL		WL
DCB 45A	Monitoring Well	25.2	125.2 - 110.2	WL	WL		WL
DCB 49	Monitoring Well	16.5	118.65 - 106.15	WL	WL		WL
DCB 53	Monitoring Well	41	87.58 - 77.48	WL	WL		WL
DCB 70A	Monitoring Well	12.5	114.69 - 104.69	M	WL		M
DCB077	Monitoring Well	31.7	118 - 98	M	WL		M
DCB078	Monitoring Well	41.7	107 - 87	M	WL		M
DSWM-4	Surface Water Station	--	--	M			M
DSWM-4A	Surface Water Station	--	--	M			M
DSWM-4B	Surface Water Station	--	--	M			M
DSWM-4C	Surface Water Station	--	--	M			M
DSWM-5	Surface Water Station	--	--	M			M
DSWM-6	Surface Water Station	--	--	M			M
DSWM-7	Surface Water Station	--	--	M			M
DSWM-8	Surface Water Station	--	--	M	M	pH	M
DSWM-8A	Surface Water Station	--	--	M	M	pH	M
DSWM-9	Surface Water Station	--	--	M	M	pH	M

M = Metals and field parameters including pH
WL = Water elevation measurement only
pH = pH reading of surface water only for performance monitoring of the reactive structures

Table 2. D-Area Injection Well Screen Zone Depths

Injection Well	Screen Zone (ft bgs)	Month/Year Installed
DGI007	21.49 - 42.41	December/2019
DGI010	30.51 - 51.43	December/2019
DGI011	24.2 - 45.1	February/2021
DGI012	26.6 - 47.5	February/2021
DGI013	34.1 - 55.0	February/2021
DGI014	34.58 - 55.5	February/2020
DGI015	35.1 - 56.0	February/2021
DGI016	34.26 - 55.18	January/2020
DGI017	34.1 - 55.0	March/2021
DGI019	23.72 - 44.64	January/2020
DCB 2A	5.0 – 35.0	March/1984

Installed during 2020
Installed during 2021
Existing well

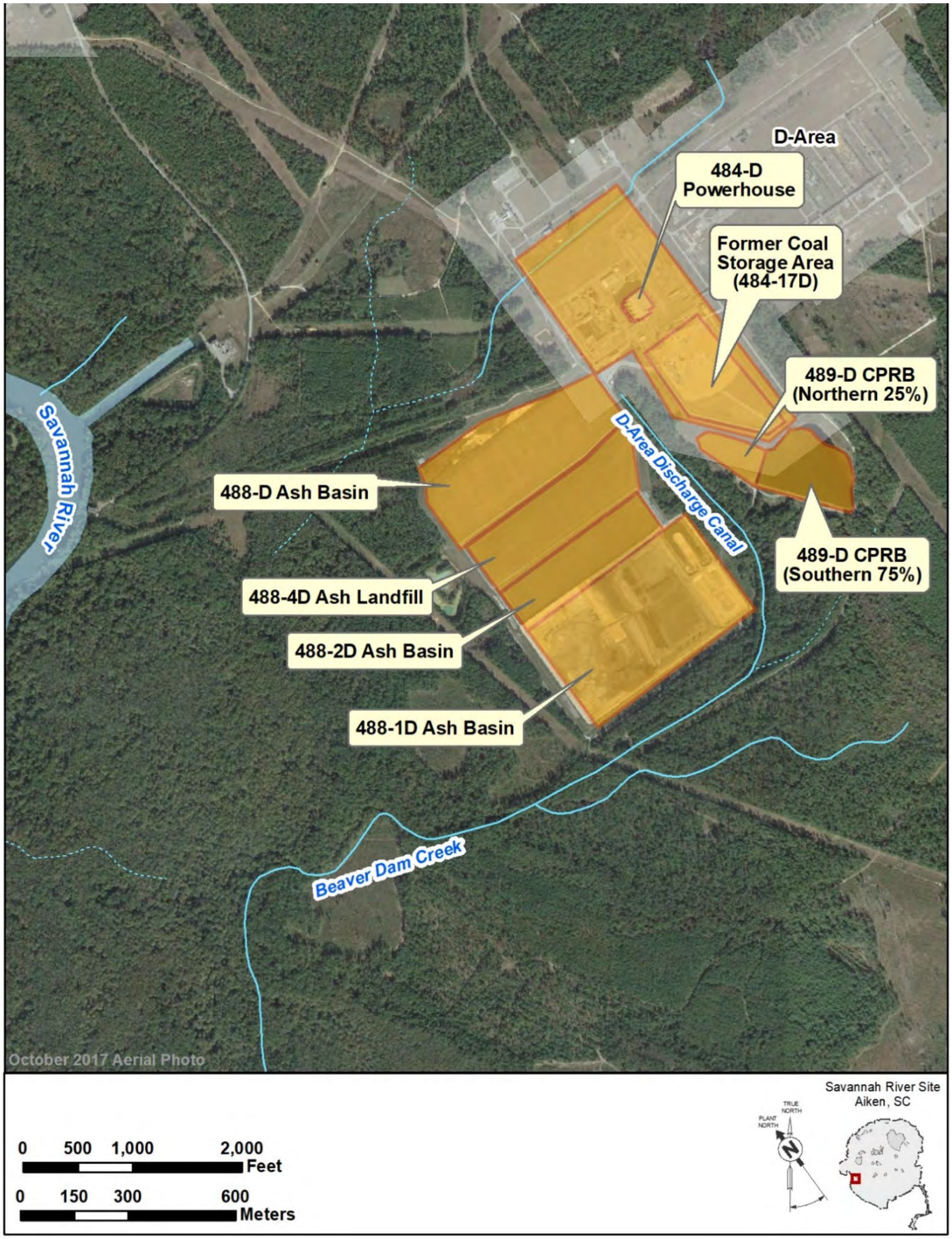


Figure 1. D-Area Powerhouse Associated Facilities

This page is intentionally left blank

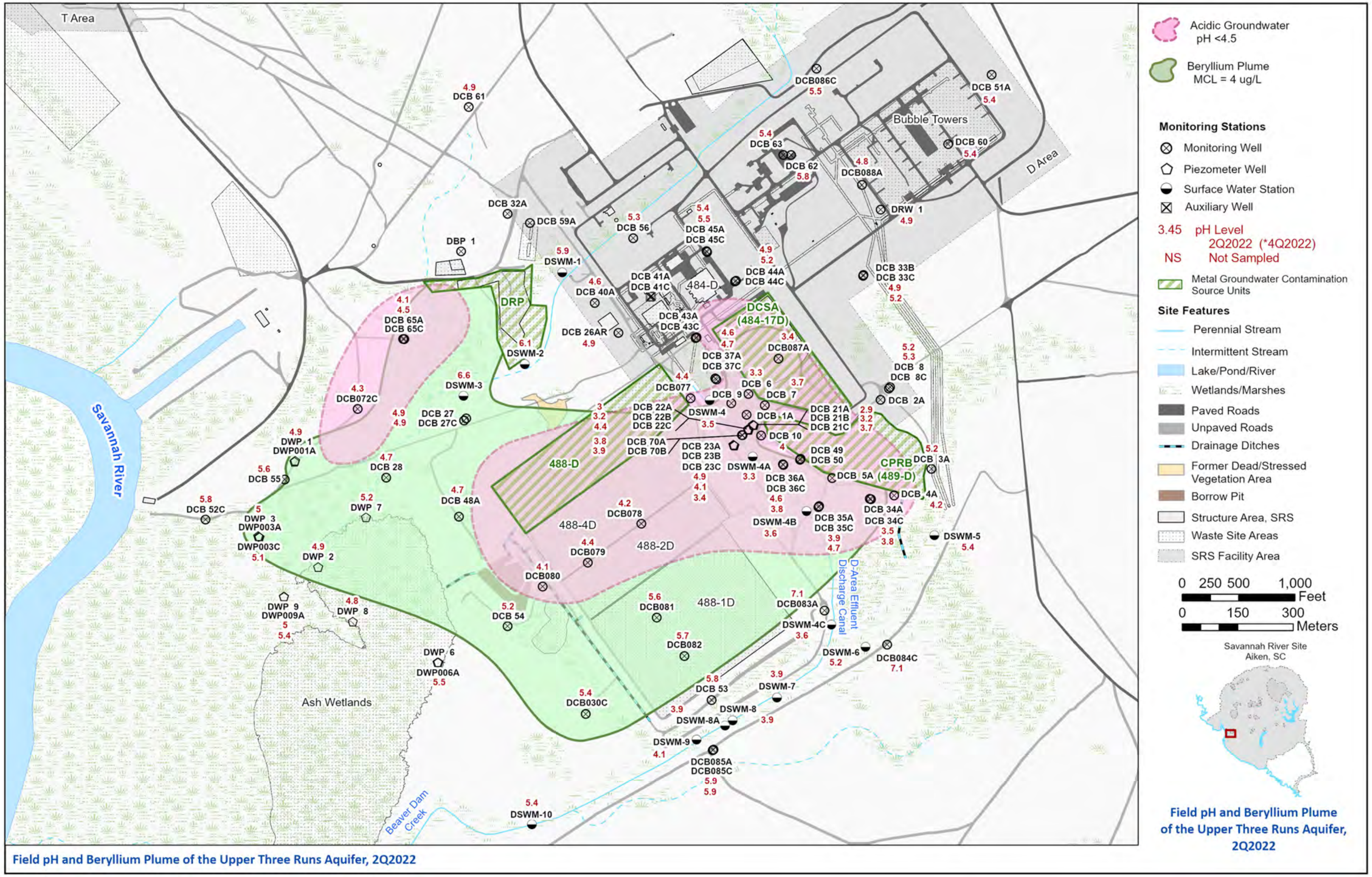


Figure 2. D-Area Groundwater 2Q2022 pH and Beryllium Plume

This page is intentionally left blank

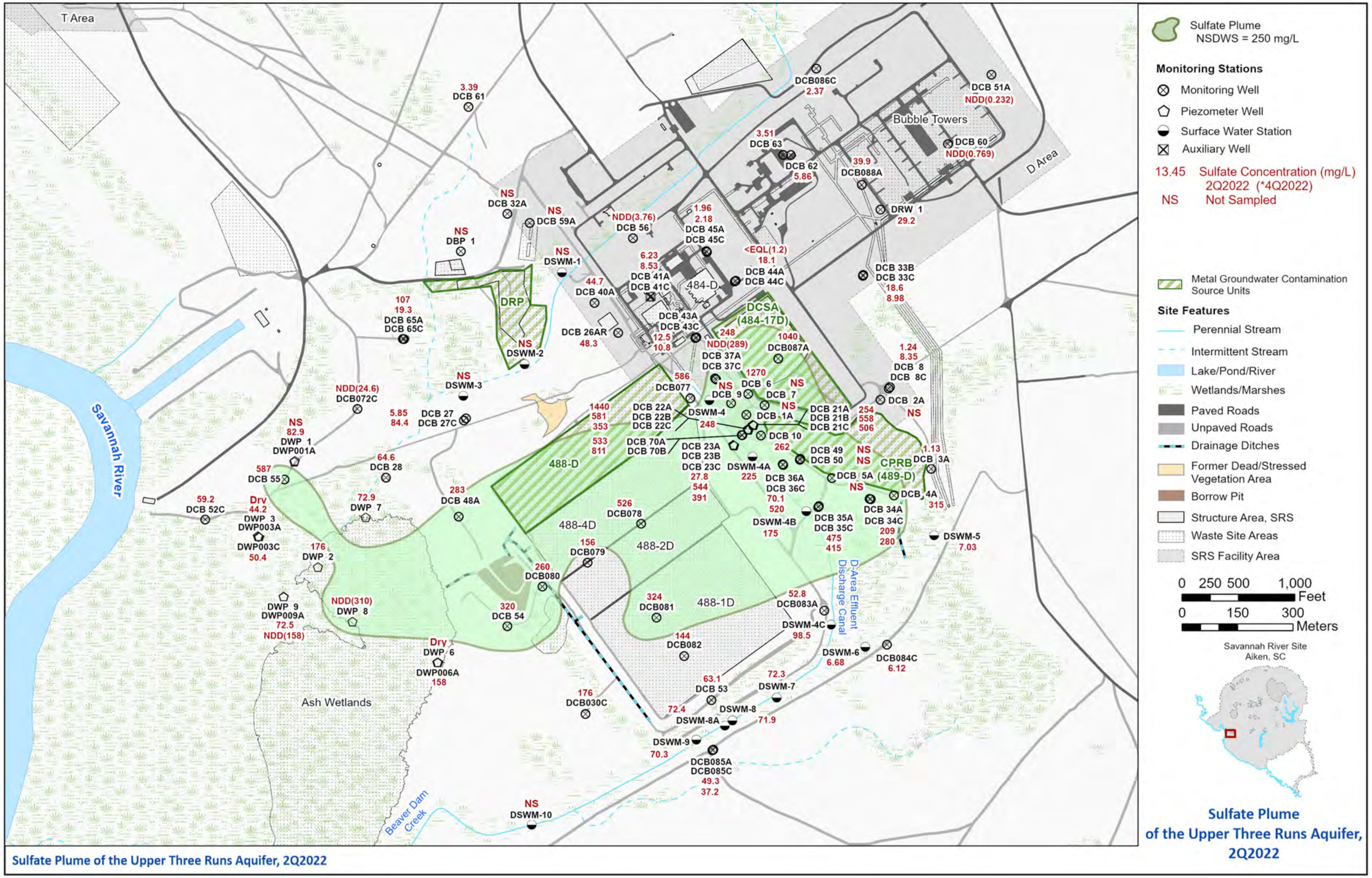


Figure 3. D-Area Groundwater 2Q2022 Sulfate Plume

This page is intentionally left blank

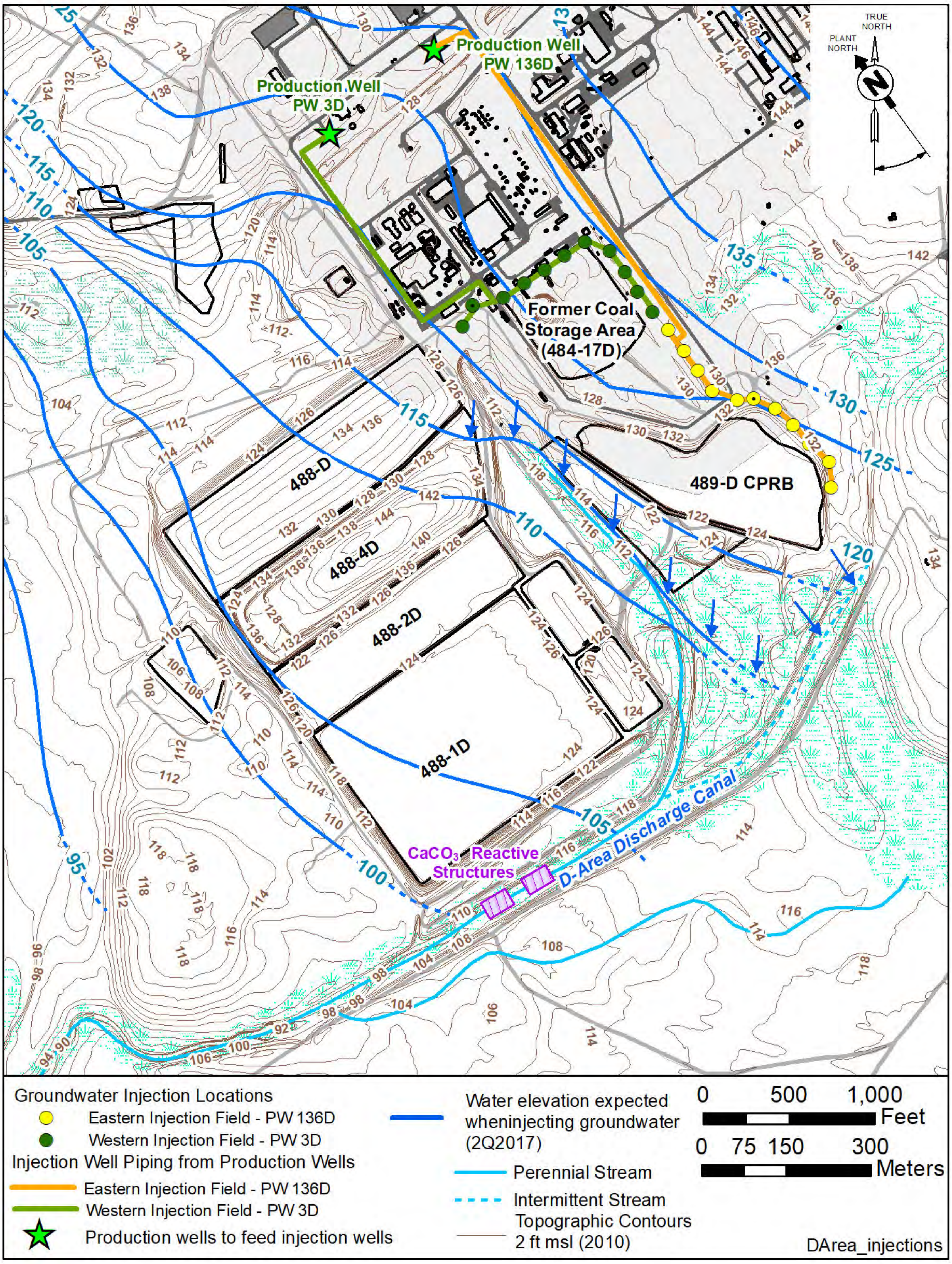


Figure 4. D-Area Treatability Study Injection Wells, Reactive Structure, and Projected Water Table Elevation

This page is intentionally left blank

Water Volume, ml	$CaCO_3$ Mass, g	Initial pH	Final pH	Mass $CaCO_3$ per Water Volume, mg/l
Initial		3		0
200	0.018	3.08	3.99	90
200	0.05	3.05	5.75	250
200	0.1	3.02	6.15	500
50	0.1	2.98	6.64	2,000
50	0.25	2.93	6.50	5,000
50	0.5	2.90	6.60	10,000

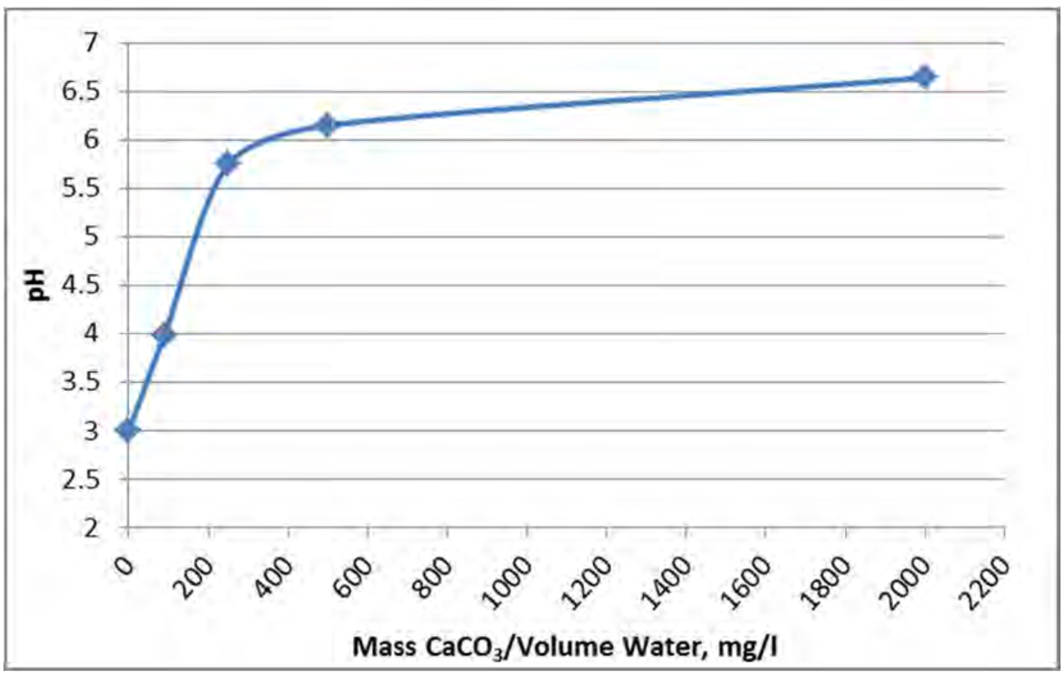


Figure 5. Titration Test Chart and Graph of D-Area Discharge Canal Acidic Surface Water with Calcium Carbonate Additions

This page is intentionally left blank

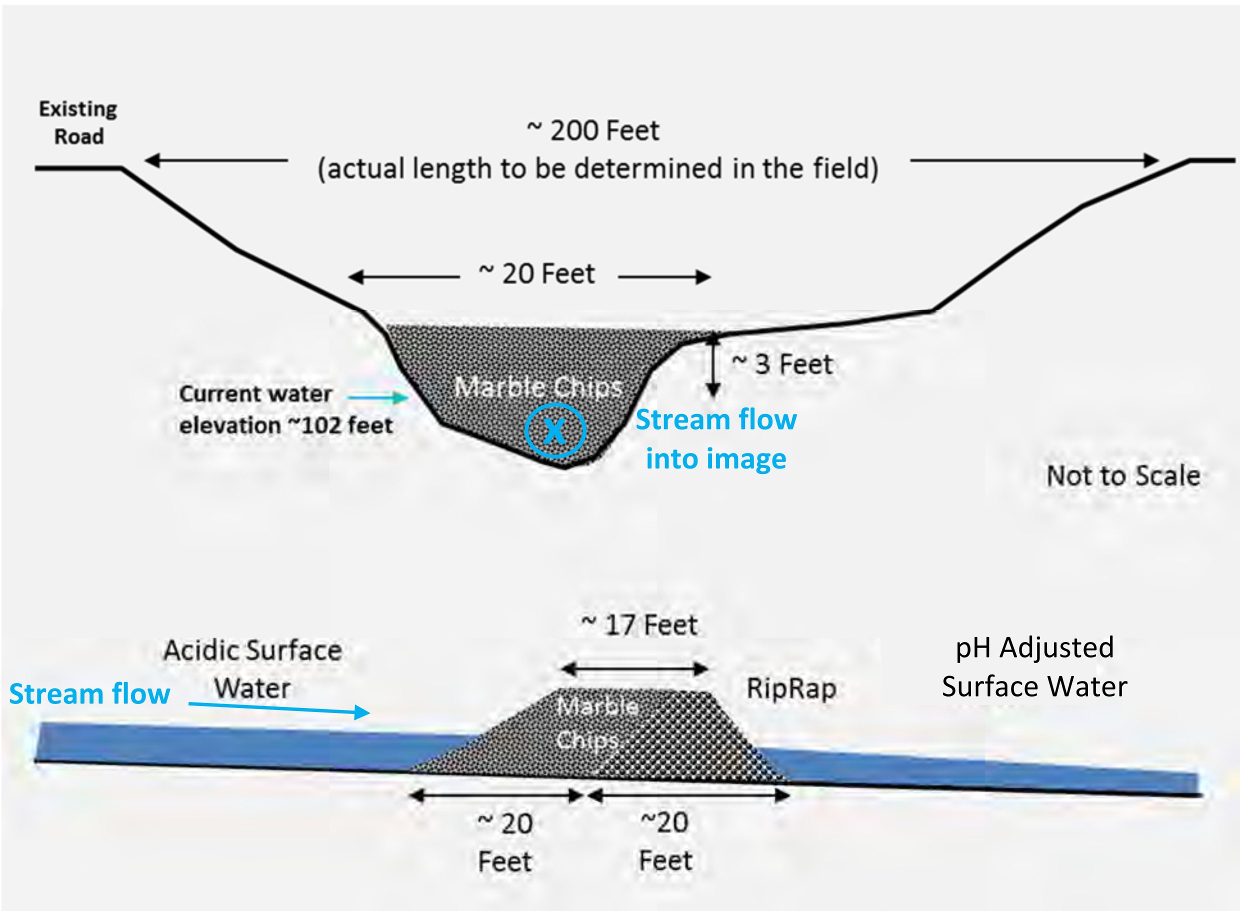


Figure 6. Diagram of $CaCO_3$ Reactive Structures in the D-Area Discharge Canal

This page is intentionally left blank.

Figure 7. D-Area Injection Wells Installed and Production Well Piping

This page is intentionally left blank.

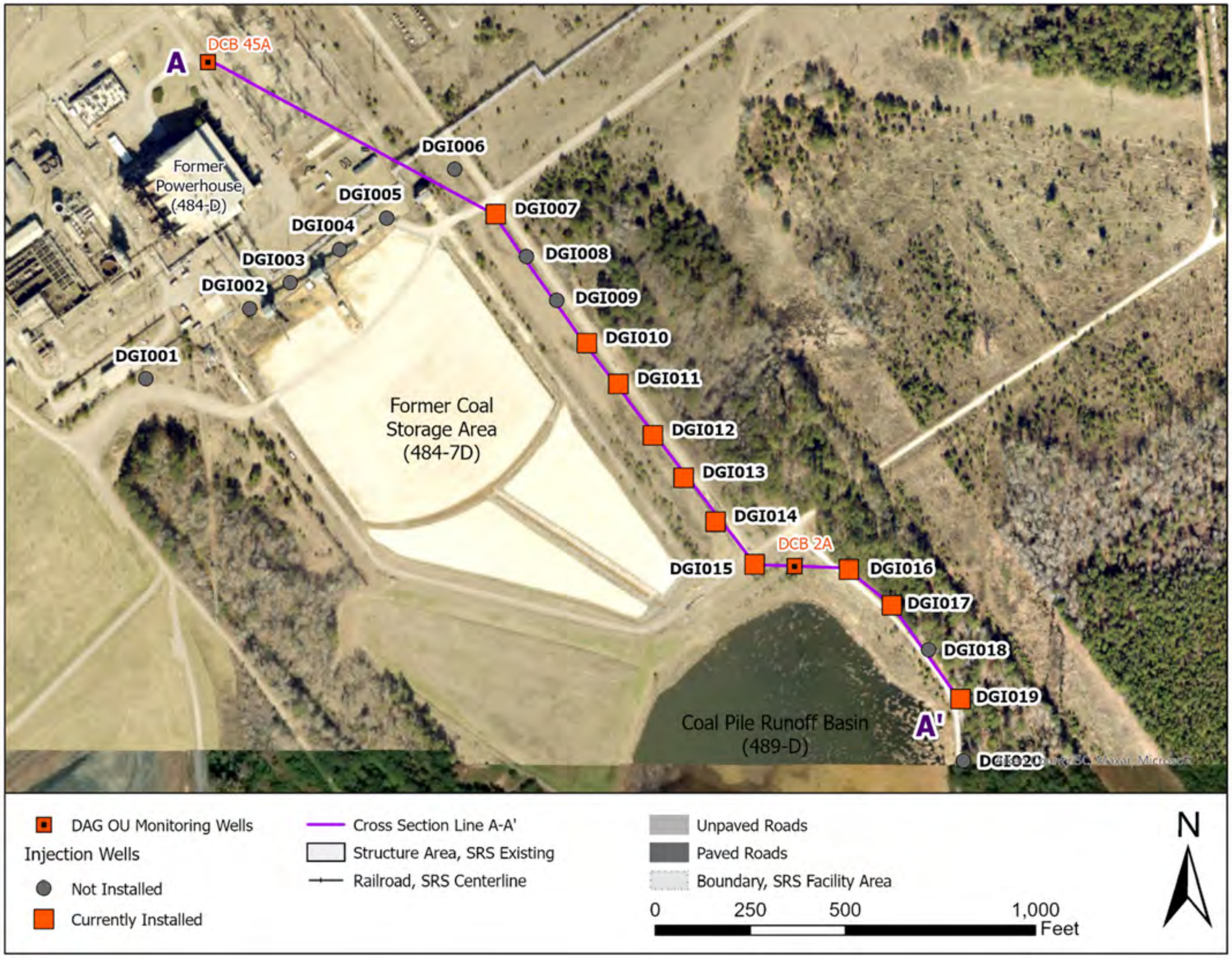


Figure 8. Installed Injection Wells and Cross Section Line A–A'

This page is intentionally left blank.

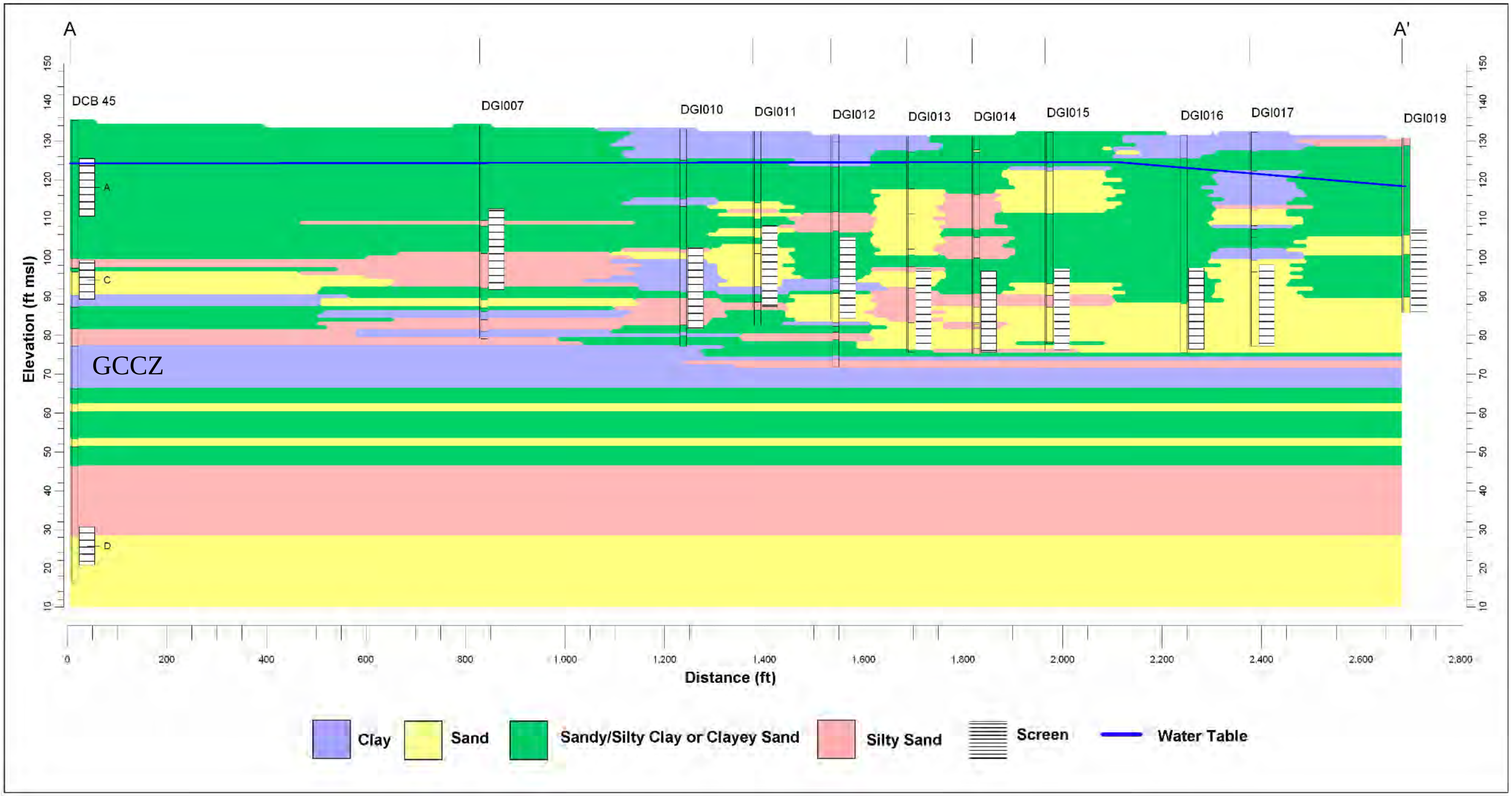


Figure 9. D-Area Injection Well Lithological Cross-Section A-A'

This page is intentionally left blank.

Figure 10. D-Area Treatability Study Pipeline Installation

This page is intentionally left blank.

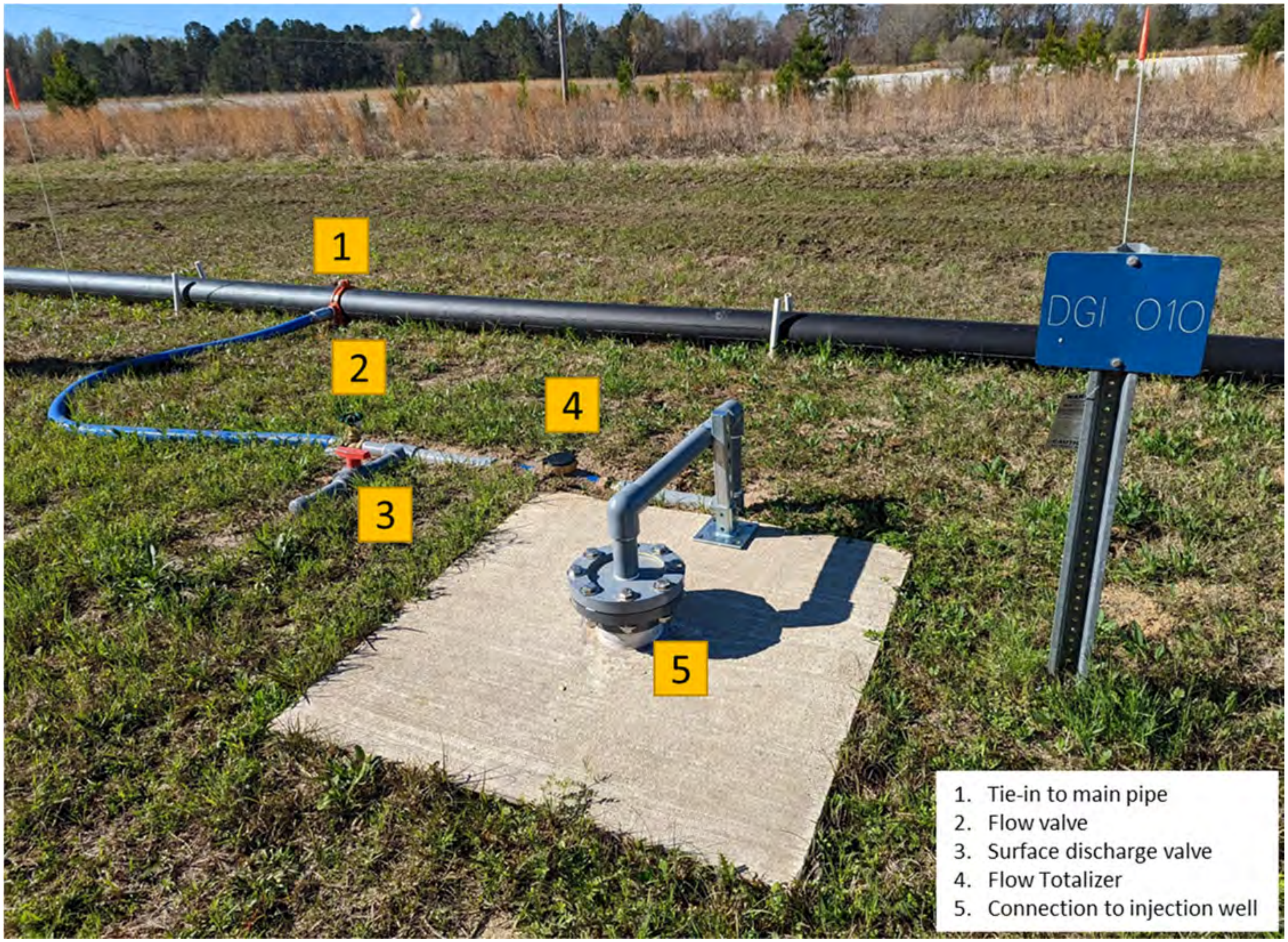


Figure 11. Injection Well Connection to Pipeline (DGI010)

This page is intentionally left blank.

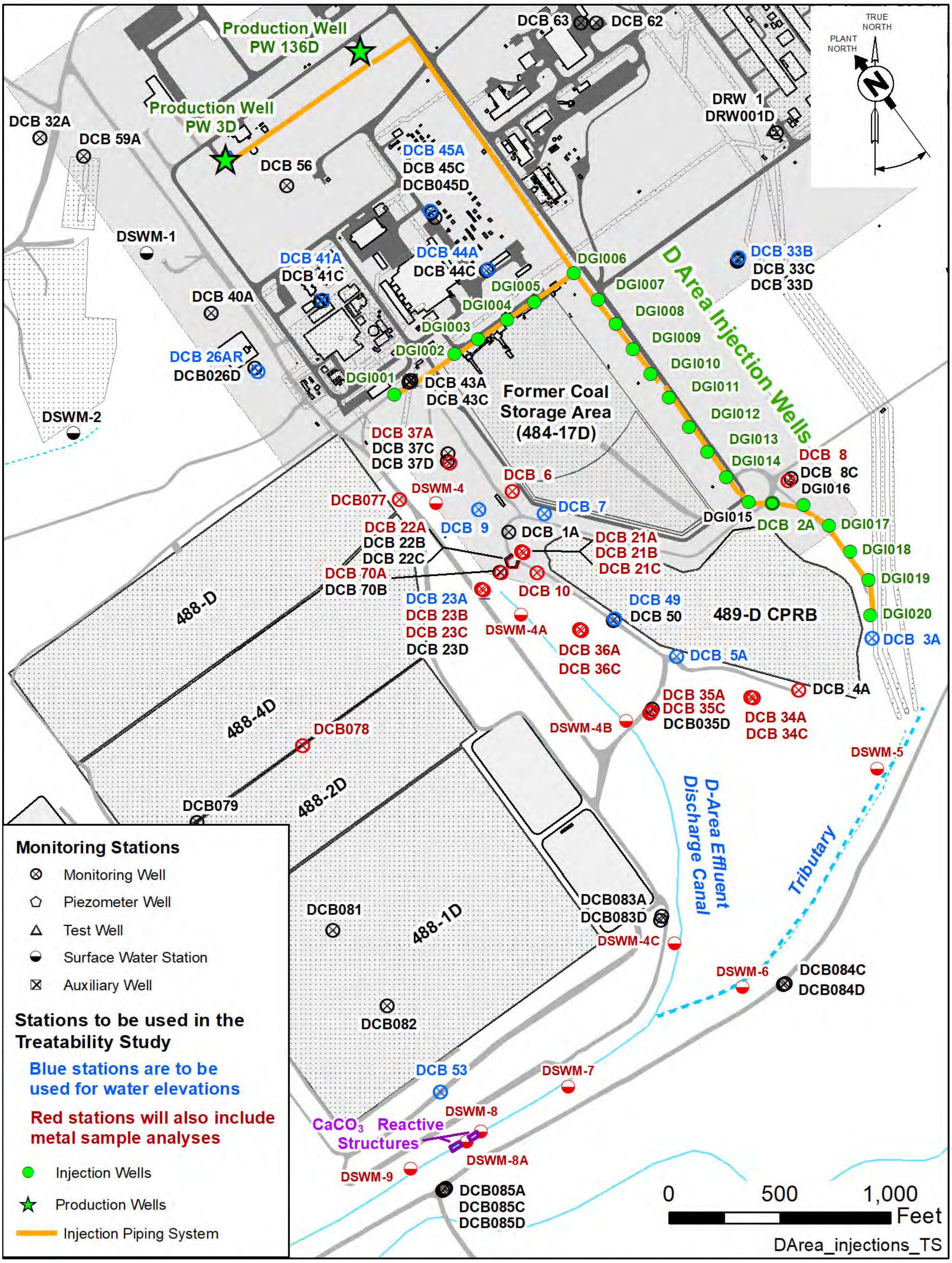


Figure 12. D-Area Treatability Study Monitoring Locations

This page is intentionally left blank.

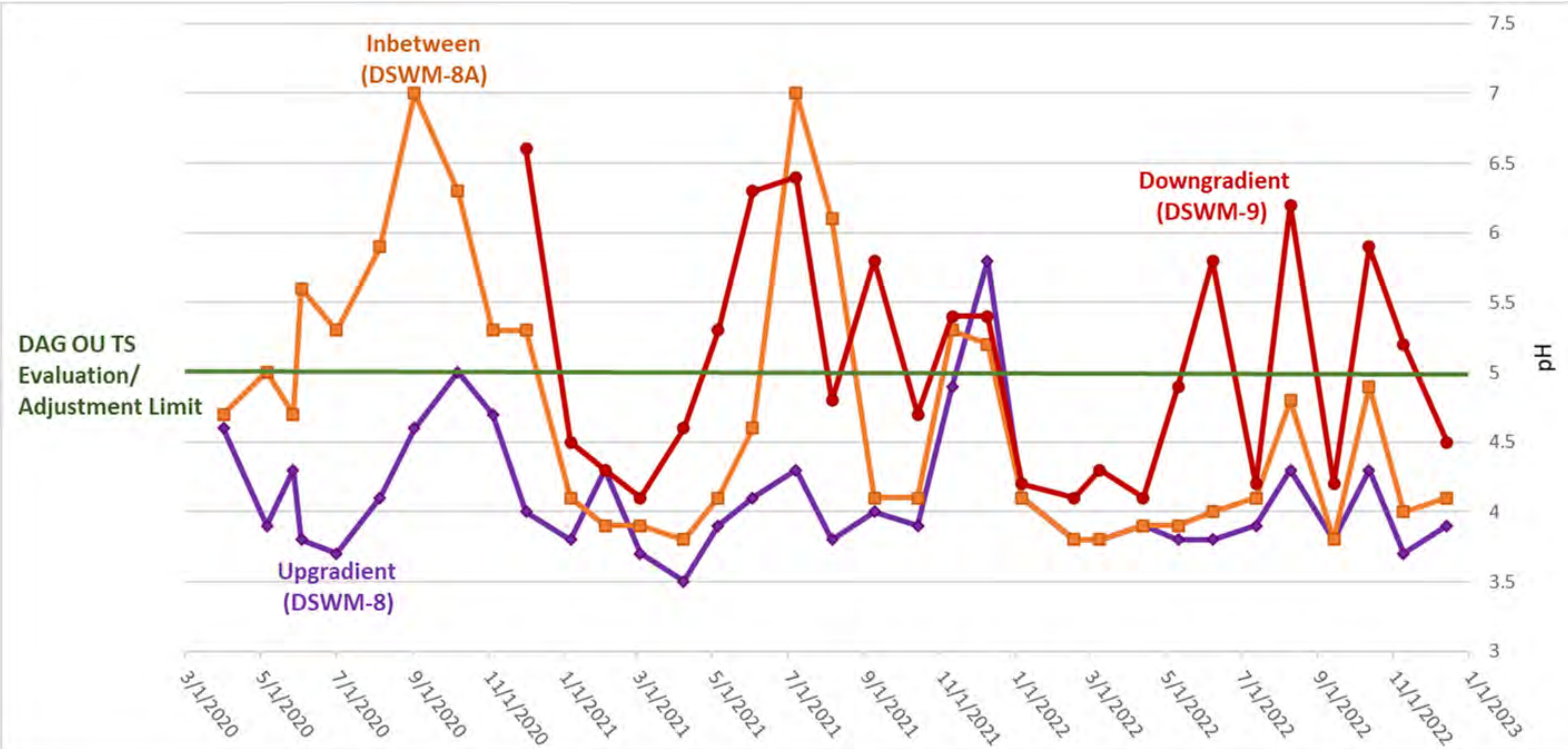


Figure 13. **$CaCO_3$ Reactive Structure Surface Water pH Results**

This page is intentionally left blank.

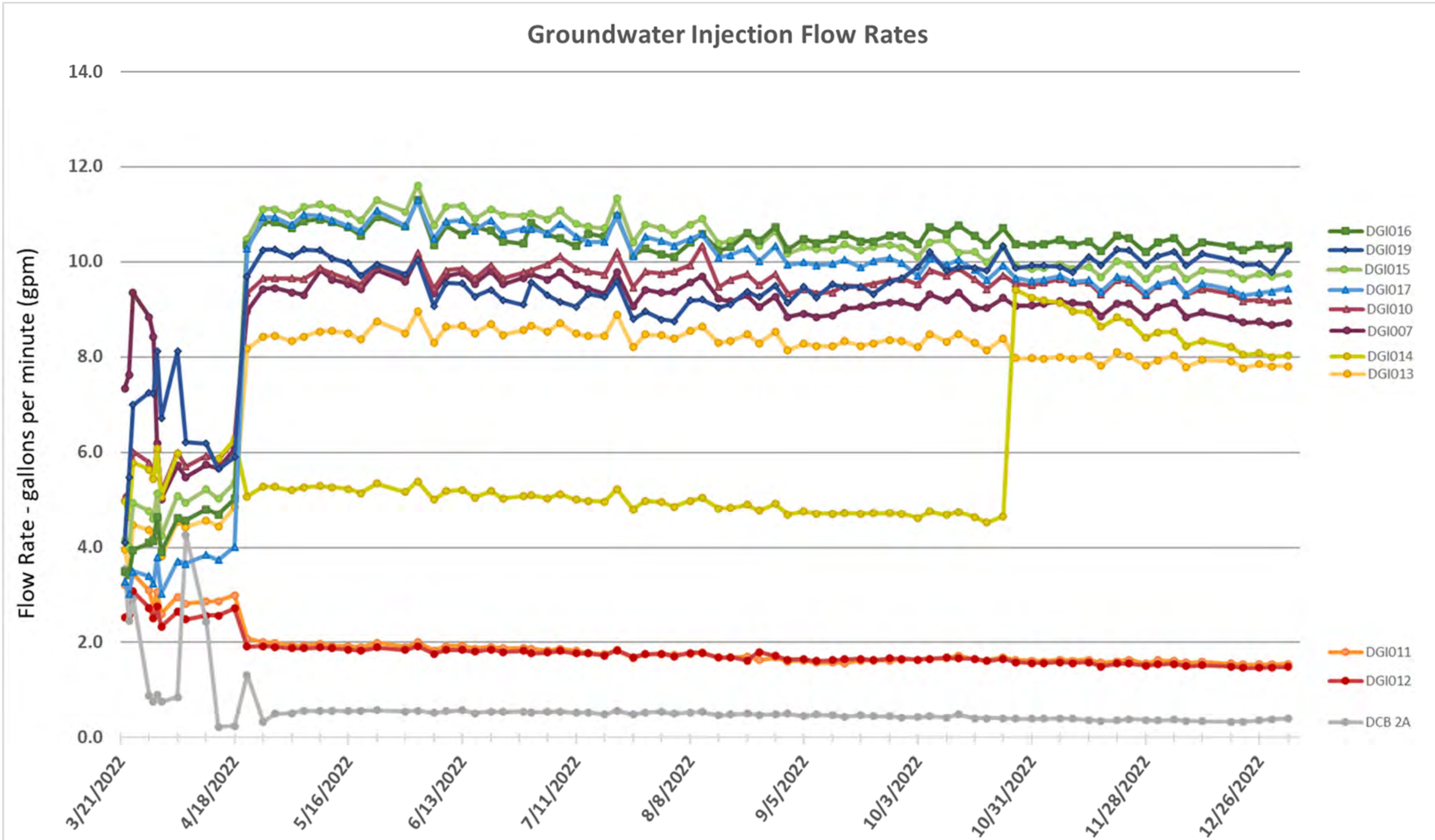


Figure 14. Graph of Injection Well Flow Rates for 2022

This page is intentionally left blank.

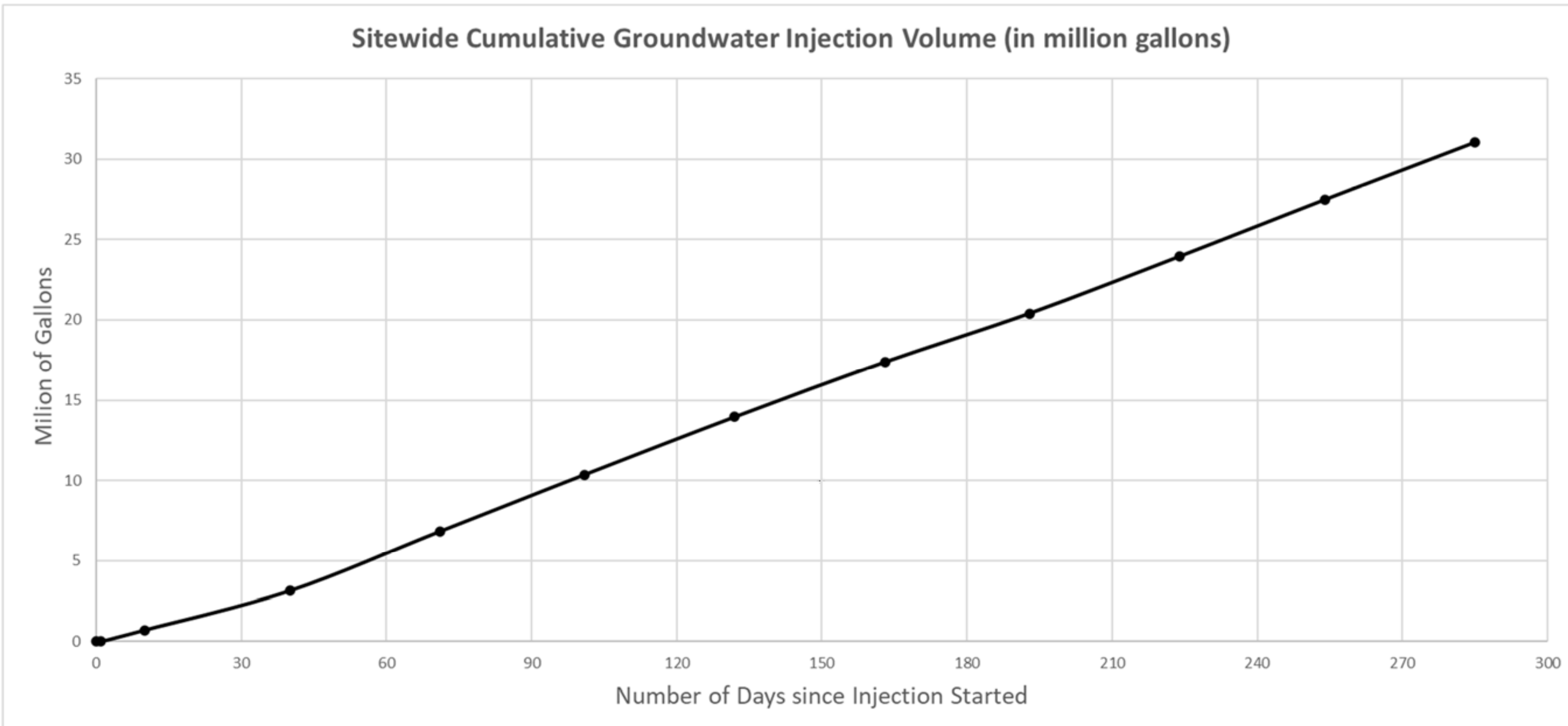


Figure 15. Sitewide Cumulative Groundwater Injection Volumes (in million gallons total)

This page is intentionally left blank.

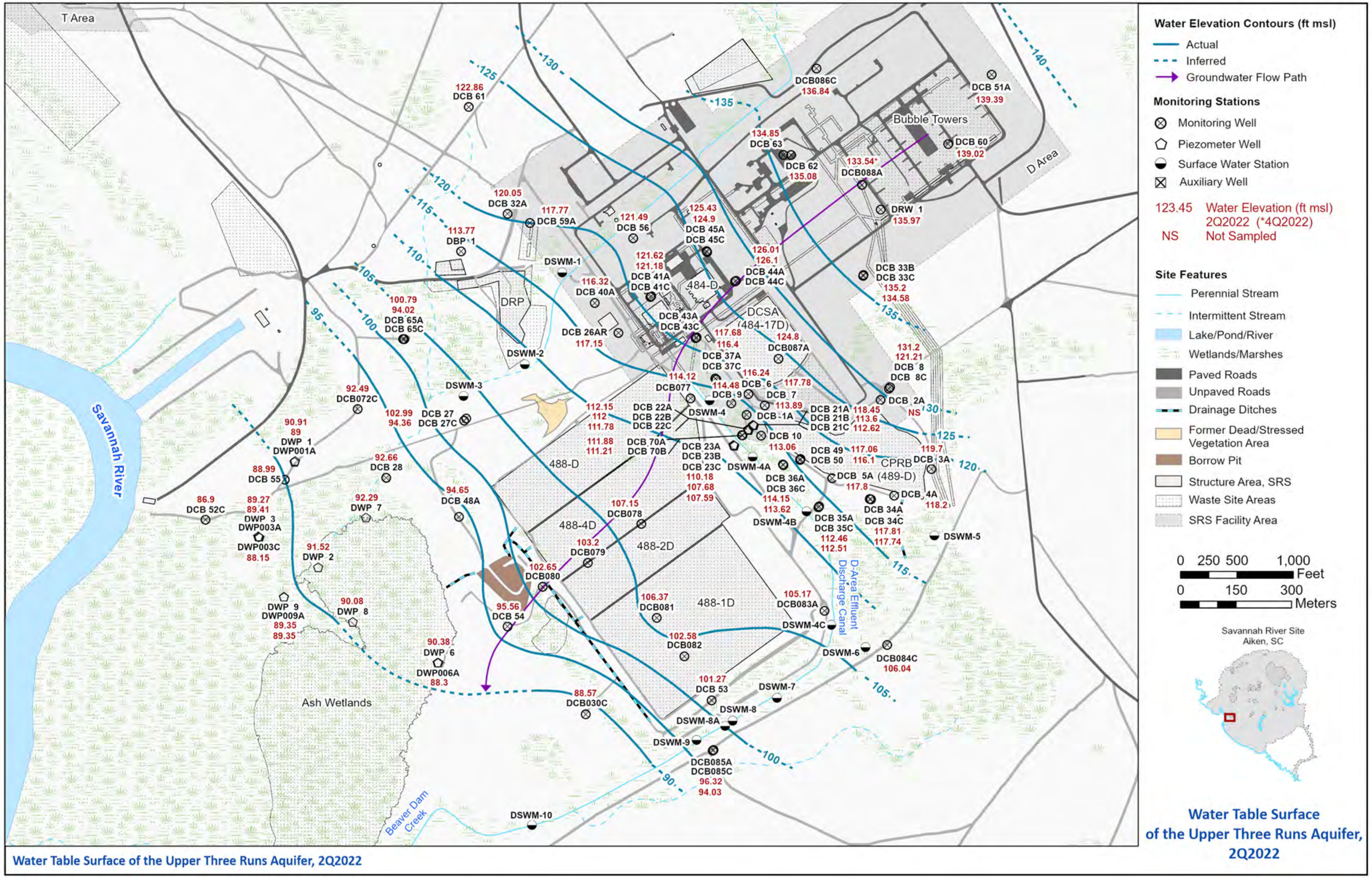


Figure 16. D-Area Groundwater OU UTRA Potentiometric Surface (2Q2022)

This page is intentionally left blank.

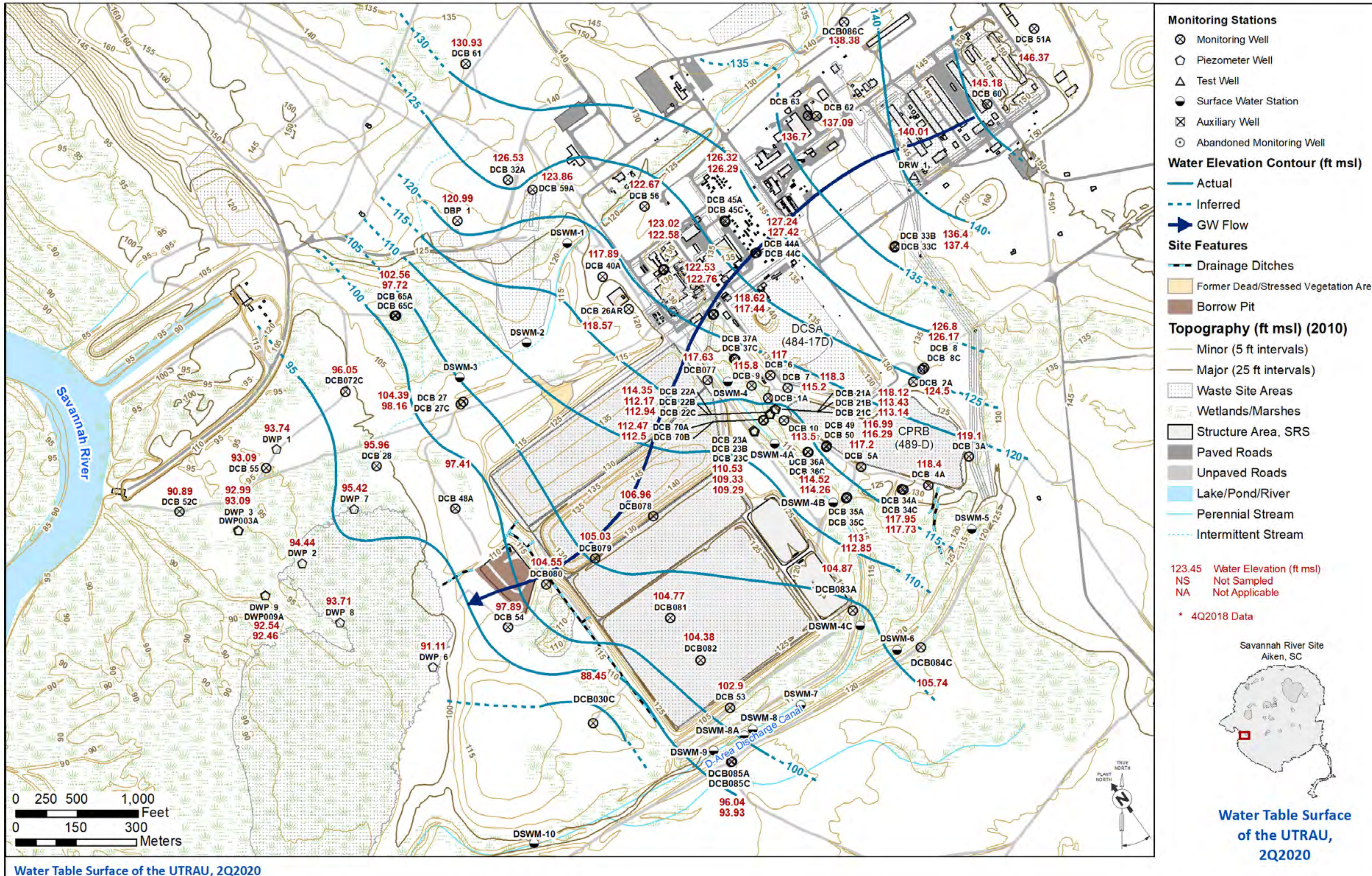


Figure 17. D-Area Groundwater OU UTRA Potentiometric Surface (2Q2020)

This page is intentionally left blank.

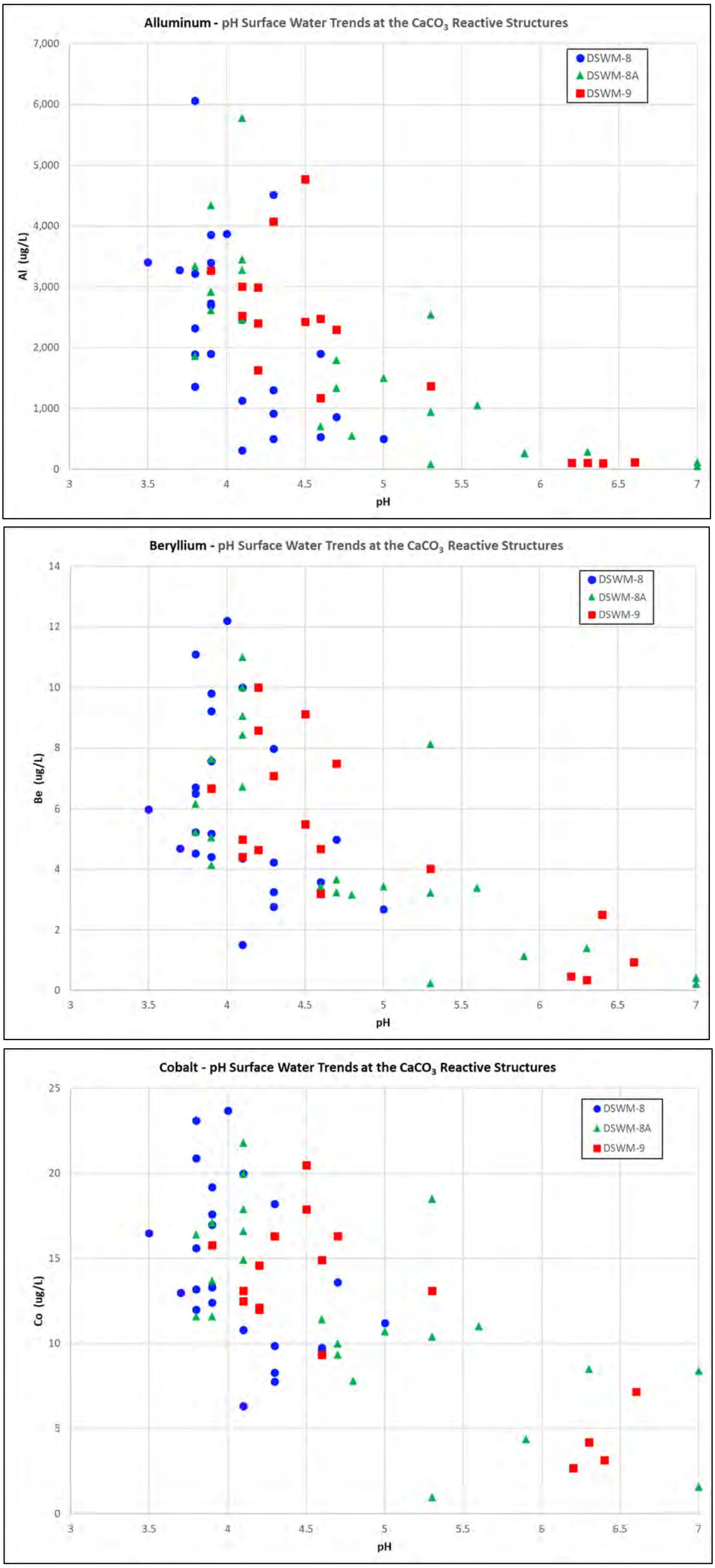


Figure 18. Surface Water Concentrations of pH and Beryllium at DSWM-8, DSWM-8A, and DSWM-9

This page is intentionally left blank.

APPENDIX A

D-Area Groundwater Treatability Study Data Table (2022)

This page is intentionally left blank.

Table A-1. D-Area Treatability Study Data 2022

Station	Well Use	Aquifer Zone	ANALYTICAL SAMPLE COLLECTION DATE	SYNCHRONOUS MEASUREMENT DATE	SYNCHRONOUS WATER ELEVATION	SAMPLING EVENT WATER ELEVATION	DEPTH TO WATER	VOLUME PURGED	TURBIDITY	PH	WATER TEMPERATURE	SPECIFIC CONDUCTANCE	TOTAL ALKALINITY (AS CACO3)	OXIDATION/REDUCTION POTENTIAL	OXYGEN	STREAM FLOW RATE	Constituent	FIELD CONDITIONS	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CALCIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	MAGNESIUM	MANGANESE	MERCURY	NICKEL
			Field Data																D-Area Treatability Study Analyte Suite															
			day-month-year	day-month-year	ft	ft	ft	gal	NTU	pH	degC	uS/cm	mg/L	mV	mg/L	ft3/s	Unit		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
																	NPDWS			6	10	2000	4	5		100		1300		15			2	
																	NSDWS		200										300			50		
																	RSL										6							390
DCB 3A	Water Elevations	UTRA	NS	13-Apr-2022	119.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 3A	Water Elevations	UTRA	25-May-2022	12-May-2022	119.7	119.5	13.7	31	0.4	5.2	18.4	29	0	222	5.89	NS			<EQL (200)	<EQL (20)	<EQL (30)	19.5	<EQL (5)	<EQL (5)	1480	<EQL (10)	<EQL (5)	<EQL (20)	<EQL (100)	<EQL (20)	513	[8.34]	<EQL (0.2)	<EQL (5)
DCB 3A	Water Elevations	UTRA	NS	16-Jun-2022	119	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 3A	Water Elevations	UTRA	NS	13-Jul-2022	119.25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 3A	Water Elevations	UTRA	NS	10-Aug-2022	118.78	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 3A	Water Elevations	UTRA	NS	14-Sep-2022	119.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 3A	Water Elevations	UTRA	NS	12-Oct-2022	118.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 3A	Water Elevations	UTRA	07-Nov-2022	09-Nov-2022	118.9	118.88	14.32	NS	NS	4.8	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 3A	Water Elevations	UTRA	NS	15-Dec-2022	119.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 4A	Monitoring Well	UTRA	11-Apr-2022	NS	NS	118.7	10.9	35	0.7	4.2	20.5	227	0	318	4.2	NS			1380	<EQL (8)	<EQL (1)	53.2	<EQL (1)	<EQL (1)	[4930]	<EQL (30)	[3.46]	<EQL (3)	[226]	<EQL (3)	[1730]	48.9	<EQL (0.2)	[9.57]
DCB 4A	Monitoring Well	UTRA	26-May-2022	12-May-2022	118.2	118.15	11.45	34	0.5	4.2	22.5	494	0	335	3.41	NS			25000	<EQL (100)	<EQL (150)	54.4	<EQL (25)	<EQL (25)	23300	[5.8]	63.4	[24.2]	2300	<EQL (100)	16200	943	[0.176]	131
DCB 4A	Monitoring Well	UTRA	NS	16-Jun-2022	117.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 4A	Monitoring Well	UTRA	13-Jul-2022	NS	NS	118.1	11.5	34	0.5	4	21.8	748	0	330	5.07	NS			40300	<EQL (3)	[3.55]	34.7	9.48	2.24	32800	<EQL (10)	88.8	30.3	5300	[0.592]	26500	1450	[0.178]	172
DCB 4A	Monitoring Well	UTRA	NS	10-Aug-2022	117.52	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 4A	Monitoring Well	UTRA	NS	14-Sep-2022	118.17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 4A	Monitoring Well	UTRA	NS	12-Oct-2022	117.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 4A	Monitoring Well	UTRA	01-Nov-2022	NS	NS	117.75	11.85	NS	NS	4	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 4A	Monitoring Well	UTRA	NS	15-Dec-2022	118.33	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 5A	Water Elevations	UTRA	NS	13-Apr-2022	117.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 5A	Water Elevations	UTRA	NS	12-May-2022	117.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 5A	Water Elevations	UTRA	NS	16-Jun-2022	116.6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 5A	Water Elevations	UTRA	NS	13-Jul-2022	117.55	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 5A	Water Elevations	UTRA	NS	10-Aug-2022	116.98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 5A	Water Elevations	UTRA	NS	14-Sep-2022	117.97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 5A	Water Elevations	UTRA	NS	12-Oct-2022	117	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 5A	Water Elevations	UTRA	NS	09-Nov-2022	117.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 5A	Water Elevations	UTRA	NS	15-Dec-2022	118.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 6	Monitoring Well	UTRA	11-Apr-2022	NS	NS	116.9	16.9	10	1.6	3.4	19.6	1250	0	393	3.9	NS			155000	<EQL (8)	[2.09]	[12]	21.2	7.93	68900	<EQL (30)	412	419	9330	30.2	44000	5160	[0.078]	835
DCB 6	Monitoring Well	UTRA	24-May-2022	12-May-2022	116.24	117.4	16.4	9	2.2	3.3	20.9	1998	0	383	4.17	NS		X	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 6	Monitoring Well	UTRA	NS	16-Jun-2022	115.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 6	Monitoring Well	UTRA	13-Jul-2022	NS	NS	115.9	17.9	8	1.2	3.1	22.3	2719	0	289	2.55	NS		X	303000	<EQL (3)	8.45	4.57	51.7	13.8	149000	[5.23]	701	217	62600	[0.813]	92900	12000	<EQL (0.2)	1490
DCB 6	Monitoring Well	UTRA	NS	10-Aug-2022	114.92	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 6	Monitoring Well	UTRA	NS	14-Sep-2022	116.76	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 6	Monitoring Well	UTRA	NS	13-Apr-2022	118	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 6	Monitoring Well	UTRA	NS	12-Oct-2022	115	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 6	Monitoring Well	UTRA	03-Nov-2022	NS	NS	115.04	18.76	NS	NS	3	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 6	Monitoring Well	UTRA	NS	15-Dec-2022	116.76	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 7	Water Elevations	UTRA	24-May-2022	12-May-2022	117.78	117.3	15.9	10	1.4	3.7	20.9	718	0	362	1.66	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 7	Water Elevations	UTRA	NS	16-Jun-2022	116.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 7	Water Elevations	UTRA	NS	13-Jul-2022	116.97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 7	Water Elevations	UTRA	NS	10-Aug-2022	116.47	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 7	Water Elevations	UTRA	NS	14-Sep-2022	118.56	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 7	Water Elevations	UTRA	NS	12-Oct-2022	116.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 7	Water Elevations	UTRA	NS	09-Nov-2022	115.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 7	Water Elevations	UTRA	NS	15-Dec-2022	117.98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 8	Monitoring Well	UTRA	11-Apr-2022	NS	NS	129.2	8	27	13.5	5.2	18.9	28	6	257	4.3	NS			2930	<EQL (8)	[1.25]	[24.2]	<EQL (1)	<EQL (1)	[1520]	<EQL (30)	<EQL (2)	84	2700	<EQL (3)	<EQL (1000)	[6.64]	<EQL (0.2)	<EQL (4)
DCB 8	Monitoring Well	UTRA	24-May-2022	12-May-2022	131.2	130.92	6.28	28	14	5.2	19.4	20	1	270	5.26	NS			[183]	<EQL (20)	<EQL (30)	12.6	<EQL (5)	<EQL (5)	1160	[1.36]	<EQL (5)	45.3	115	<EQL (20)	526	[2.8]	<EQL (0.2)	<EQL (5)
DCB 8	Monitoring Well	UTRA	NS	16-Jun-2022	130.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 8	Monitoring Well	UTRA	13-Jul-2022	NS	NS	130.24	6.96	27	25.6	5.1	20	28	0	249	2.97	NS			122	<EQL (3)	<EQL (5)	13.7	<EQL (0.5)	<EQL (1)	1230	<EQL (10)	<EQL (1)	43.7	[70.2]	<EQL (2)	545	[3.36]	<EQL (0.2)	<EQL (2)
DCB 8	Monitoring Well	UTRA	NS	10-Aug-2022	129.69	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 8	Monitoring Well	UTRA	NS	14-Sep-2022	130.82	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 8	Monitoring Well	UTRA	NS	12-Oct-2022	129.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 8	Monitoring Well	UTRA	01-Nov-2022	NS	NS	130.2	7	NS	NS	5.2	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 8	Monitoring Well	UTRA	16-Nov-2022	NS	NS	130.34	6.86	NS	NS	5.1	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 8	Monitoring Well	UTRA	NS	15-Dec-2022	130.84	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 9	Water Elevations	UTRA	NS	13-Apr-2022	115.64	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 9	Water Elevations	UTRA	NS	12-May-2022	114.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 9	Water Elevations	UTRA	NS	16-Jun-2022	113.6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 9	Water Elevations	UTRA	NS	13-Jul-2022	112.68	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 9	Water Elevations	UTRA	NS	10-Aug-2022	112.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 9	Water Elevations	UTRA	NS	14-Sep-2022	114.74	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 9	Water Elevations	UTRA	NS	12-Oct-2022	112.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 9	Water Elevations	UTRA	NS	09-Nov-2022	112.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 9	Water Elevations	UTRA	NS	15-Dec-2022	113.96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 10	Monitoring Well	UTRA	11-Apr-2022	NS	NS	114.2	10.2	18	3.8	4	18.1	252	0	277	5.91	NS			17800	<EQL (8)	[1.45]	37.9	[1.06]	<EQL (1)	8410	<EQL (30)	10.8	[12.4]	[767]	<EQL (3)	[2610]	273	<EQL (0.2)	32.3
DCB 10	Monitoring Well	UTRA	24-May-2022	12-May-2022	113.06	112.56	11.84	13	107	4	18.8	389	0	427	2.71	NS		X	34800	[3.92]	[6.25]	55.8	[2.42]	<EQL (5)	14700	11.4	30.8	26.9	7310	<EQL (20)	5700	712	<EQL (0.2)	79.2
DCB 10	Monitoring Well	UTRA	NS	16-Jun-2022	112.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 10	Monitoring Well	UTRA	13-Jul-2022	NS	NS	112.16	12.24	16	8	3.6	21.6	416	0	460	3.8	NS			22300	<EQL (3)	<EQL (5)	30.5	3.22	[0.433]	11200	<EQL (10)	19.7	19.4	358	<EQL (2)	3680	436	<EQL (0.2)	54.9
DCB 10	Monitoring Well	UTRA	NS	10-Aug-2022	111.48	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 10	Monitoring Well	UTRA	NS	14-Sep-2022	113.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 10	Monitoring Well	UTRA	NS	12-Oct-2022	111.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 10	Monitoring Well	UTRA	01-Nov-2022	NS	NS	111.9	12.5	NS	NS	3.6	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 10	Monitoring Well	UTRA	NS	15-Dec-2022	113.14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21A	Monitoring Well	UTRA	11-Apr-2022	NS	NS	118.47	9.75	3	0.3	2.6	19.3	609	0	303	5.24	NS			19700	<EQL (8)	<EQL (1)	[22.7]	[1.17]	<EQL (1)	10400	<EQL (30)	19.5	[10]	<EQL (200)	<EQL (3)	[4270]	1100	<EQL (0.2)	40.3
DCB 21A	Monitoring Well	UTRA	24-May-2022	12-May-2022	118.45	117.99	10.23	4	0.3	2.9	19.7	588	0	438	3.86	NS			16400	[9.78]	<EQL (30)	25.4	[1.22]	<EQL (5)	9420	[2.08]	15.7	[12.4]	994	[9.97]	4080	1080	<EQL (0.2)	33.9
DCB 21A	Monitoring Well	UTRA	NS	16-Jun-2022	117.32	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21A	Monitoring Well	UTRA	13-Jul-2022	NS	NS	115.92	12.3	2	0.7	2.8	23.1	559	0	251	3.48	NS			12200	<EQL (3)	<EQL (5)	30	1.4	<EQL (1)	6800	<EQL (10)	12.7	12.1	122	[1.76]	3200	666	<EQL (0.2)	24.6
DCB 21A	Monitoring Well	UTRA	NS	10-Aug-2022	116.31	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21A	Monitoring Well	UTRA	NS	14-Sep-2022	118.45	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21A	Monitoring Well	UTRA	NS	12-Oct-2022	117.52	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21A	Monitoring Well	UTRA	02-Nov-2022	NS	NS	116.99	11.23	NS	NS	3.1	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21A	Monitoring Well	UTRA	17-Nov-2022	NS	NS	117.02	11.2	NS	NS	3.3	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21A	Monitoring Well	UTRA	NS	15-Dec-2022	117.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21B	Monitoring Well	UTRA	11-Apr-2022	NS	NS	113.57	14.66	1	0.4	3	18.3	1110	0	322	4.7	NS			33100	<EQL (8)	[1.36]	[16]	6.24	[3.87]	61100	[94.4]	251	1500	[867]	54.4	37700	3660	<EQL (0.2)	345
DCB 21B	Monitoring Well	UTRA	NS	12-May-2022	113.6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21B	Monitoring Well	UTRA	06-Jun-2022	NS	NS	112.77	15.46	1	0.5	3.2	20.2	1095	0	498	3	NS			31600	[6.77]	<EQL (30)	14.7	6.45	[3.05]	63900	56.7	251	1180	11000	51.7	37000	3590	[0.086]	344
DCB 21B	Monitoring Well	UTRA	13-Jul-2022	NS	NS	111.73	16.5	1	0.5	2.8	22	1150	0	276	2.98	NS			34300	<EQL (3)	[2.08]	15	8.11	3.32	67000	45.6	250	716	745	51.8	37200	3790	<EQL (0.2)	318
DCB 21B	Monitoring Well	UTRA	NS	10-Aug-2022	111.65	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21B	Monitoring Well	UTRA	NS	14-Sep-2022	113.34	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21B	Monitoring Well	UTRA	NS	12-Oct-2022	112.13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21B	Monitoring Well	UTRA	02-Nov-2022	NS	NS	111.91	16.32	NS	NS	3	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21B	Monitoring Well	UTRA	17-Nov-2022	NS	NS	113.09	15.14	NS	NS	3.2	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21B	Monitoring Well	UTRA	NS	15-Dec-2022	112.51	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21C	Monitoring Well	UTRA	11-Apr-2022	12-May-2022	112.62	112.44	16	9	1.4	3.3	19.8	906	0	294	4.21	NS			17800	<EQL (8)	[2.09]	[18.7]	51.8	[1.91]	106000	<EQL (30)	119	[9.81]	3380	<EQL (3)	21100	2170	[0.083]	126
DCB 21C	Monitoring Well	UTRA	NS	12-May-2022	112.62	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21C	Monitoring Well	UTRA	06-Jun-2022	NS	NS	111.81	16.63	8	0.4	3.7	21	929	0	350	1.13	NS			17500	<EQL (100)	<EQL (150)	[16.7]	53	<EQL (25)	109000	<EQL (50)	136	<EQL (100)	4180	<EQL (100)	22100	2570	[0.086]	146
DCB 21C	Monitoring Well	UTRA	13-Jul-2022	NS	NS	111.54	16.9	3	3.3	3.5	23.1	943	0	279	2.12	NS		X	22700	<EQL (3)	5.75	[16.9]	73.9	1.65	113000	<EQL (10)	102	8.37	5580	<EQL (10)	25400	2280	[0.122]	123
DCB 21C	Monitoring Well	UTRA	NS	10-Aug-2022	111.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21C	Monitoring Well	UTRA	NS	14-Sep-2022	112.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21C	Monitoring Well	UTRA	NS	12-Oct-2022	111.34	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21C	Monitoring Well	UTRA	02-Nov-2022	NS	NS	111.46	16.98	NS	NS	3.7	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21C	Monitoring Well	UTRA	17-Nov-2022	NS	NS	111.74	16.7	NS	NS	3.9	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 21C	Monitoring Well	UTRA	NS	15-Dec-2022	113.13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 22A	Monitoring Well	UTRA	11-Apr-2022	NS	NS	115.06	12.09	2	0.7	3.3	17.6	724	0	490	3.08	NS			34800	<EQL (8)	<EQL (1)	[18.6]	5.23	[1.43]	14200	<EQL (30)	82.1	16.8	<EQL (200)	<EQL (3)	9280	3110	<EQL (0.2)	153
DCB 22A	Monitoring Well	UTRA	24-May-2022	12-May-2022	112.15	111.68	15.47	2	5.2	3	18.1	1661	0	366	2.93	NS			141000	<EQL (20)	<EQL (30)	12.9	15.6	5.71	45100	14.8	300	65.3	2400	<EQL (20)	39300	8630	<EQL (0.2)	527
DCB 22A	Monitoring Well	UTRA	NS	16-Jun-2022	110.95	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 22A	Monitoring Well	UTRA	13-Jul-2022	NS	NS	NS	NS	0	NS	NS	NS	NS	NS	NS	NS	NS		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 22A	Monitoring Well	UTRA	NS	10-Aug-2022	110.33	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 22A	Monitoring Well	UTRA	NS	14-Sep-2022	112.27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 22A	Monitoring Well	UTRA	NS	12-Oct-2022	110.85	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 22A	Monitoring Well	UTRA	17-Nov-2022	NS	NS	111.15	16	NS	NS	3.3	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 22A	Monitoring Well	UTRA	NS	15-Dec-2022	111.45	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23A	Water Elevations	UTRA	NS	13-Apr-2022	111.53	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23A	Water Elevations	UTRA	25-May-2022	12-May-2022	110.18	109.69	11.44	1	14.9	4.9	18.7	106	0	125	1.29	NS			[4090]	<EQL (20)	<EQL (30)	71	<EQL (5)	<EQL (5)	4800	[4.27]	[1.25]	[3.83]	11300	[3.59]	2020	731	<EQL (0.2)	6.87
DCB 23A	Water Elevations	UTRA	NS	16-Jun-2022	109.13	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23A	Water Elevations	UTRA	NS	13-Jul-2022	110.53	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23A	Water Elevations	UTRA	NS	10-Aug-2022	109.09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23A	Water Elevations	UTRA	NS	14-Sep-2022	109.84	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23A	Water Elevations	UTRA		12-Oct-2022	108.63	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23A	Water Elevations	UTRA	07-Nov-2022	09-Nov-2022	107.13	108.94	12.19	NS	NS	4.5	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23A	Water Elevations	UTRA		15-Dec-2022	109.05											NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23B	Monitoring Well	UTRA	12-Apr-2022	NS	NS	108.75	12.48	5	0.7	4.1	18.8	890	0	226	1.85	NS			6820	<EQL (8)	<EQL (1)	[19.2]	42.8	[2.03]	69300	<EQL (30)	170	[8.56]	43300	<EQL (3)	37700	3070	[0.326]	184
DCB 23B	Monitoring Well	UTRA	25-May-2022	12-May-2022	107.68	107.18	14.05	4	0.7	4.1	18.8	923	0	237	1.43	NS			8120	<EQL (20)	<EQL (30)	17.6	53.2	[1.53]	76600	<EQL (10)	196	[10.9]	54000	<EQL (20)	42300	3670	0.305	199
DCB 23B	Monitoring Well	UTRA	NS	16-Jun-2022	106.73	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23B	Monitoring Well	UTRA	13-Jul-2022	NS	NS	106.8	14.43	4	0.5	2.2	21.4	869	0	234	0.4	NS			7510	<EQL (3)	<EQL (5)	16.7	57.4	1.93	77000	<EQL (10)	181	8.13	46700	<EQL (2)	39100	3570	[0.193]	191
DCB 23B	Monitoring Well	UTRA	NS	10-Aug-2022	106.11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23B	Monitoring Well	UTRA	NS	14-Sep-2022	107.57	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23B	Monitoring Well	UTRA	NS	12-Oct-2022	106.33	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23B	Monitoring Well	UTRA	01-Nov-2022	NS	NS	106.42	14.81	NS	NS	3.8	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23B	Monitoring Well	UTRA	15-Nov-2022	NS	NS	106.66	14.57	NS	NS	4.1	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23B	Monitoring Well	UTRA	NS	15-Dec-2022	107.21	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23C	Monitoring Well	UTRA	11-Apr-2022	12-May-2022	107.59	108.75	12.24	7	0.6	3.5	19.4	843	0	377	1.44	NS			2040	<EQL (8)	<EQL (1)	[15.9]	84.2	<EQL (1)	53000	<EQL (30)	76.2	<EQL (3)	70800	<EQL (3)	23300	1640	<EQL (0.2)	127
DCB 23C	Monitoring Well	UTRA	26-May-2022	12-May-2022	107.59	107.08	13.91	7	4.9	3.4	18.8	858	0	343	1.4	NS			2290	[5.97]	[8.62]	12.9	103	<EQL (5)	61700	<EQL (10)	84	<EQL (20)	88500	<EQL (20)	25300	1910	<EQL (0.2)	143
DCB 23C	Monitoring Well	UTRA	NS	16-Jun-2022	106.49	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23C	Monitoring Well	UTRA	13-Jul-2022	NS	NS	106.67	14.32	7	1	2.1	21	741	0	242	0.3	NS			1980	<EQL (3)	<EQL (5)	16.3	109	1.07	57500	<EQL (10)	76.5	<EQL (2)	90200	<EQL (2)	22200	1870	<EQL (0.2)	126
DCB 23C	Monitoring Well	UTRA	NS	10-Aug-2022	106.03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23C	Monitoring Well	UTRA	NS	14-Sep-2022	107.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23C	Monitoring Well	UTRA	NS	12-Oct-2022	106.09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23C	Monitoring Well	UTRA	01-Nov-2022	NS	NS	106.39	14.6	NS	NS	4.3	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23C	Monitoring Well	UTRA	15-Nov-2022	NS	NS	106.58	14.41	NS	NS	4.3	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 23C	Monitoring Well	UTRA	NS	15-Dec-2022	107.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 26AR	Water Elevations	UTRA	NS	13-Apr-2022	118.07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 26AR	Water Elevations	UTRA	26-May-2022	12-May-2022	117.15	117.05	8.62	6	1.9	4.9	20.1	151	0	308	3.68	NS			<EQL (200)	<EQL (20)	<EQL (30)	23.5	<EQL (5)	<EQL (5)	3720	[1.56]	[1.07]	[67.3]	100	<EQL (20)	857	[6.39]	<EQL (0.2)	[1.97]
DCB 26AR	Water Elevations	UTRA	NS	16-Jun-2022	116.37	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 26AR	Water Elevations	UTRA	NS	13-Jul-2022	117.34	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 26AR	Water Elevations	UTRA	NS	10-Aug-2022	116.29	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 26AR	Water Elevations	UTRA	NS	14-Sep-2022	117.97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 26AR	Water Elevations	UTRA	NS	12-Oct-2022	116.47	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 26AR	Water Elevations	UTRA	08-Nov-2022	09-Nov-2022	116.67	116.67	9	NS	NS	4.7	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 26AR	Water Elevations	UTRA	NS	15-Dec-2022	117.05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 33B	Water Elevations	UTRA	NS	13-Apr-2022	135.55	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 33B	Water Elevations	UTRA	26-May-2022	12-May-2022	135.2	134.65	8.85	12	0.2	4.9	19.8	62	0	262	7.55	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<EQL (100)	NS	NS	[4.9]	NS	NS
DCB 33B	Water Elevations	UTRA	NS	16-Jun-2022	134.3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 33B	Water Elevations	UTRA	NS	13-Jul-2022	134.23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 33B	Water Elevations	UTRA	NS	10-Aug-2022	133.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 33B	Water Elevations	UTRA	NS	14-Sep-2022	135.76	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 33B	Water Elevations	UTRA	NS	12-Oct-2022	134.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 33B	Water Elevations	UTRA	08-Nov-2022	09-Nov-2022	133.8	133.4	10.1	NS	NS	5.2	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 33B	Water Elevations	UTRA	NS	15-Dec-2022	135.59	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 34A	Monitoring Well	UTRA	11-Apr-2022	NS	NS	117.92	12.93	6	0.4	3.5	19.9	457	0	378	3.67	NS			25100	<EQL (8)	<EQL (1)	[18.8]	7.47	<EQL (1)	8910	<EQL (30)	47.5	45.3	1200	<EQL (3)	[4300]	840	3	69.1
DCB 34A	Monitoring Well	UTRA	26-May-2022	12-May-2022	117.81	117.25	13.6	6	0.3	3.5	19.2	445	0	371	4.6	NS			19500	<EQL (20)	<EQL (30)	28.6	6.87	<EQL (5)	6710	[3.37]	35.2	[41.2]	350	<EQL (20)	2970	682	1.25	48.3
DCB 34A	Monitoring Well	UTRA	NS	16-Jun-2022	116.85	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 34A	Monitoring Well	UTRA	13-Jul-2022	NS	NS	117.71	13.14	6	0.3	3.4	20.2	392	0	446	6.43	NS			21500	<EQL (3)	<EQL (5)	27	7.89	[0.577]	7570	[3.77]	35.4	33.2	332	<EQL (2)	3510	688	1.75	49.9
DCB 34A	Monitoring Well	UTRA	NS	10-Aug-2022	117.22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 34A	Monitoring Well	UTRA	NS	14-Sep-2022	117.85	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 34A	Monitoring Well	UTRA	NS	12-Oct-2022	117.25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 34A	Monitoring Well	UTRA	01-Nov-2022	NS	NS	117.4	13.45	NS	NS	3.4	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 34A	Monitoring Well	UTRA	NS	15-Dec-2022	118	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 34C	Monitoring Well	UTRA	11-Apr-2022	NS	NS	117.79	12.74	16	0.2	3.8	21.4	546	0	414	5.34	NS			11500	<EQL (8)	<EQL (1)	[20.3]	34.9	[1.19]	52200	<EQL (30)	34.4	15.7	<EQL (200)	<EQL (3)	9320	745	<EQL (0.2)	68
DCB 34C	Monitoring Well	UTRA	26-May-2022	12-May-2022	117.74	117.63	12.9	15	0.2	3.8	21.7	508	0	383	6.59	NS			12300	<EQL (20)	<EQL (30)	23.4	39	[1.9]	50700	[7.23]	35.5	[21.3]	491	<EQL (20)	9590	777	<EQL (0.2)	68.8
DCB 34C	Monitoring Well	UTRA	NS	16-Jun-2022	116.93	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 34C	Monitoring Well	UTRA	13-Jul-2022	NS	NS	117.61	12.92	15	0.2	3.7	21.3	502	0	433	5.54	NS			12800	<EQL (3)	<EQL (5)	22.4	42.2	1.07	44000	[4.73]	33.1	14.7	422	<EQL (2)	9060	718	<EQL (0.2)	62.5
DCB 34C	Monitoring Well	UTRA	NS	10-Aug-2022	117.15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 34C	Monitoring Well	UTRA	NS	14-Sep-2022	117.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 34C	Monitoring Well	UTRA	NS	12-Oct-2022	117.23	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 34C	Monitoring Well	UTRA	01-Nov-2022	NS	NS	117.31	13.22	NS	NS	3.7	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 34C	Monitoring Well	UTRA	NS	15-Dec-2022	117.91	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 35A	Monitoring Well	UTRA	12-Apr-2022	NS	NS	112.95	8.05	7	2.1	3.6	19.5	766	0	276	6.24	NS			21600	<EQL (8)	<EQL (1)	[13.4]	45	[3.6]	50700	<EQL (30)	345	20.6	<EQL (200)	<EQL (3)	32100	9920	[0.546]	203
DCB 35A	Monitoring Well	UTRA	26-May-2022	12-May-2022	112.46	112.2	8.8	7	0.8	3.9	19.1	763	0	240	3.11	NS			23500	<EQL (100)	<EQL (150)	[15]	55.6	[5.32]	55300	[8.8]	370	<EQL (100)	<EQL (100)	<EQL (100)	33000	10800	0.65	222
DCB 35A	Monitoring Well	UTRA	NS	16-Jun-2022	111.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 35A	Monitoring Well	UTRA	13-Jul-2022	NS	NS	112.2	8.8	6	1.9	3.8	19.5	711	0	437	2.66	NS			22500	<EQL (3)	<EQL (5)	12.3	58.2	3.21	48600	[3.9]	342	10.8	[33.5]	[0.569]	32300	9010	0.536	175
DCB 35A	Monitoring Well	UTRA	NS	10-Aug-2022	111.69	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 35A	Monitoring Well	UTRA	NS	14-Sep-2022	112.66	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

DCB 35A	Monitoring Well	UTRA	NS	12-Oct-2022	111.7	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 35A	Monitoring Well	UTRA	01-Nov-2022	NS	NS	112	9	NS	NS	3.9	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 35A	Monitoring Well	UTRA	16-Nov-2022	NS	NS	112.28	8.72	NS	NS	3.8	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 35A	Monitoring Well	UTRA	NS	15-Dec-2022	112.68	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 35C	Monitoring Well	UTRA	12-Apr-2022	NS	NS	112.93	8.02	14	0.2	4.6	19.7	780	0	311	2.07	NS			[713]	<EQL (8)	<EQL (1)	33.9	11.8	<EQL (1)	116000	<EQL (30)	32.7	<EQL (3)	<EQL (200)	<EQL (3)	23000	533	[0.271]	25.1
DCB 35C	Monitoring Well	UTRA	NS	12-May-2022	112.51	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 35C	Monitoring Well	UTRA	01-Jun-2022	16-Jun-2022	111.65	112.07	8.88	12	1.6	4.7	19.9	783	0	314	4.18	NS			728	[10.9]	<EQL (30)	38.1	11.9	<EQL (5)	127000	[1.02]	53.4	<EQL (20)	<EQL (100)	<EQL (20)	24400	535	<EQL (0.2)	26.2
DCB 35C	Monitoring Well	UTRA	13-Jul-2022	NS	NS	112.12	8.83	13	0.4	4.7	20	799	0	349	0.86	NS			724	<EQL (3)	<EQL (5)	38.6	13.9	[0.492]	122000	[3.06]	27.2	[0.705]	<EQL (100)	<EQL (2)	25600	494	[0.196]	22.6
DCB 35C	Monitoring Well	UTRA	NS	10-Aug-2022	111.61	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 35C	Monitoring Well	UTRA	NS	14-Sep-2022	112.58	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 35C	Monitoring Well	UTRA	NS	12-Oct-2022	111.65	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 35C	Monitoring Well	UTRA	01-Nov-2022	NS	NS	111.8	9.15	NS	NS	4.7	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 35C	Monitoring Well	UTRA	16-Nov-2022	NS	NS	112.13	8.82	NS	NS	4.7	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 35C	Monitoring Well	UTRA	NS	15-Dec-2022	112.57	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 36A	Monitoring Well	UTRA	12-Apr-2022	NS	NS	114.78	12.04	4	0.9	4.5	19.7	189	0	248	4.21	NS			1280	<EQL (8)	<EQL (1)	32.1	<EQL (1)	<EQL (1)	12600	<EQL (30)	16.7	[3.38]	3510	<EQL (3)	5120	331	[0.224]	[14]
DCB 36A	Monitoring Well	UTRA	NS	12-May-2022	114.15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 36A	Monitoring Well	UTRA	06-Jun-2022	16-Jun-2022	113.22	113.52	13.3	4	0.4	4.6	18.3	186	0	249	4.1	NS			2000	<EQL (20)	<EQL (30)	40.5	<EQL (5)	<EQL (5)	9080	[3.46]	8.22	[4.96]	3200	<EQL (20)	5240	237	0.236	9.76
DCB 36A	Monitoring Well	UTRA	13-Jul-2022	NS	NS	113.69	13.13	4	0.4	4.2	20.8	238	0	229	2.36	NS			1620	<EQL (3)	<EQL (5)	41.1	1.3	<EQL (1)	15700	<EQL (10)	13.4	3.45	6540	<EQL (2)	6130	338	[0.139]	15.4
DCB 36A	Monitoring Well	UTRA	NS	10-Aug-2022	113.01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 36A	Monitoring Well	UTRA	NS	14-Sep-2022	114.46	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 36A	Monitoring Well	UTRA	NS	12-Oct-2022	113.22	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 36A	Monitoring Well	UTRA	01-Nov-2022	NS	NS	113.43	13.39	NS	NS	4.2	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 36A	Monitoring Well	UTRA	NS	15-Dec-2022	113.97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 36C	Monitoring Well	UTRA	12-Apr-2022	NS	NS	114.27	12.54	12	0.3	3.7	20.1	840	0	253	3.31	NS			15000	<EQL (8)	<EQL (1)	14.3	12.3	1.88	40100	<EQL (30)	96.3	20.9	104000	<EQL (3)	15500	1420	<EQL (0.2)	189
DCB 36C	Monitoring Well	UTRA	NS	12-May-2022	113.62	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 36C	Monitoring Well	UTRA	06-Jun-2022	16-Jun-2022	112.71	113.05	13.76	12	0.3	3.8	19.7	934	0	230	2.28	NS			18900	[10.4]	[5.82]	5.52	15.4	<EQL (5)	41500	<EQL (10)	115	37.5	128000	<EQL (20)	18800	1740	[0.117]	230
DCB 36C	Monitoring Well	UTRA	13-Jul-2022	NS	NS	113.07	13.74	8	0.2	3.5	21.1	965	0	212	1.16	NS			20200	<EQL (3)	<EQL (5)	14.5	17.9	2.28	41400	<EQL (10)	109	22.9	127000	<EQL (2)	21600	1770	[0.11]	215
DCB 36C	Monitoring Well	UTRA	NS	10-Aug-2022	112.51	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 36C	Monitoring Well	UTRA	NS	14-Sep-2022	113.85	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 36C	Monitoring Well	UTRA	NS	12-Oct-2022	112.61	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 36C	Monitoring Well	UTRA	01-Nov-2022	NS	NS	112.91	13.9	NS	NS	3.7	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 36C	Monitoring Well	UTRA	NS	15-Dec-2022	113.83	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 37A	Monitoring Well	UTRA	12-Apr-2022	NS	NS	118.22	11.2	7	0.3	4.8	19.7	546	0	233	5.83	NS			[502]	<EQL (8)	<EQL (1)	25.2	[1.8]	<EQL (1)	62200	<EQL (30)	25.2	<EQL (3)	<EQL (200)	<EQL (3)	21300	796	[0.581]	[12.6]
DCB 37A	Monitoring Well	UTRA	NS	12-May-2022	117.68	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 37A	Monitoring Well	UTRA	06-Jun-2022	16-Jun-2022	116.52	117.12	12.3	6	0.3	4.6	20.3	527	0	260	5.2	NS			437	<EQL (20)	<EQL (30)	24.6	[1.8]	[1.35]	60600	[5.7]	22.4	[12.7]	<EQL (100)	[13.4]	20300	702	0.432	10.8
DCB 37A	Monitoring Well	UTRA	13-Jul-2022	NS	NS	117.11	12.31	5	0.2	4.6	21.4	514	0	266	2.6	NS			487	<EQL (3)	<EQL (5)	23.4	2.34	<EQL (1)	61800	[4.4]	22.3	16.6	[41]	4.52	19800	664	0.585	11.2
DCB 37A	Monitoring Well	UTRA	NS	10-Aug-2022	116.6	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 37A	Monitoring Well	UTRA	NS	14-Sep-2022	118.25	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 37A	Monitoring Well	UTRA	NS	12-Oct-2022	116.92	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 37A	Monitoring Well	UTRA	01-Nov-2022	NS	NS	116.8	12.62	NS	NS	4.4	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 37A	Monitoring Well	UTRA	16-Nov-2022	NS	NS	117.14	12.28	NS	NS	4.5	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 37A	Monitoring Well	UTRA	NS	15-Dec-2022	117.66	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 41A	Water Elevations	UTRA	NS	13-Apr-2022	122.07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 41A	Water Elevations	UTRA	NS	12-May-2022	121.62	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 41A	Water Elevations	UTRA	01-Jun-2022	16-Jun-2022	120.57	121.16	12.71	7	0.8	5.4	21.9	52	2	237	4.96	NS			<EQL (200)	[6.07]	<EQL (30)	14.4	<EQL (5)	<EQL (5)	4380	[1.32]	<EQL (5)	<EQL (20)	<EQL (100)	[5.13]	685	[4.18]	<EQL (0.2)	<EQL (5)
DCB 41A	Water Elevations	UTRA	NS	13-Jul-2022	121.71	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 41A	Water Elevations	UTRA	NS	10-Aug-2022	120.89	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 41A	Water Elevations	UTRA	NS	14-Sep-2022	122.55	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 41A	Water Elevations	UTRA	NS	12-Oct-2022	121.07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 41A	Water Elevations	UTRA	NS	09-Nov-2022	120.87	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 41A	Water Elevations	UTRA	NS	15-Dec-2022	121.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 44A	Water Elevations	UTRA	NS	13-Apr-2022	126.49	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 44A	Water Elevations	UTRA	26-May-2022	12-May-2022	126.01	125.6	12.19	6	0.3	4.9	22.1	27	2	239	2.37	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	<EQL (100)	NS	NS	<EQL (25)	NS	NS
DCB 44A	Water Elevations	UTRA	NS	16-Jun-2022	125.27	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 44A	Water Elevations	UTRA	NS	13-Jul-2022	126.31	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 44A	Water Elevations	UTRA	NS	10-Aug-2022	125.17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 44A	Water Elevations	UTRA	NS	14-Sep-2022	127.29	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 44A	Water Elevations	UTRA	NS	12-Oct-2022	125.19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 44A	Water Elevations	UTRA	NS	09-Nov-2022	124.83	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 44A	Water Elevations	UTRA	NS	15-Dec-2022	126.54	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 45A	Water Elevations	UTRA	NS	13-Apr-2022	125.43	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 45A	Water Elevations	UTRA	26-May-2022	12-May-2022	124.96	124.54	13.4	7	2.9	5.4	20.5	33	6	209	4.8	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	150	NS	NS	[2.27]	NS	NS
DCB 45A	Water Elevations	UTRA	NS	16-Jun-2022	124.24	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 45A	Water Elevations	UTRA	NS	13-Jul-2022	125.32	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 45A	Water Elevations	UTRA	NS	10-Aug-2022	124.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 45A	Water Elevations	UTRA	NS	14-Sep-2022	126.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 45A	Water Elevations	UTRA	NS	12-Oct-2022	124.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 45A	Water Elevations	UTRA	10-Nov-2022	09-Nov-2022	124.04	124.29	13.65	NS	NS	5	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 45A	Water Elevations	UTRA	NS	15-Dec-2022	125.4	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 49	Water Elevations	UTRA	NS	13-Apr-2022	117.69	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 49	Water Elevations	UTRA	NS	12-May-2022	117.06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 49	Water Elevations	UTRA	NS	16-Jun-2022	116.42	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 49	Water Elevations	UTRA	NS	13-Jul-2022	117.45	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 49	Water Elevations	UTRA	NS	10-Aug-2022	116.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 49	Water Elevations	UTRA	NS	14-Sep-2022	117.52	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 49	Water Elevations	UTRA	NS	12-Oct-2022	116.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 49	Water Elevations	UTRA	NS	09-Nov-2022	116.42	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 49	Water Elevations	UTRA	NS	15-Dec-2022	119.17	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 53	Water Elevations	UTRA	NS	13-Apr-2022	102.37	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 53	Water Elevations	UTRA	26-May-2022	12-May-2022	101.27	100.7	15.9	10	1.2	5.8	20	359	62	129	2.17	NS			<EQL (200)	[4.5]	<EQL (30)	324	[1.32]	<EQL (5)	30600	<EQL (10)	17.6	<EQL (20)	20500	<EQL (20)	2040	327	<EQL (0.2)	7.04
DCB 53	Water Elevations	UTRA	NS	16-Jun-2022	100.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 53	Water Elevations	UTRA	NS	13-Jul-2022	100.42	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 53	Water Elevations	UTRA	NS	10-Aug-2022	99.96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 53	Water Elevations	UTRA	NS	14-Sep-2022	100.85	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 53	Water Elevations	UTRA	NS	12-Oct-2022	99.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 53	Water Elevations	UTRA	NS	09-Nov-2022	100	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 53	Water Elevations	UTRA	NS	15-Dec-2022	100.58	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 70A	Monitoring Well	UTRA	12-Apr-2022	NS	NS	113.31	5.91	3	3.4	3.5	18.5	184	0	251	6.12	NS			17200	<EQL (8)	<EQL (1)	50.6	[2.88]	[1.86]	5660	<EQL (30)	39.9	35.8	1380	<EQL (3)	[4740]	517	<EQL (0.2)	86.3
DCB 70A	Monitoring Well	UTRA	NS	12-May-2022	111.88	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 70A	Monitoring Well	UTRA	06-Jun-2022	16-Jun-2022	110.02	111.72	7.5	2	12.8	3.8	19.5	709	0	305	4.9	NS			47300	[3.94]	<EQL (30)	23	8.73	[2.46]	15300	12.6	107	[1280]	16000	[239]	14200	1430	<EQL (0.2)	215
DCB 70A	Monitoring Well	UTRA	13-Jul-2022	NS	NS	110.19	9.03	2	2.5	3.5	21.6	733	0	365	1.36	NS			46500	<EQL (3)	[2.05]	20.4	12.4	2.47	15100	11.8	101	109	1600	3.14	15700	1570	<EQL (0.2)	177
DCB 70A	Monitoring Well	UTRA	NS	10-Aug-2022	109.02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 70A	Monitoring Well	UTRA	NS	14-Sep-2022	111.45	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 70A	Monitoring Well	UTRA	NS	12-Oct-2022	109.52	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 70A	Monitoring Well	UTRA	02-Nov-2022	NS	NS	110	9.22	NS	NS	3.6	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 70A	Monitoring Well	UTRA	17-Nov-2022	NS	NS	110.44	8.78	NS	NS	3.6	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB 70A	Monitoring Well	UTRA	NS	15-Dec-2022	111.2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB077	Monitoring Well	UTRA	12-Apr-2022	NS	NS	115.99	14.65	2	2.1	5.4	19	212	13	194	2.27	NS			<EQL (200)	<EQL (8)	<EQL (1)	44.7	<EQL (1)	<EQL (1)	28000	<EQL (30)	<EQL (2)	<EQL (3)	[586]	<EQL (3)	[2210]	25.4	<EQL (0.2)	<EQL (4)
DCB077	Monitoring Well	UTRA	NS	12-May-2022	114.12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB077	Monitoring Well	UTRA	06-Jun-2022	16-Jun-2022	107.29	114.24	16.4	1	12.7	4.4	19.7	1006	0	309	4.5	NS			2890	[5.3]	<EQL (30)	74.6	[2.05]	[1.46]	119000	[5.94]	[1.43]	[7.35]	10000	[7.54]	15100	4260	<EQL (0.2)	[4.75]
DCB077	Monitoring Well	UTRA	13-Jul-2022	NS	NS	107.44	23.2	1	10.9	4.4	19.8	1022	0	328	4.4	NS			6360	<EQL (3)	<EQL (5)	33.8	4.05	<EQL (1)	154000	<EQL (10)	3.55	3.65	29600	3.34	20600	6480	<EQL (0.2)	8.4
DCB077	Monitoring Well	UTRA	NS	10-Aug-2022	107.19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB077	Monitoring Well	UTRA	NS	14-Sep-2022	118.1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB077	Monitoring Well	UTRA	NS	12-Oct-2022	107.14	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB077	Monitoring Well	UTRA	01-Nov-2022	NS	NS	108.35	22.29	NS	NS	3.4	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB077	Monitoring Well	UTRA	NS	15-Dec-2022	111.9	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB078	Monitoring Well	UTRA	12-Apr-2022	NS	NS	106.28	20.28	1	12.6	4	20	877	0	204	2.55	NS			20900	<EQL (8)	<EQL (1)	[19.2]	36.6	[2.45]	64200	<EQL (30)	258	26.3	38800	<EQL (3)	28300	4520	[0.333]	223
DCB078	Monitoring Well	UTRA	NS	12-May-2022	107.15	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB078	Monitoring Well	UTRA	02-Jun-2022	16-Jun-2022	103.86	104.26	22.3	1	10.3	4.2	20.4	858	0	241	3.9	NS			23100	<EQL (20)	<EQL (30)	19.5	40.4	[1.66]	67500	[1.24]	273	[17.7]	42200	[15.2]	30100	4570	[0.085]	238
DCB078	Monitoring Well	UTRA	13-Jul-2022	NS	NS	103.96	22.6	1	11.2	4.1	20.3	900	0	235	3.8	NS			24200	<EQL (3)	<EQL (5)	19.1	48.4	2.13	67200	<EQL (10)	244	5.52	35700	<EQL (2)	32200	4520	<EQL (0.2)	221
DCB078	Monitoring Well	UTRA	NS	10-Aug-2022	103.47	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB078	Monitoring Well	UTRA	NS	14-Sep-2022	104.77	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB078	Monitoring Well	UTRA	NS	12-Oct-2022	103.66	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB078	Monitoring Well	UTRA	01-Nov-2022	NS	NS	103.56	23	NS	NS	4	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB078	Monitoring Well	UTRA	16-Nov-2022	NS	NS	103.83	22.73	NS	NS	4.2	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB078	Monitoring Well	UTRA	NS	15-Dec-2022	104.42	103.83	22.73			4.2						NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB087A	Monitoring Well	UTRA	11-Apr-2022	NS	NS	123.03	11.46	2	2	3.8	19.6	1595	0	272	2.04	NS			38900	<EQL (8)	3.62	15.3	9.58	4.59	79200	<EQL (30)	210	5.77	152000	<EQL (3)	62800	6090	<EQL (0.2)	400
DCB087A	Monitoring Well	UTRA	NS	12-May-2022	124.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB087A	Monitoring Well	UTRA	06-Jun-2022	16-Jun-2022	122.79	122.99	11.5	2	11	3.4	22.9	2153	0	11	2.73	NS			72500	<EQL (200)	<EQL (300)	<EQL (50)	[18.5]	<EQL (50)	115000	<EQL (100)	393	<EQL (200)	290000	<EQL (200)	85100	14800	<EQL (0.2)	628
DCB087A	Monitoring Well	UTRA	13-Jul-2022	NS	NS	122.99	11.5	1	8.2	3.8	20.8	2180	0	269	3.7	NS			74300	<EQL (3)	13.2	15.5	18.4	6.45	111000	<EQL (10)	394	8.23	308000	<EQL (2)	82200	14700	<EQL (0.2)	534
DCB087A	Monitoring Well	UTRA	NS	10-Aug-2022	122.71	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB087A	Monitoring Well	UTRA	NS	14-Sep-2022	124.39	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB087A	Monitoring Well	UTRA	NS	12-Oct-2022	123.99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB087A	Monitoring Well	UTRA	02-Nov-2022	NS	NS	122.46	12.03	NS	NS	3.6	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB087A	Monitoring Well	UTRA	15-Nov-2022	NS	NS	122.68	11.81	NS	NS	3.6	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB087A	Monitoring Well	UTRA	NS	15-Dec-2022	123.79	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB087D	Monitoring Well	GAU	11-Apr-2022	NS	NS	115.93	18.43	2	2.1	5.8	21.2	57	11	-136	1.61	NS			<EQL (200)	<EQL (8)	<EQL (1)	26.3	<EQL (1)	<EQL (1)	5490	<EQL (30)	<EQL (2)	<EQL (3)	1120	<EQL (3)	<EQL (1000)	[18]	<EQL (0.2)	<EQL (4)
DCB087D	Monitoring Well	GAU	NS	12-May-2022	115.5	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB087D	Monitoring Well	GAU	06-Jun-2022	16-Jun-2022	114.26	114.51	19.85	0	6.9	5.8	23.3	65	8	28	1.96	NS			<EQL (200)	<EQL (20)	<EQL (30)	28.9	<EQL (5)	<EQL (5)	6070	[1.08]	<EQL (5)	<EQL (20)	1470	<EQL (20)	515	17.2	<EQL (0.2)	<EQL (5)
DCB087D	Monitoring Well	GAU	13-Jul-2022	NS	NS	114.36	20	2	5.3	5.7	21.4	58	12	194	4.1	NS			<EQL (50)	<EQL (3)	<EQL (5)	28.4	1.4	<EQL (1)	5730	<EQL (10)	<EQL (1)	<EQL (2)	3290	<EQL (2)	503	16.6	<EQL (0.2)	<EQL (2)
DCB087D	Monitoring Well	GAU	NS	10-Aug-2022	113.88	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB087D	Monitoring Well	GAU	NS	14-Sep-2022	114.07	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB087D	Monitoring Well	GAU	NS	12-Oct-2022	113.66											NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB087D	Monitoring Well	GAU	02-Nov-2022	NS	NS	113.3	21.06	NS	NS	5.7	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB087D	Monitoring Well	GAU	15-Nov-2022	NS	NS	113.26	21.1	NS	NS	6	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DCB087D	Monitoring Well	GAU	NS	15-Dec-2022	113.43	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-4	Surface Water		13-Apr-2022	NS	NS	NS	NS	NS	1.1	3.5	16.8	670	0	295	3.79	0.06			5090	<EQL (8)	[0.541]	39.1	1.96	<EQL (1)	35400	<EQL (30)	4.71	<EQL (3)	27900	<EQL (3)	6080	776	<EQL (0.2)	10.4
DSWM-4	Surface Water		25-May-2022	NS	NS	NS	NS	NS	3.3	2.9	21.5	535	0	450	2.78	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-4	Surface Water		13-Jul-2022	NS	NS	NS	NS	NS	4	3.1	24.1	566	0	378	2.82	0.0071			2940	<EQL (3)	<EQL (5)	36.6	1.62	<EQL (1)	21600	<EQL (10)	2.36	[0.946]	34700	<EQL (2)	4860	617	<EQL (0.2)	4.83
DSWM-4	Surface Water		08-Nov-2022	NS	NS	NS	NS	NS	NS	3.2	NS	NS	NS	NS	NS	0.043		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-4A	Surface Water		13-Apr-2022	NS	NS	NS	NS	NS	1.2	3.3	16.8	646	0	465	3.49	0.005			8040	<EQL (8)	<EQL (1)	36.9	2.98	1.23	31100	<EQL (30)	19.2	6.48	7360	<EQL (3)	6630	944	<EQL (0.2)	37
DSWM-4A	Surface Water		13-Jul-2022	NS	NS	NS	NS	NS	1	2.9	24.9	515	0	492	1.72	0.0			1690	<EQL (3)	<EQL (5)	35.3	1.1	<EQL (1)	16300	<EQL (10)	2.44	[1.43]	6330	<EQL (2)	3410	414	<EQL (0.2)	4.75
DSWM-4A	Surface Water		08-Nov-2022	NS	NS	NS	NS	NS	NS	2.9	NS	NS	NS	NS	NS	NS		NR, I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-4B	Surface Water		13-Apr-2022	NS	NS	NS	NS	NS	2.4	3.6	16.9	459	0	473	3.59	0.073			5800	<EQL (8)	[0.945]	49.9	4.08	[0.885]	27700	<EQL (30)	24.8	5.02	4440	<EQL (3)	7170	988	<EQL (0.2)	34.4
DSWM-4B	Surface Water		13-Jul-2022	NS	NS	NS	NS	NS	1.9	3.3	24.2	337	0	481	11.14	0.0597			2220	<EQL (3)	<EQL (5)	34.7	3.14	<EQL (1)	14700	<EQL (10)	14	2.63	4060	<EQL (2)	4320	571	<EQL (0.2)	16
DSWM-4B	Surface Water		08-Nov-2022	NS	NS	NS	NS	NS	NS	3.1	NS	NS	NS	NS	NS	0.023		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-4C	Surface Water		13-Apr-2022	NS	NS	NS	NS	NS	3	3.6	16.4	283	0	470	3.08	0.378			3510	<EQL (8)	<EQL (1)	40.4	7.34	<EQL (1)	17000	<EQL (30)	18.8	[2.77]	1670	<EQL (3)	3990	516	<EQL (0.2)	27.8
DSWM-4C	Surface Water		13-Jul-2022	NS	NS	NS	NS	NS	1.6	3.5	23.7	305	0	459	10.69	0.2392			4990	<EQL (3)	<EQL (5)	64.3	13.3	[0.368]	19400	<EQL (10)	21.4	2.33	2230	<EQL (2)	4480	450	<EQL (0.2)	36
DSWM-4C	Surface Water		08-Nov-2022	NS	NS	NS	NS	NS	NS	3.4	NS	NS	NS	NS	NS	0.254		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-5	Surface Water		13-Apr-2022	NS	NS	NS	NS	NS	40	5.4	16.9	70	3	252	2.11	0.008			531	<EQL (8)	<EQL (1)	38.1	<EQL (1)	<EQL (1)	4180	<EQL (30)	<EQL (2)	4.8	1700	<EQL (3)	[969]	51.4	<EQL (0.2)	8.79
DSWM-5	Surface Water		25-May-2022	NS	NS	NS	NS	NS	9.9	6.2	18.9	34	17	112	2.36	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-5	Surface Water		13-Jul-2022	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0		Dry	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-5	Surface Water		08-Nov-2022	NS	NS	NS	NS	NS	NS	6	NS	NS	NS	NS	NS	NS		NR, I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-6	Surface Water		13-Apr-2022	NS	NS	NS	NS	NS	5.4	5.2	19.2	45	4	225	3.4	0.14			304	<EQL (8)	<EQL (1)	27.2	<EQL (1)	<EQL (1)	3510	<EQL (30)	<EQL (2)	[1.59]	676	<EQL (3)	[925]	75.2	<EQL (0.2)	4.09
DSWM-6	Surface Water		25-May-2022	NS	NS	NS	NS	NS	8	6.3	21.6	30	11	179	1.81				NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-6	Surface Water		13-Jul-2022	NS	NS	NS	NS	NS	4.3	6.2	24.1	33	5	160	2.88	NS		I	116	<EQL (3)	<EQL (5)	16.8	<EQL (0.5)	<EQL (1)	2150	<EQL (10)	<EQL (1)	[0.587]	546	<EQL (2)	622	46.2	<EQL (0.2)	[1.79]
DSWM-6	Surface Water		08-Nov-2022	NS	NS	NS	NS	NS	NS	6.2	NS	NS	NS	NS	NS	NS		NR, I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-7	Surface Water		13-Apr-2022	NS	NS	NS	NS	NS	2.1	3.9	17.2	204	0	439	2.65	NS		I	2620	<EQL (8)	<EQL (1)	36.6	5.18	<EQL (1)	12800	<EQL (30)	13.1	[2.02]	1040	<EQL (3)	3110	370	<EQL (0.2)	19.7
DSWM-7	Surface Water		25-May-2022	NS	NS	NS	NS	NS	4.2	4.3	22.2	228	0	373	2.61	NS			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-7	Surface Water		13-Jul-2022	NS	NS	NS	NS	NS	3.6	4.2	24.9	233	0	442	3.61	NS		I	3900	<EQL (3)	[2.1]	50.2	10.9	[0.335]	14500	<EQL (10)	17.1	2.39	1610	<EQL (2)	3630	410	<EQL (0.2)	28.7
DSWM-7	Surface Water		08-Nov-2022	NS	NS	NS	NS	NS	NS	3.8	NS	NS	NS	NS	NS	NS		NR, I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-8	Surface Water		05-Jan-2022	NS	NS	NS	NS	NS	2.2	4.1	11	167	0	365	7.51	0.869			2460	<EQL (8)	<EQL (10)	36.3	<EQL (10)	<EQL (1)	12000	<EQL (300)	<EQL (20)	<EQL (30)	<EQL (2000)	<EQL (3)	<EQL (10000)	392	0.229	<EQL (40)
DSWM-8	Surface Water		16-Feb-2022	NS	NS	NS	NS	NS	0.7	3.8	8.8	272	0	370	4.82	0.114			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-8	Surface Water		09-Mar-2022	NS	NS	NS	NS	NS	4.9	3.8	18	285	0	441	2.51	0.0754			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-8	Surface Water		13-Apr-2022	NS	NS	NS	NS	NS	1.8	3.9	17.3	205	0	432	3.61	0.163			2700	<EQL (8)	<EQL (1)	36.8	5.18	<EQL (1)	12700	<EQL (30)	13.3	[2.2]	919	<EQL (3)	3080	370	[0.116]	20
DSWM-8	Surface Water		11-May-2022	NS	NS	NS	NS	NS	6.7	3.8	17.8	223	0	458	1.63	NS		I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-8	Surface Water		08-Jun-2022	NS	NS	NS	NS	NS	4.9	3.8	24.1	210	0	404	3.33	0.008			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-8	Surface Water		13-Jul-2022	NS	NS	NS	NS	NS	4.4	3.9	24.6	232	0	434	2.07	0.153			3400	<EQL (3)	<EQL (5)	48.3	9.22	[0.358]	13900	<EQL (10)	17	2.42	1700	<EQL (2)	3380	429	<EQL (0.2)	26.7
DSWM-8	Surface Water		10-Aug-2022	NS	NS	NS	NS	NS	1.8	4.3	24.9	161	0	247	2.96	0.0472			921	<EQL (3)	<EQL (5)	34.8	4.24	<EQL (1)	10700	<EQL (10)	8.29	[0.553]	670	<EQL (2)	2620	360	<EQL (0.2)	12.2
DSWM-8	Surface Water		14-Sep-2022	NS	NS	NS	NS	NS	4.9	3.8	21.9	213	0	397	3.24	0.085			1890	<EQL (3)	<EQL (5)	49.3	5.23	<EQL (1)	11400	<EQL (10)	12	[1.13]	1850	<EQL (2)	2900	433	<EQL (0.2)	19.1
DSWM-8	Surface Water		12-Oct-2022	NS	NS	NS	NS	NS	NS	4.3	NS	NS	NS	NS	NS	NS		I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-8	Surface Water		09-Nov-2022	NS	NS	NS	NS	NS	NS	3.7	NS	NS	NS	NS	NS	NS		NR, I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-8	Surface Water		10-Nov-2022	NS	NS	NS	NS	NS	NS	3.9	NS	NS	NS	NS	NS	NS		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-8	Surface Water		14-Dec-2022	NS	NS	NS	NS	NS	NS	3.9	NS	NS	NS	NS	NS	0.0093			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-8A	Surface Water		05-Jan-2022	NS	NS	NS	NS	NS	2.7	4.1	11	165	0	409	8.11	1.116			2460	<EQL (8)	<EQL (10)	36.5	<EQL (10)	<EQL (1)	12700	<EQL (300)	<EQL (20)	<EQL (30)	<EQL (2000)	<EQL (3)	<EQL (10000)	403	0.217	<EQL (40)
DSWM-8A	Surface Water		16-Feb-2022	NS	NS	NS	NS	NS	0.7	3.8	8.8	240	0	384	4.51	0.234			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-8A	Surface Water		09-Mar-2022	NS	NS	NS	NS	NS	4.2	3.8	17.7	274	0	476	2.78	0.0908			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-8A	Surface Water		13-Apr-2022	NS	NS	NS	NS	NS	2.6	3.9	17.3	202	0	436	3.82	0.2373			2620	<EQL (8)	<EQL (1)	38.1	5.05	<EQL (1)	13100	<EQL (30)	13.7	[2.48]	933	<EQL (3)	3130	383	<EQL (0.2)	20.6
DSWM-8A	Surface Water		11-May-2022	NS	NS	NS	NS	NS	5.3	3.9	17.8	215	0	483	1.62	NS		I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-8A	Surface Water		08-Jun-2022	NS	NS	NS	NS	NS	7.6	4	23.9	188	0	414	1.62	0.024			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-8A	Surface Water		13-Jul-2022	NS	NS	NS	NS	NS	5	4.1	24.6	212	0	376	2.91	NS		I	3280	<EQL (3)	<EQL (5)	51.7	8.44	<EQL (1)	18700	<EQL (10)	14.9	[1.94]	1180	<EQL (2)	3550	390	<EQL (0.2)	24.4
DSWM-8A	Surface Water		10-Aug-2022	NS	NS	NS	NS	NS	6.1	4.8	25.4	146	0	243	1.98	0.0031			549	<EQL (3)	[2.35]	36.2	3.15	<EQL (1)	14700	<EQL (10)	7.81	[0.328]	625	<EQL (2)	2810	394	[0.109]	11.1
DSWM-8A	Surface Water		14-Sep-2022	NS	NS	NS	NS	NS	5	3.8	21.9	213	0	471	3.41	0.175			1860	<EQL (3)	<EQL (5)	49.1	5.24	<EQL (1)	12300	<EQL (10)	11.6	[1.11]	1620	<EQL (2)	2910	435	<EQL (0.2)	18.6
DSWM-8A	Surface Water		12-Oct-2022	NS	NS	NS	NS	NS	NS	4.9	NS	NS	NS	NS	NS	NS		I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-8A	Surface Water		09-Nov-2022	NS	NS	NS	NS	NS	NS	4	NS	NS	NS	NS	NS	0.046		NR	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-8A	Surface Water		14-Dec-2022	NS	NS	NS	NS	NS	NS	4.1	NS	NS	NS	NS	NS	0.2975			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-9	Surface Water		05-Jan-2022	NS	NS	NS	NS	NS	2.4	4.2	11	157	0	395	2.88	NS		I	2400	<EQL (8)	<EQL (1)	39.2	<EQL (10)	<EQL (1)	11700	<EQL (30)	12	4.82	720	<EQL (3)	<EQL (10000)	387	0.242	19
DSWM-9	Surface Water		16-Feb-2022	NS	NS	NS	NS	NS	1.4	4.1	8.4	222	0	363	5.5	NS		I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-9	Surface Water		09-Mar-2022	NS	NS	NS	NS	NS	8.4	4.3	17.8	244	0	388	3.17	0.2381			NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-9	Surface Water		13-Apr-2022	NS	NS	NS	NS	NS	2.5	4.1	17.6	190	0	406	5.17	0.3983			2530	<EQL (8)	<EQL (1)	40.5	4.98	<EQL (1)	13900	<EQL (30)	13.1	[2.23]	1220	<EQL (3)	3140	390	<EQL (0.2)	19.9
DSWM-9	Surface Water		11-May-2022	NS	NS	NS	NS	NS	11.3	4.9	16.9	199	0	219	1.99	NS		I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-9	Surface Water		08-Jun-2022	NS	NS	NS	NS	NS	16.7	5.8	23.8	180	11	152	4.03	NS		I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-9	Surface Water		13-Jul-2022	NS	NS	NS	NS	NS	5.1	4.2	24.6	203	0	308	2.81	0.66			2990	<EQL (3)	<EQL (5)	56.8	8.58	[0.324]	18100	<EQL (10)	14.6	[1.84]	1290	<EQL (2)	3590	444	<EQL (0.2)	23.8
DSWM-9	Surface Water		10-Aug-2022	NS	NS	NS	NS	NS	NS	6.2	NS	NS	NS	NS	NS	NS		I	107	<EQL (3)	<EQL (5)	51.2	[0.458]	<EQL (1)	28700	<EQL (10)	2.69	[0.349]	3250	<EQL (2)	3140	283	0.301	3.91
DSWM-9	Surface Water		14-Sep-2022	NS	NS	NS	NS	NS	12.3	4.2	20.9	268	0	380	4.95	NS		I	1620	<EQL (3)	<EQL (5)	54.2	4.64	<EQL (1)	14900	<EQL (10)	11.4	[1.06]	2390	<EQL (2)	3000	480	<EQL (0.2)	17.4
DSWM-9	Surface Water		12-Oct-2022	NS	NS	NS	NS	NS	NS	5.9	NS	NS	NS	NS	NS	NS		I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-9	Surface Water		09-Nov-2022	NS	NS	NS	NS	NS	NS	5.2	NS	NS	NS	NS	NS	NS		NR, I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
DSWM-9	Surface Water		14-Dec-2022	NS	NS	NS	NS	NS	NS	4.5	NS	NS	NS	NS	NS	NS		I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Field Conditions

X	well went dry during purging; samples collected after well recovered; measurements obtained
NR	Data was not available to prepare for report
I	Stream is inaccessable for stream flow measurements due to safety concerns or depth

Explanation

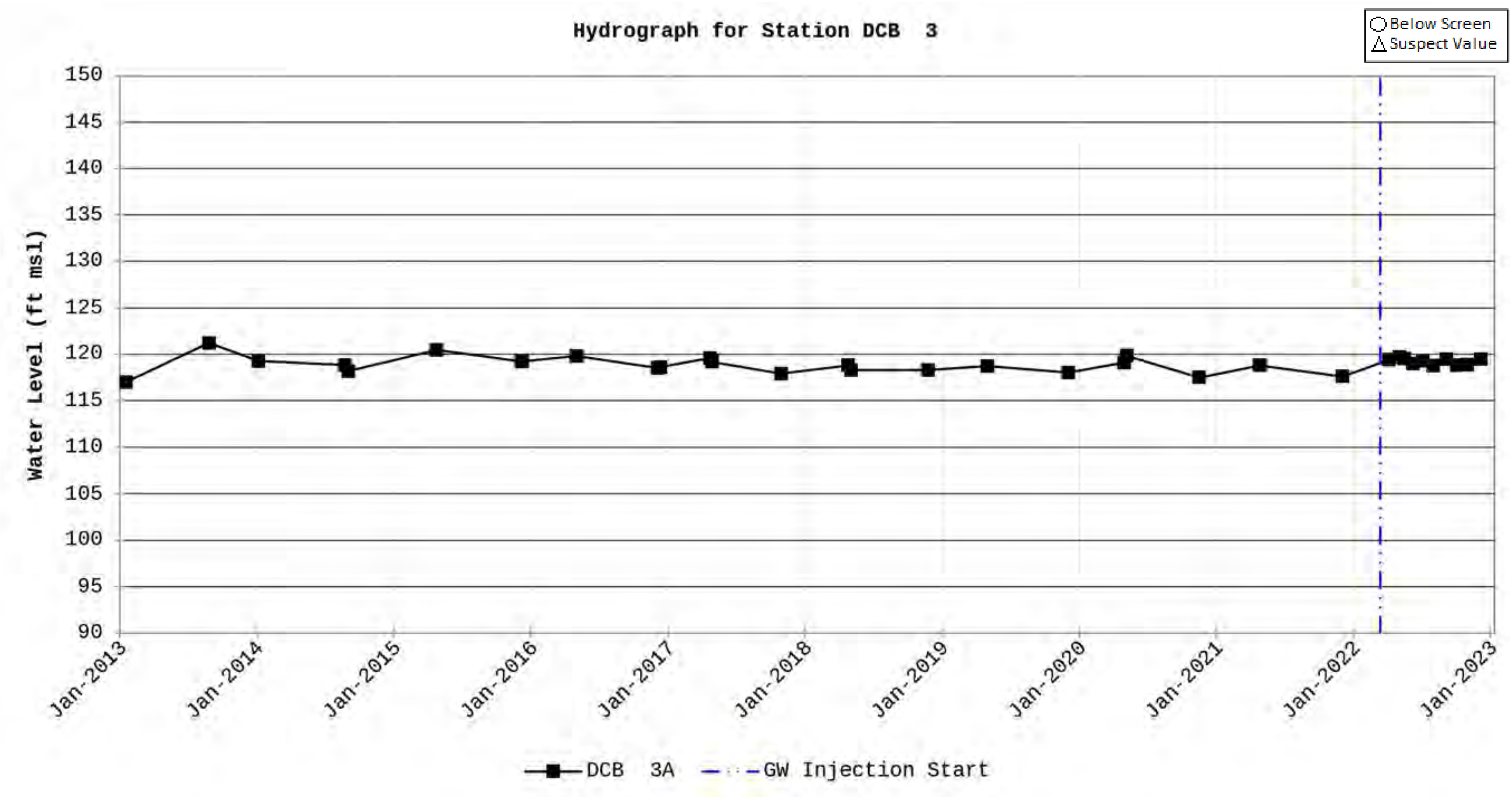
[##]	EPA Functional Guideline Code of 'J' was applied to the result, indicating an estimated quanity.
<EQL(##)	Constituent was below detection. The sample-specific Estimated Quantitation Limit is in parentheses.
	Result exceeds applicable limit.
REJ	Result Rejected.
	Result is less than the applicable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

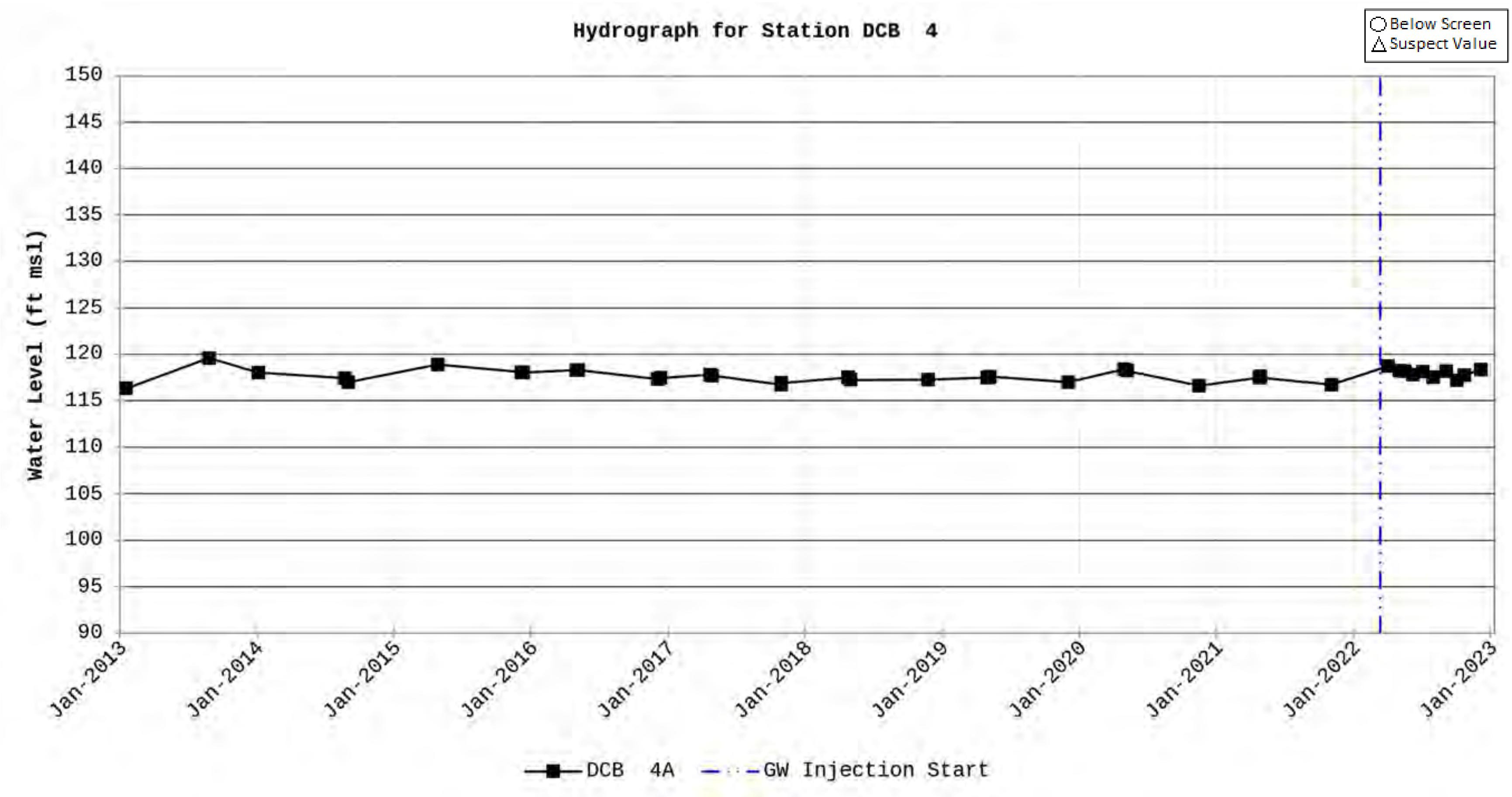
POTASSIUM	SELENIUM	SILVER	SODIUM	SULFATE	THALLIUM	URANIUM	VANADIUM	ZINC
ug/L	ug/L	ug/L	mg/L	mg/L	ug/L	ug/L	ug/L	ug/L
	50				2	30		
		100		250				5000
NS	NS	NS	NS	NS	NS	NS	NS	NS
411	<EQL (30)	<EQL (5)	2.15	1.13	<EQL (20)	NS	<EQL (5)	[12.2]
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
<EQL (1000)	<EQL (2)	<EQL (1)	<EQL (3)	26.6	<EQL (2)	<EQL (20)	<EQL (5)	[42.5]
[1370]	<EQL (150)	<EQL (25)	2.01	315	<EQL (100)	NS	<EQL (25)	350
NS	NS	NS	NS	NS	NS	NS	NS	NS
1860	42.6	<EQL (1)	2.23	542	<EQL (2)	14.1	<EQL (20)	510
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[2730]	[7.65]	<EQL (1)	[5.04]	1270	<EQL (2)	[21.4]	[2.51]	<EQL (4000)
NS	NS	NS	NS	NS	NS	25.3	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
5280	54.4	<EQL (1)	7.78	3470	<EQL (2)	39.1	[5.44]	3370
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	0.326	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
<EQL (1000)	<EQL (2)	<EQL (1)	<EQL (3)	<EQL (5)	<EQL (2)	<EQL (20)	7.32	<EQL (40)
369	<EQL (30)	<EQL (5)	1.25	1.24	<EQL (20)	<EQL (0.2)	<EQL (5)	<EQL (20)
NS	NS	NS	NS	NS	NS	NS	NS	NS
415	<EQL (5)	<EQL (1)	1.31	1.12	<EQL (2)	<EQL (0.2)	<EQL (20)	<EQL (20)
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[2130]	<EQL (2)	<EQL (1)	<EQL (3)	131	<EQL (2)	<EQL (20)	[2.77]	[96.1]
3080	[11.3]	<EQL (5)	3.59	262	<EQL (20)	1.2	12.6	237
NS	NS	NS	NS	NS	NS	NS	NS	NS
2740	[2.66]	<EQL (1)	2.96	243	<EQL (2)	0.938	<EQL (20)	170
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
5820	<EQL (2)	<EQL (1)	[4.5]	217	<EQL (2)	<EQL (20)	<EQL (5)	[118]
6590	<EQL (30)	<EQL (5)	4.37	254	<EQL (20)	0.357	<EQL (5)	100
NS	NS	NS	NS	NS	NS	NS	NS	NS
6360	[1.53]	<EQL (1)	4.05	169	[0.623]	0.311	[4.44]	71.4
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[2410]	[4.37]	<EQL (1)	[4.83]	558	<EQL (2)	<EQL (20)	<EQL (5)	1060
NS	NS	NS	NS	NS	NS	NS	NS	NS
2500	[27]	<EQL (5)	4.78	[672]	<EQL (20)	[3.03]	<EQL (5)	1010
2400	6.64	<EQL (1)	5.05	692	<EQL (2)	3.19	<EQL (20)	848
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[2230]	[7.2]	<EQL (1)	[7.6]	474	<EQL (2)	<EQL (20)	<EQL (5)	<EQL (800)
NS	NS	NS	NS	NS	NS	NS	NS	NS
[2190]	[58.6]	<EQL (25)	7.81	506	<EQL (100)	[0.205]	<EQL (25)	418
2660	66.3	<EQL (1)	8.68	622	<EQL (10)	<EQL (1)	<EQL (20)	331
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[1550]	<EQL (2)	<EQL (1)	[5.6]	334	<EQL (2)	<EQL (20)	<EQL (5)	323
1760	[16.8]	<EQL (5)	12.3	1440	<EQL (20)	7.89	<EQL (5)	1350
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
899	[9.91]	<EQL (5)	4.35	27.2	<EQL (20)	NS	6.07	[13]
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[2750]	[2.31]	<EQL (1)	[8.71]	468	<EQL (2)	<EQL (20)	<EQL (5)	641
3300	<EQL (30)	<EQL (5)	8.39	544	<EQL (20)	0.254	6.3	806
NS	NS	NS	NS	NS	NS	NS	NS	NS
2950	[3.96]	<EQL (1)	8.51	484	<EQL (2)	0.238	[5.16]	664
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[2260]	<EQL (2)	<EQL (1)	[5.14]	[398]	<EQL (2)	<EQL (20)	<EQL (5)	487
2640	<EQL (30)	[3.59]	5.54	391	[5.07]	<EQL (0.2)	<EQL (5)	548
NS	NS	NS	NS	NS	NS	NS	NS	NS
2360	<EQL (5)	<EQL (1)	5.5	380	<EQL (2)	<EQL (0.2)	<EQL (20)	468
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[985]	<EQL (30)	<EQL (5)	22.3	48.3	<EQL (20)	NS	<EQL (5)	37
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	18.6	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[2700]	<EQL (2)	<EQL (1)	<EQL (3)	209	<EQL (2)	<EQL (20)	<EQL (5)	[190]
2630	<EQL (30)	<EQL (5)	1.57	169	<EQL (20)	8.48	<EQL (5)	158
NS	NS	NS	NS	NS	NS	NS	NS	NS
2790	[3.42]	<EQL (1)	1.83	224	<EQL (2)	8.46	<EQL (20)	151
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[2280]	<EQL (2)	<EQL (1)	<EQL (3)	250	<EQL (2)	<EQL (20)	<EQL (5)	240
2430	[8.45]	<EQL (5)	2.36	280	<EQL (20)	0.899	<EQL (5)	254
NS	NS	NS	NS	NS	NS	NS	NS	NS
2330	[3.51]	<EQL (1)	2.39	290	<EQL (2)	0.934	<EQL (20)	224
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[2840]	[4.04]	<EQL (1)	[3.17]	410	<EQL (2)	<EQL (20)	<EQL (5)	490
[3240]	<EQL (150)	<EQL (25)	3.4	475	[26.1]	0.548	<EQL (25)	567
NS	NS	NS	NS	NS	NS	NS	NS	NS
3150	14.4	<EQL (1)	3.16	700	<EQL (2)	0.503	<EQL (20)	448
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS

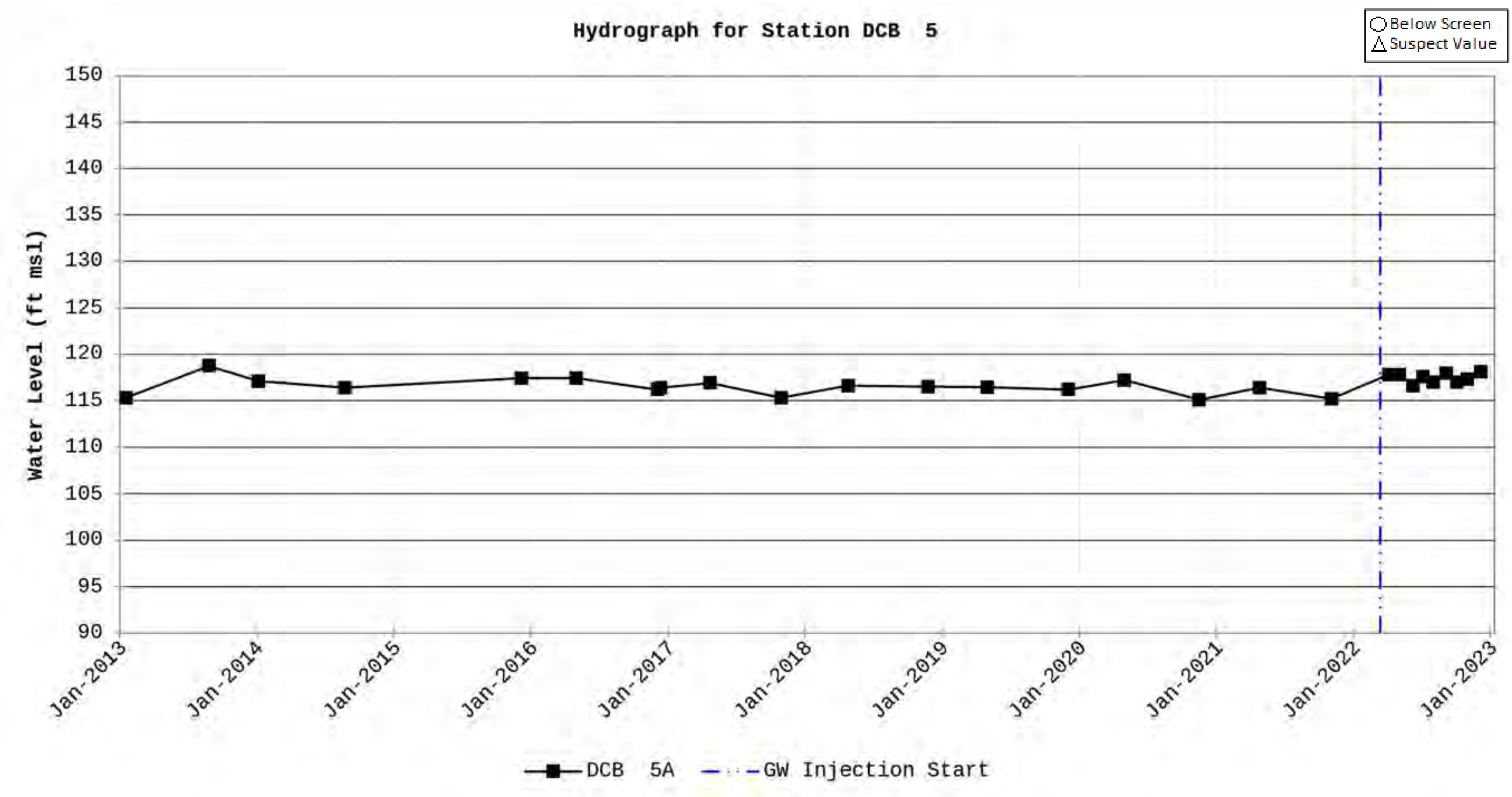
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[3970]	[2.25]	<EQL (1)	[6.06]	415	<EQL (2)	<EQL (20)	<EQL (5)	[81.2]
NS	NS	NS	NS	NS	NS	NS	NS	NS
4570	[31.7]	<EQL (5)	6.55	412	<EQL (20)	[0.067]	<EQL (5)	88.3
4640	[2.85]	<EQL (1)	6.64	420	<EQL (2)	<EQL (0.2)	<EQL (20)	79.1
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[1210]	<EQL (2)	<EQL (1)	<EQL (3)	70.1	<EQL (2)	<EQL (20)	<EQL (5)	<EQL (40)
NS	NS	NS	NS	NS	NS	NS	NS	NS
1060	<EQL (30)	<EQL (5)	2.2	[57.3]	<EQL (20)	NS	[1.55]	27.7
1540	<EQL (5)	<EQL (1)	2.22	92.9	<EQL (2)	0.501	<EQL (20)	33.3
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
2860	[1.25]	<EQL (1)	[2.9]	480	<EQL (2)	<EQL (20)	<EQL (5)	443
NS	NS	NS	NS	NS	NS	NS	NS	NS
2870	<EQL (30)	[4.24]	3.53	520	[7.05]	NS	[3.04]	565
2930	7.51	<EQL (1)	3.86	649	<EQL (2)	0.612	<EQL (20)	565
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[3110]	[4.38]	<EQL (1)	[5.24]	248	<EQL (2)	<EQL (20)	<EQL (5)	<EQL (40)
NS	NS	NS	NS	NS	NS	NS	NS	NS
3290	[16]	<EQL (5)	5.59	[244]	<EQL (20)	NS	<EQL (5)	72.8
3400	[4.25]	<EQL (1)	5.95	217	<EQL (2)	[0.072]	<EQL (20)	66.4
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
1000	<EQL (30)	<EQL (5)	3.51	6.23	<EQL (20)	NS	<EQL (5)	<EQL (20)
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	<EQL (0.4)	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	1.96	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
1660	<EQL (30)	<EQL (5)	27.6	63.1	<EQL (20)	NS	<EQL (5)	57
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
<EQL (1000)	<EQL (2)	<EQL (1)	[3.19]	[108]	<EQL (2)	<EQL (20)	<EQL (5)	241
NS	NS	NS	NS	NS	NS	NS	NS	NS
1300	<EQL (30)	<EQL (5)	6.62	527	<EQL (20)	NS	11	[1500]
1320	[2.71]	<EQL (1)	6.88	501	<EQL (2)	3.91	[4.38]	486
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
5610	[4.31]	<EQL (1)	[3.32]	[78.2]	<EQL (2)	<EQL (20)	<EQL (5)	<EQL (40)
NS	NS	NS	NS	NS	NS	NS	NS	NS
9560	31.6	<EQL (5)	9.42	586	[5.76]	NS	<EQL (5)	26.7
11400	5.31	<EQL (1)	11.9	1250	<EQL (2)	0.964	<EQL (20)	20.6
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[2900]	[2.41]	<EQL (1)	[12.2]	486	<EQL (2)	<EQL (20)	<EQL (5)	[703]
NS	NS	NS	NS	NS	NS	NS	NS	NS
3140	[25.1]	<EQL (5)	11.4	526	<EQL (20)	NS	<EQL (5)	758
3160	14.2	<EQL (1)	11.6	607	<EQL (2)	[0.165]	<EQL (20)	738
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
4110	7.1	<EQL (1)	12.3	1040	<EQL (2)	<EQL (20)	[3.97]	728
NS	NS	NS	NS	NS	NS	NS	NS	NS
4510	<EQL (300)	<EQL (50)	15.2	[2320]	<EQL (200)	NS	[14.1]	1530
5250	99.1	<EQL (1)	15.2	2100	<EQL (2)	5.8	[10.5]	1340
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[1440]	<EQL (2)	<EQL (1)	<EQL (3)	[8.16]	<EQL (2)	<EQL (20)	<EQL (5)	<EQL (40)
NS	NS	NS	NS	NS	NS	NS	NS	NS
1500	<EQL (30)	<EQL (5)	2.27	[8.38]	<EQL (20)	NS	<EQL (5)	<EQL (20)
1510	<EQL (5)	<EQL (1)	2.51	8	<EQL (2)	[0.127]	<EQL (20)	<EQL (20)
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
3100	<EQL (2)	<EQL (1)	7.89	248	<EQL (2)	<EQL (20)	<EQL (5)	[23]
NS	NS	NS	NS	NS	NS	NS	NS	NS
2960	<EQL (5)	<EQL (1)	6.65	210	<EQL (2)	[0.1]	<EQL (20)	[17.1]
NS	NS	NS	NS	NS	NS	NS	NS	NS
3070	<EQL (2)	<EQL (1)	7.65	225	<EQL (2)	<EQL (20)	<EQL (5)	98.3
3160	<EQL (5)	<EQL (1)	4.96	193	<EQL (2)	[0.075]	<EQL (20)	25.5
NS	NS	NS	NS	NS	NS	NS	NS	NS
2940	<EQL (2)	<EQL (1)	6.22	175	<EQL (2)	<EQL (20)	<EQL (5)	89.4
3040	<EQL (5)	<EQL (1)	3.19	108	<EQL (2)	[0.139]	<EQL (20)	43.8
NS	NS	NS	NS	NS	NS	NS	NS	NS
1690	<EQL (2)	<EQL (1)	3.07	98.5	<EQL (2)	<EQL (20)	<EQL (5)	63.1
2230	<EQL (5)	<EQL (1)	2.38	134	<EQL (2)	[0.096]	<EQL (20)	74.5
NS	NS	NS	NS	NS	NS	NS	NS	NS
1110	<EQL (2)	<EQL (1)	[2.49]	7.03	<EQL (2)	<EQL (20)	<EQL (5)	[22.5]
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
[929]	<EQL (2)	<EQL (1)	[2.32]	6.68	<EQL (2)	<EQL (20)	<EQL (5)	<EQL (40)
NS	NS	NS	NS	NS	NS	NS	NS	NS
972	<EQL (5)	<EQL (1)	1.82	1.39	<EQL (2)	<EQL (0.2)	<EQL (20)	[3.84]
NS	NS	NS	NS	NS	NS	NS	NS	NS
1520	<EQL (2)	<EQL (1)	3.25	72.3	<EQL (2)	<EQL (20)	<EQL (5)	42.8
NS	NS	NS	NS	NS	NS	NS	NS	NS
2030	<EQL (5)	<EQL (1)	2.19	109	<EQL (2)	[0.077]	[5.37]	60.5
NS	NS	NS	NS	NS	NS	NS	NS	NS
<EQL (10000)	<EQL (2)	<EQL (1)	<EQL (30)	58.3	<EQL (2)	<EQL (20)	<EQL (50)	<EQL (400)
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
1490	<EQL (2)	<EQL (1)	[2.4]	71.9	<EQL (2)	<EQL (20)	<EQL (5)	43
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
2080	<EQL (5)	<EQL (1)	2.12	85.8	<EQL (2)	[0.073]	<EQL (20)	58
1650	<EQL (5)	<EQL (1)	2.15	53.5	<EQL (2)	<EQL (0.2)	[7.17]	23.2
1910	<EQL (5)	<EQL (1)	2.31	68	<EQL (2)	<EQL (0.2)	<EQL (20)	31.6
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
<EQL (10000)	<EQL (2)	<EQL (1)	<EQL (30)	58.4	<EQL (2)	<EQL (20)	<EQL (50)	<EQL (400)
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
1520	<EQL (2)	<EQL (1)	[2.95]	72.4	<EQL (2)	<EQL (20)	<EQL (5)	45.4
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
2110	<EQL (5)	<EQL (1)	2.16	94.4	<EQL (2)	[0.08]	<EQL (20)	55.3
1720	<EQL (5)	<EQL (1)	2.19	51.3	<EQL (2)	<EQL (0.2)	[8.07]	[17.7]
1930	<EQL (5)	<EQL (1)	2.34	67.2	<EQL (2)	<EQL (0.2)	<EQL (20)	33
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
<EQL (10000)	<EQL (2)	<EQL (1)	<EQL (30)	57.6	<EQL (2)	<EQL (20)	<EQL (5)	50.1
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
1530	<EQL (2)	<EQL (1)	3.45	70.3	<EQL (2)	<EQL (20)	<EQL (5)	42.6
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
2180	<EQL (5)	<EQL (1)	2.66	91.7	<EQL (2)	[0.067]	<EQL (20)	56.1
1790	<EQL (5)	<EQL (1)	5.01	50.9	<EQL (2)	<EQL (0.2)	<EQL (20)	[3.31]
1950	<EQL (5)	<EQL (1)	3.38	61.6	<EQL (2)	<EQL (0.2)	<EQL (20)	30.4
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS
NS	NS	NS	NS	NS	NS	NS	NS	NS

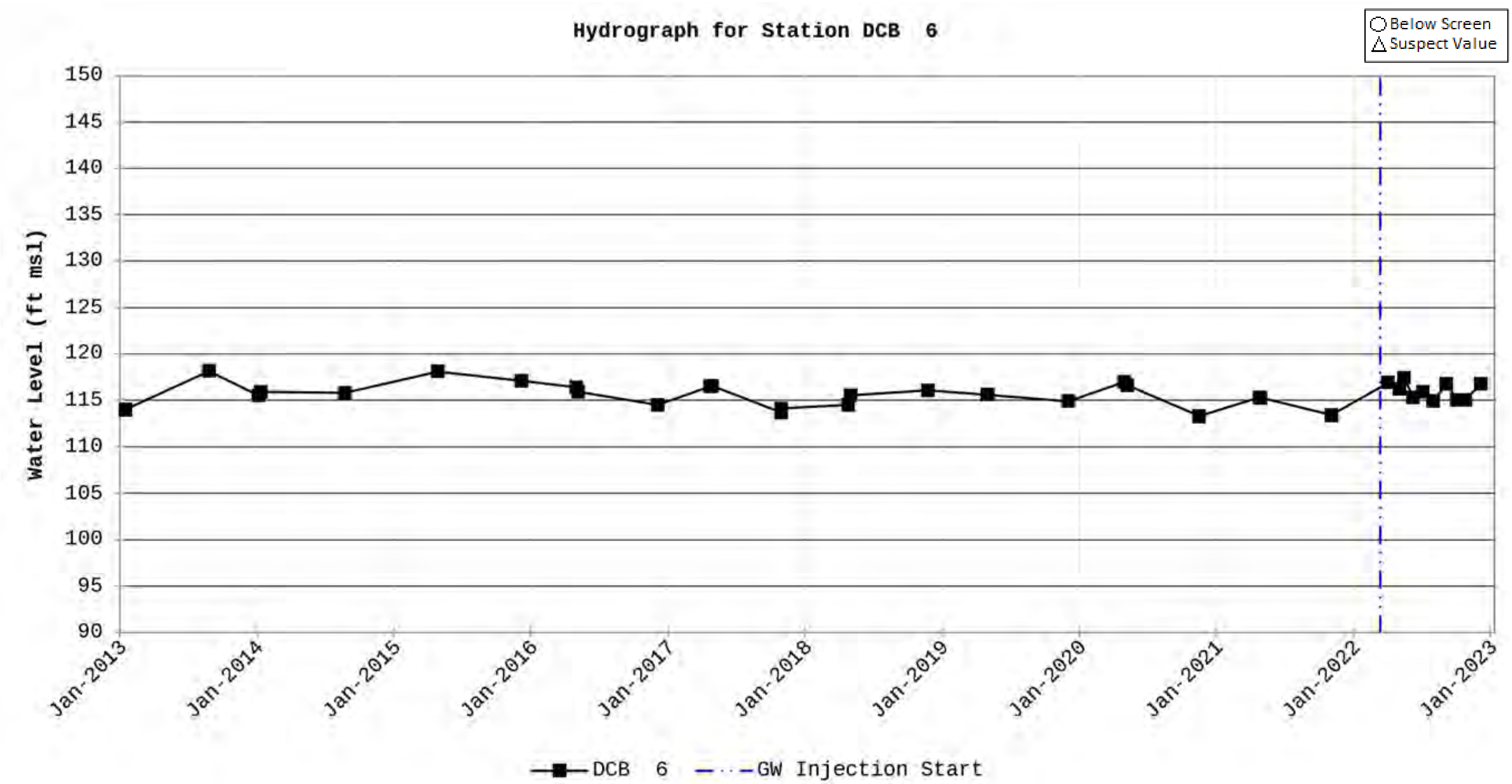
Appendix B

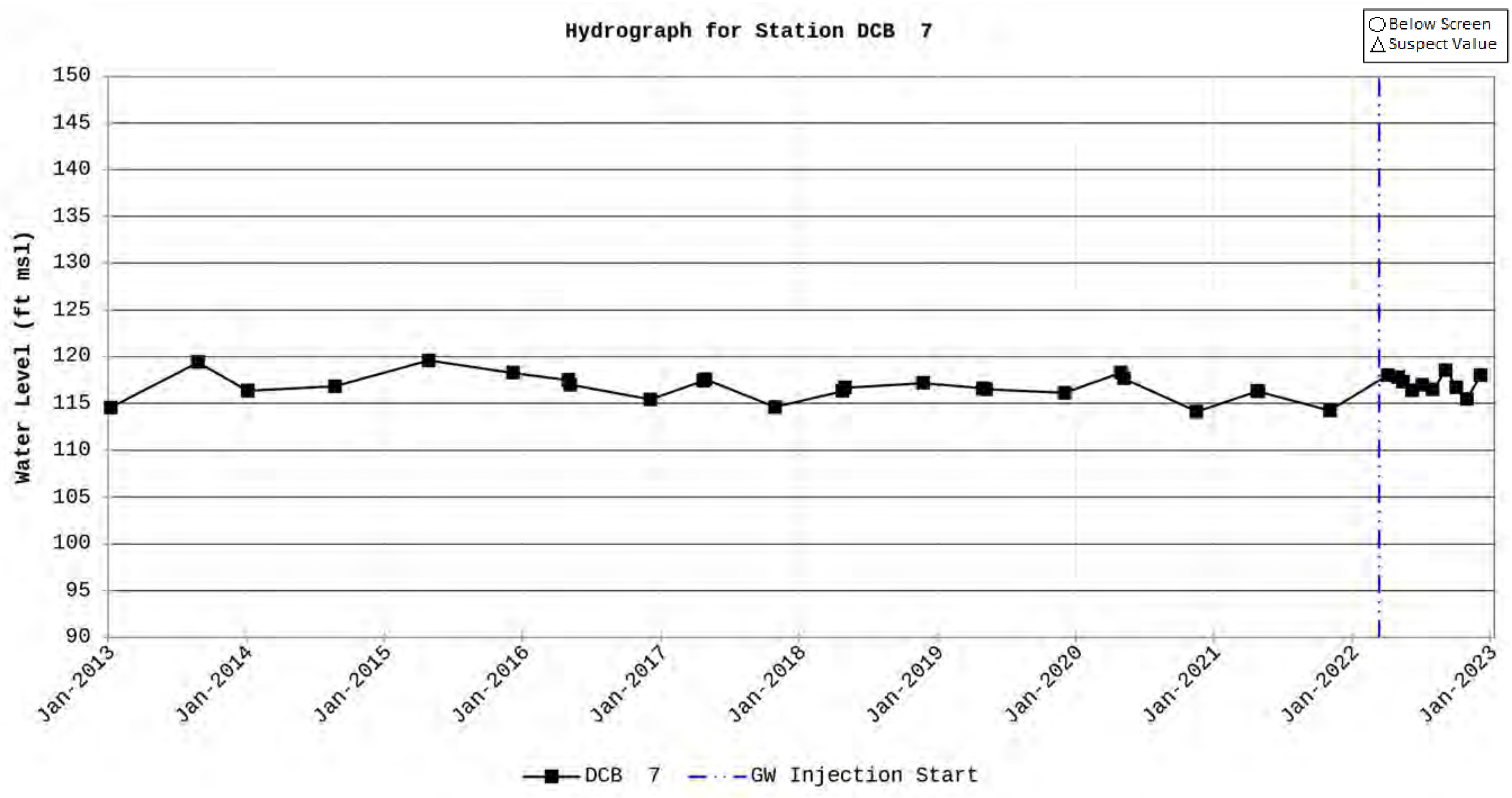
Hydrographs

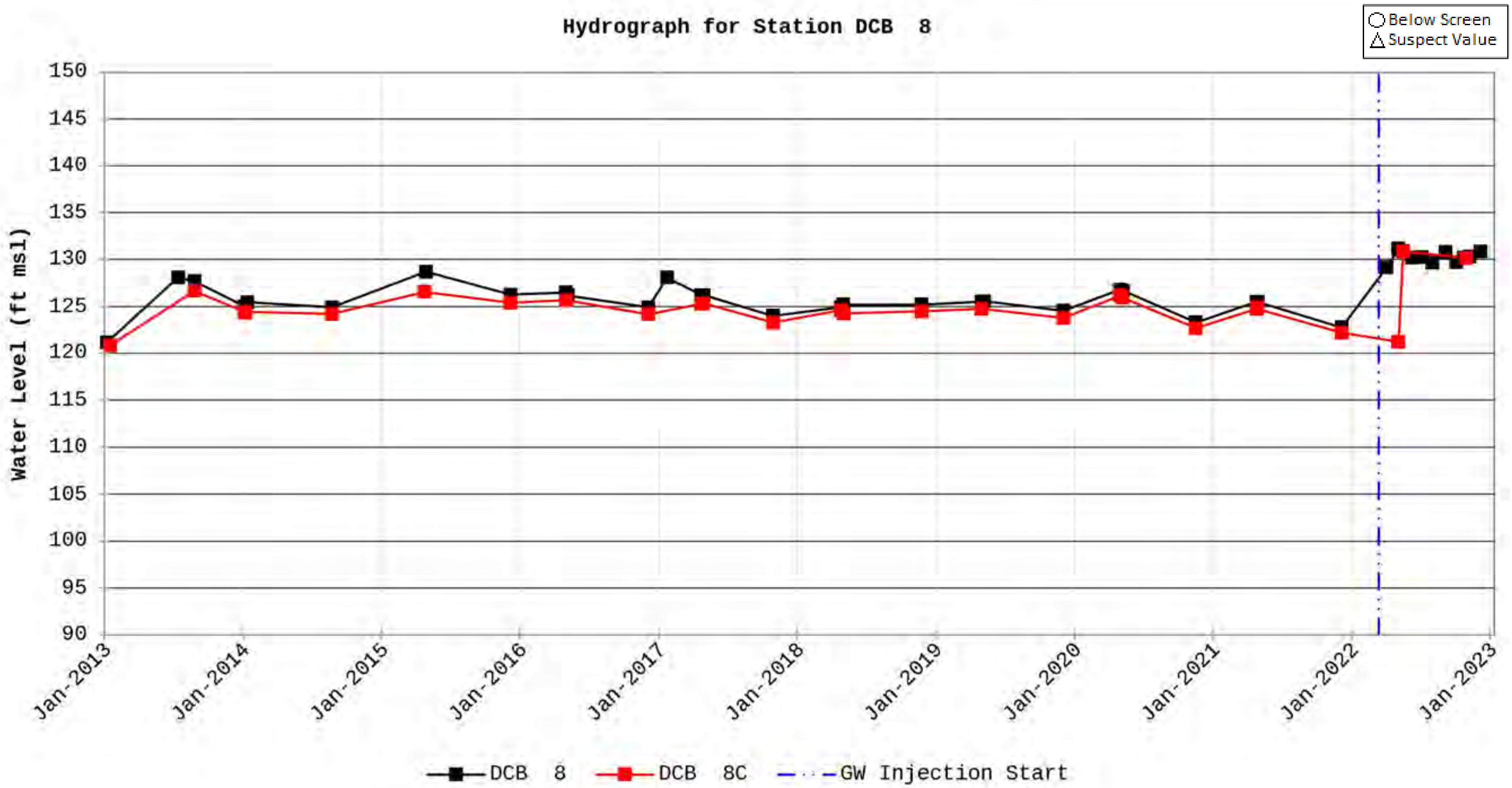

Hydrograph for Station DCB 3
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 3A
GW Injection Start

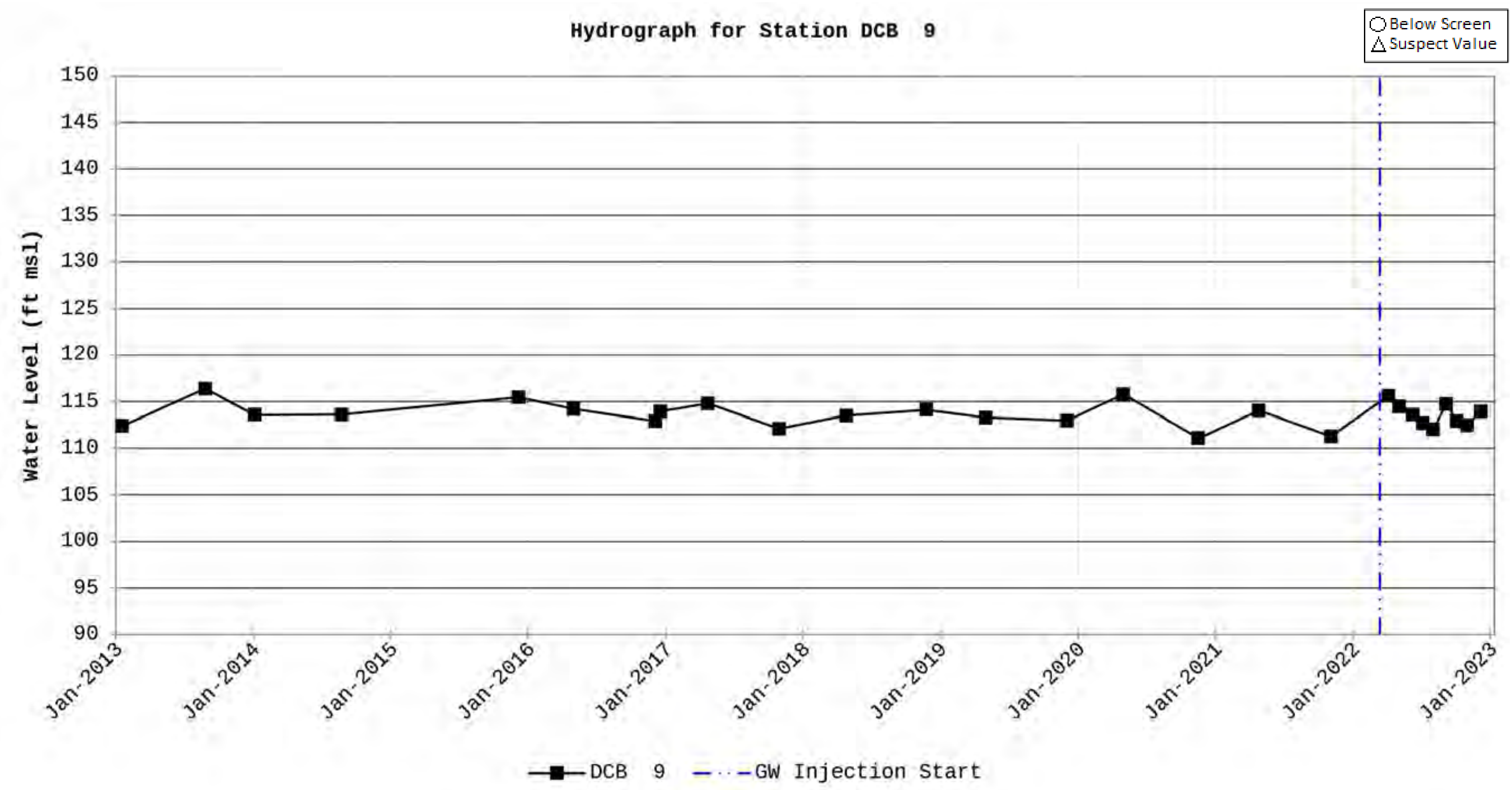

Hydrograph for Station DCB 4
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 4A
GW Injection Start

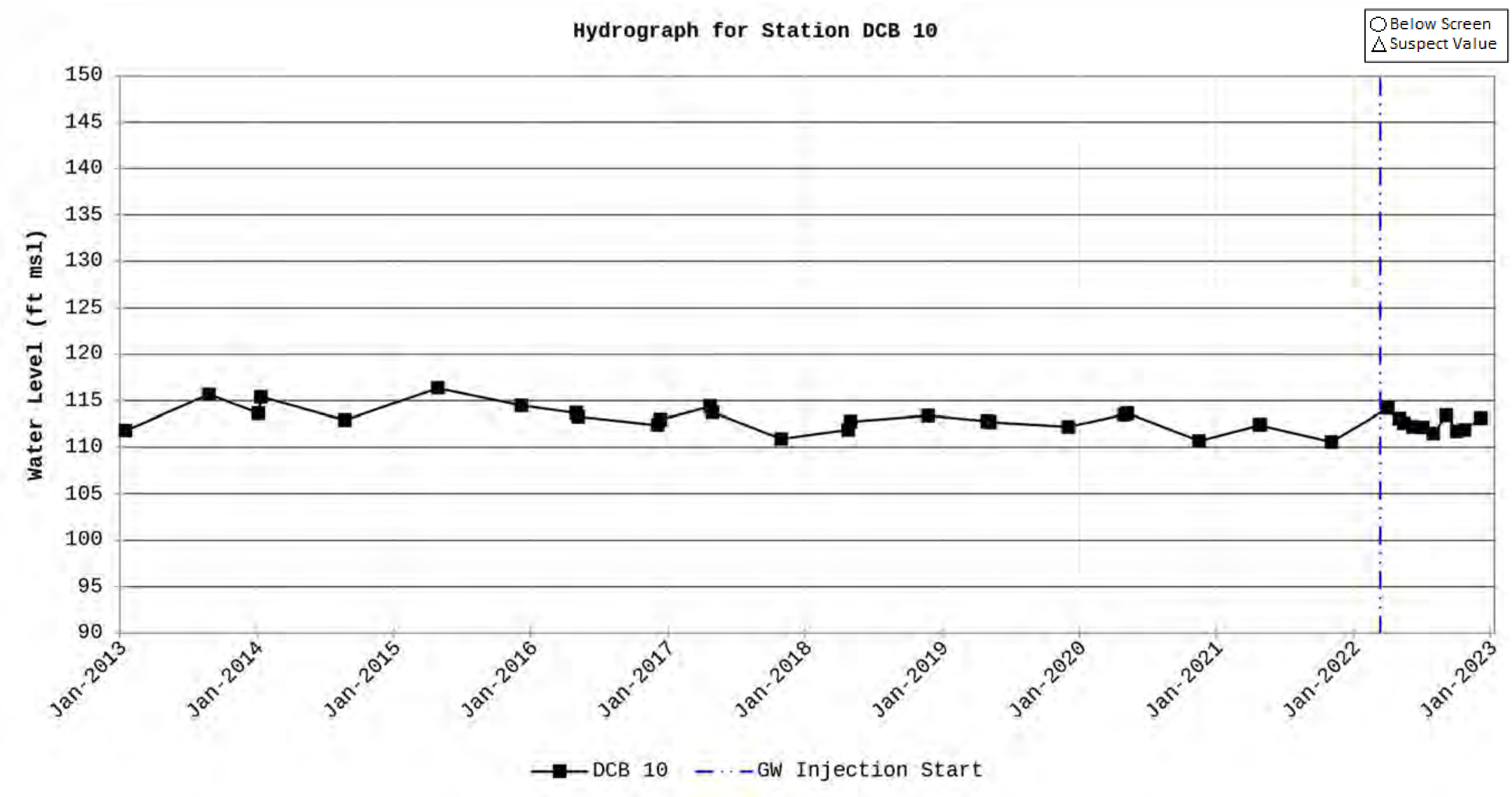

Hydrograph for Station DCB 5
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 5A
GW Injection Start

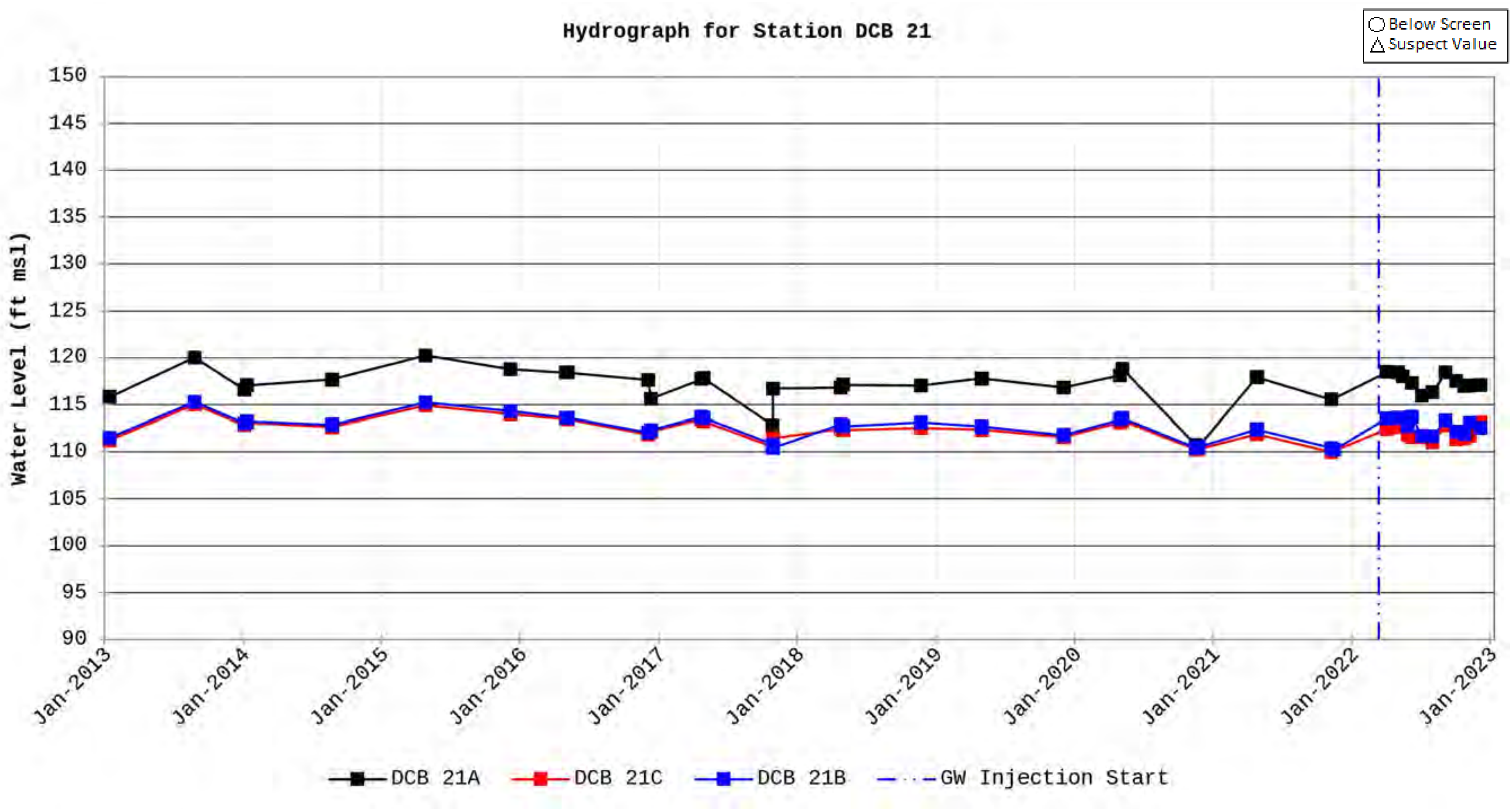

Hydrograph for Station DCB 6
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 6
GW Injection Start

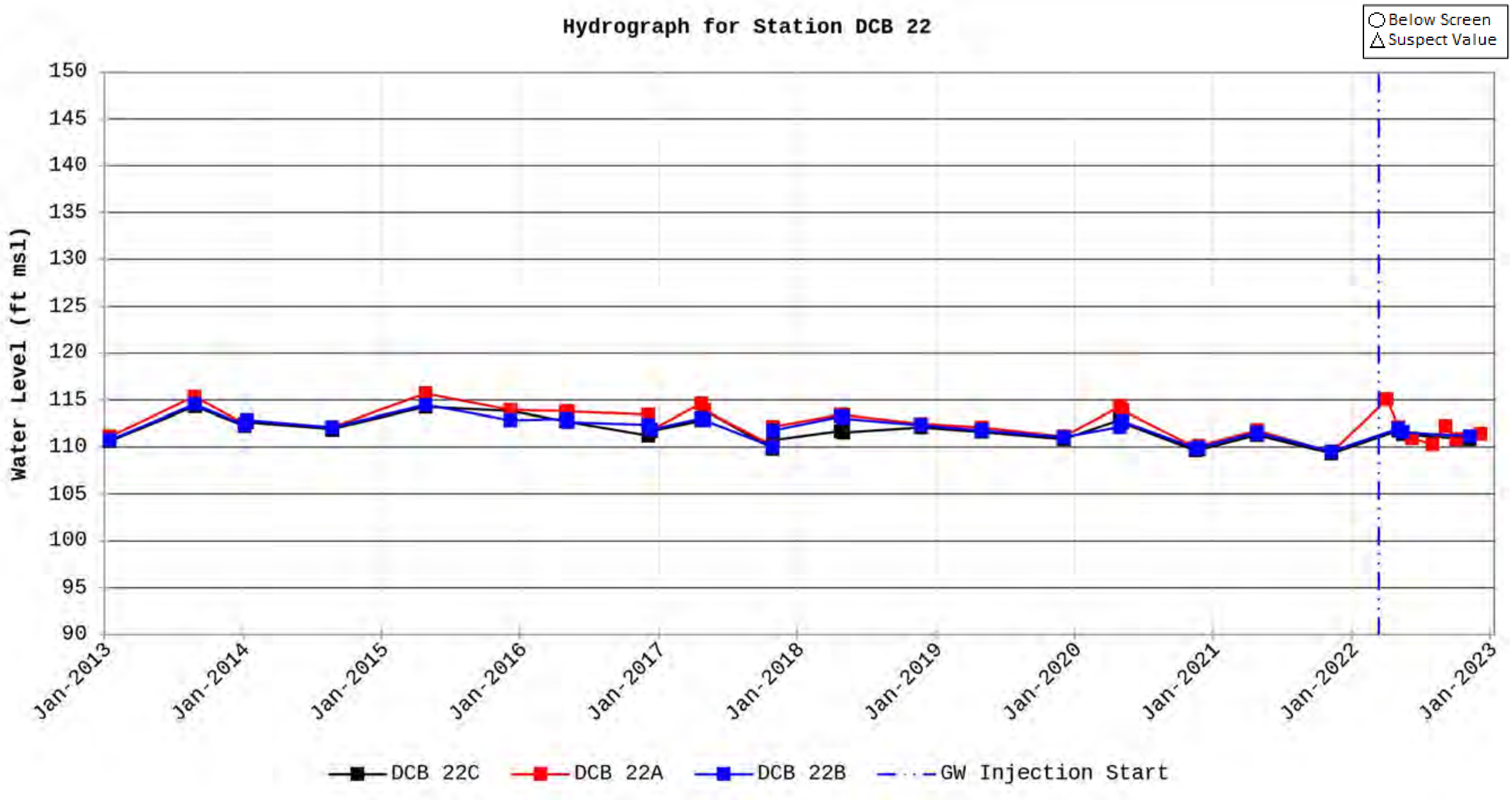

Hydrograph for Station DCB 7
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 7
GW Injection Start

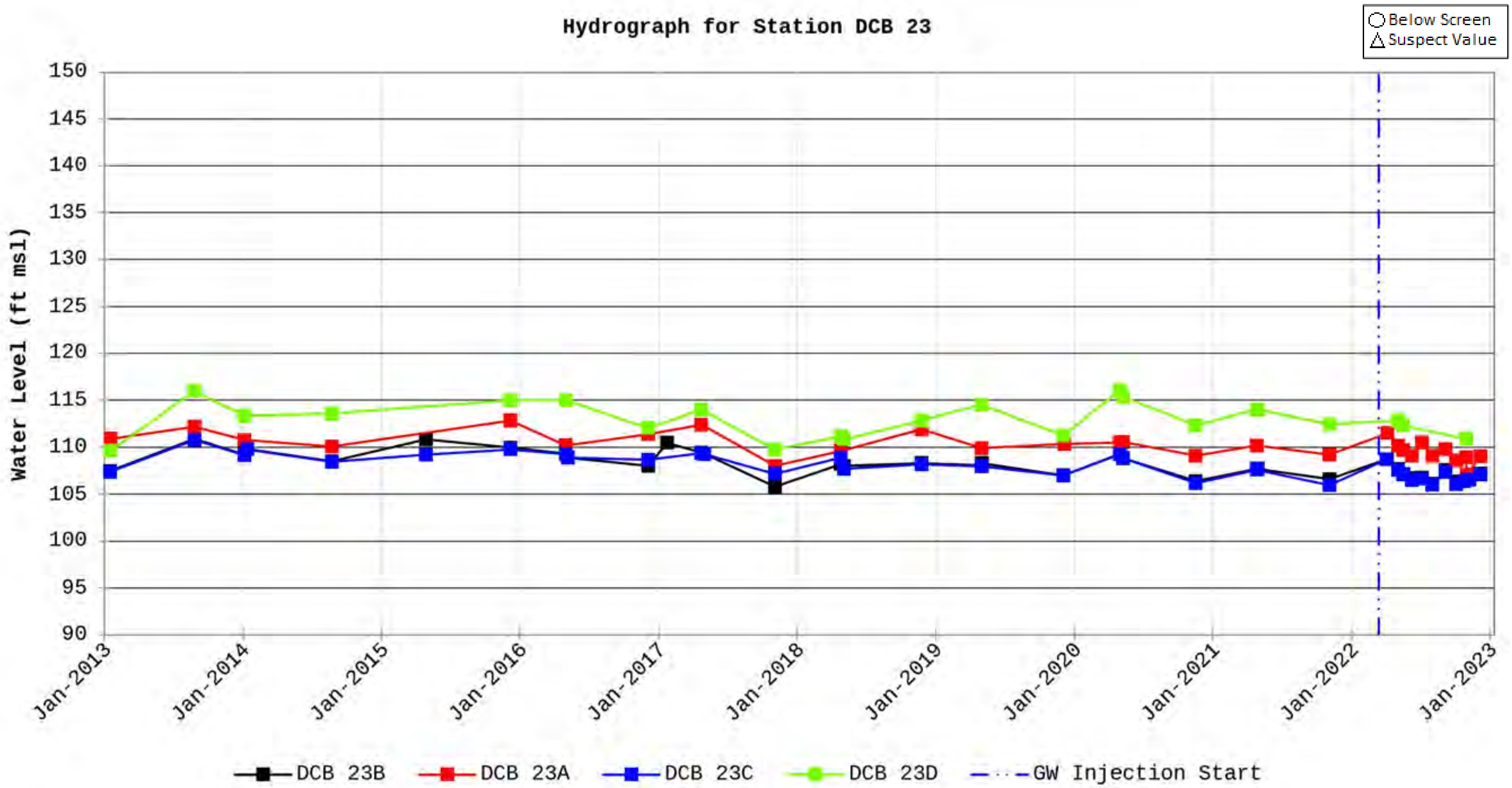

Hydrograph for Station DCB 8
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 8
DCB 8C
GW Injection Start

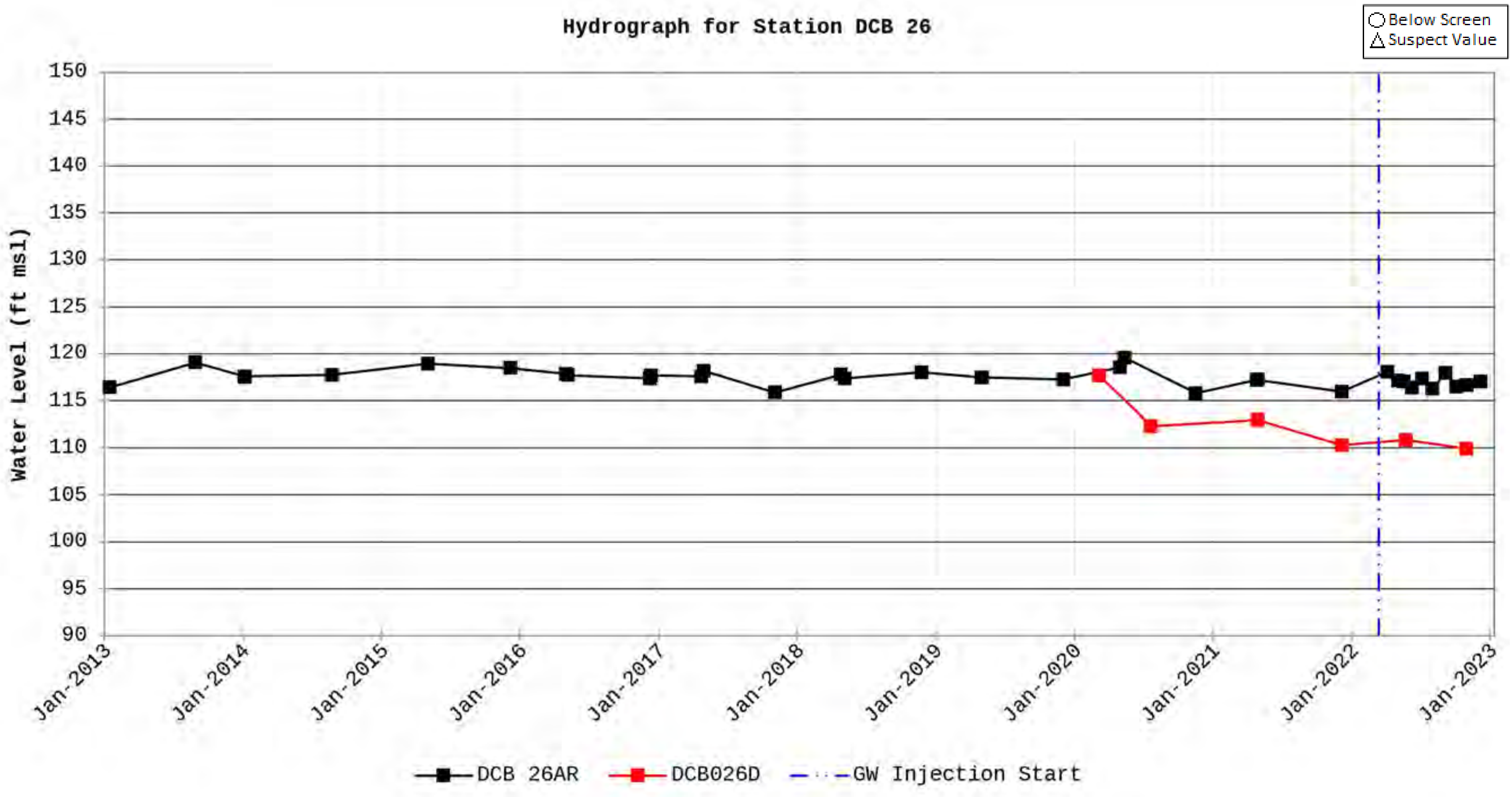

Hydrograph for Station DCB 9
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 9
GW Injection Start

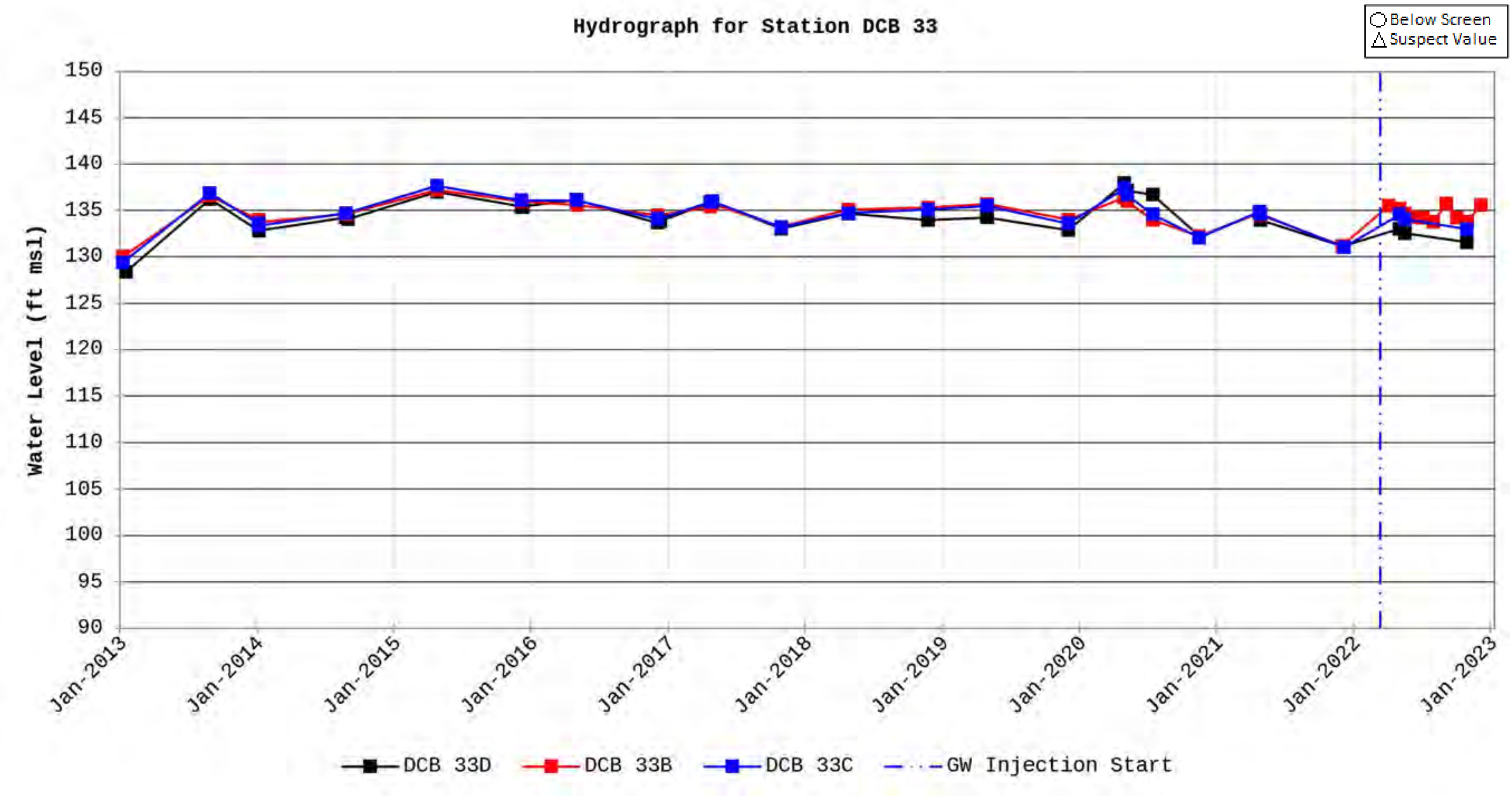

Hydrograph for Station DCB 10
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 10
GW Injection Start

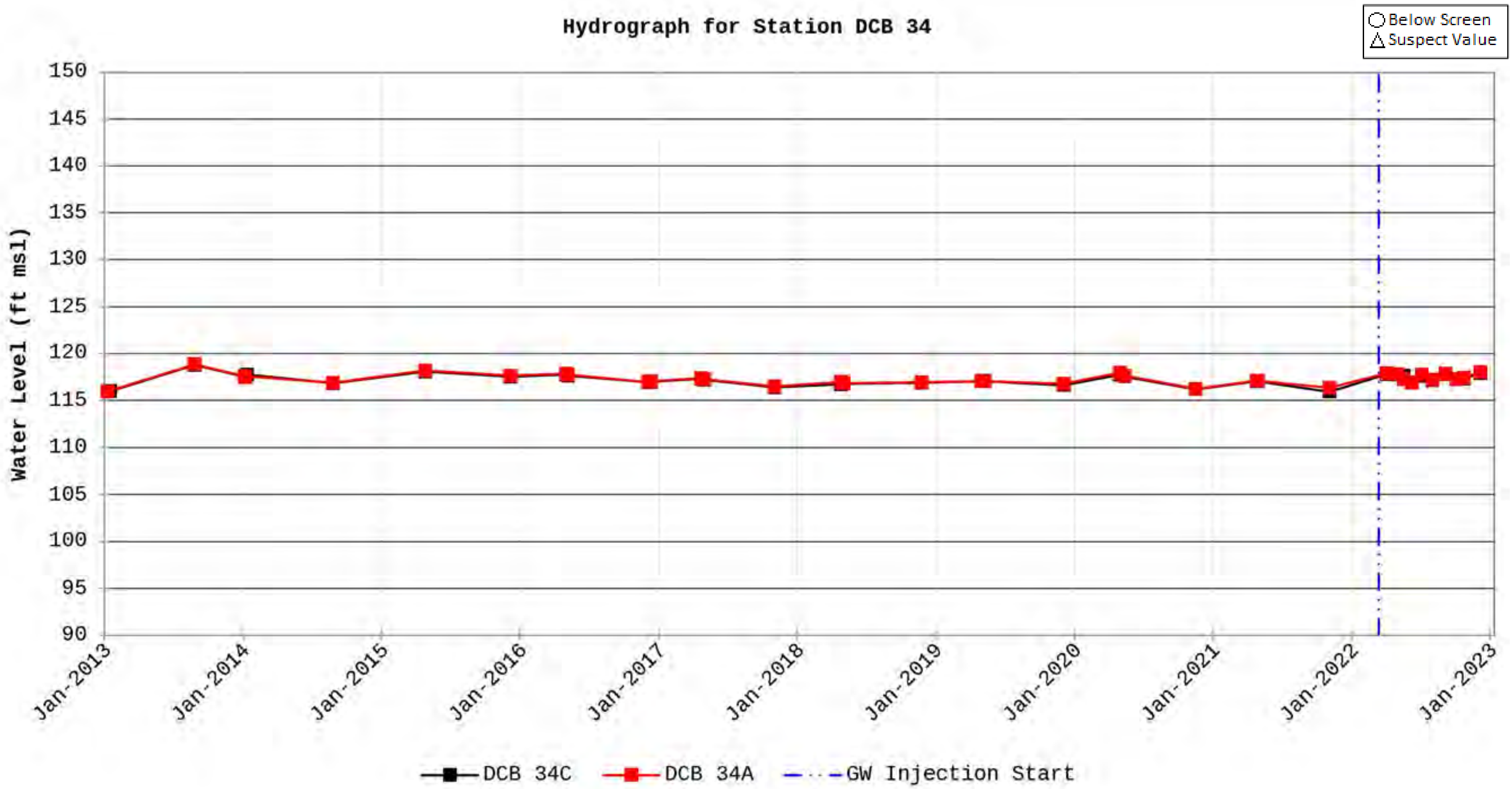

Hydrograph for Station DCB 21
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 21A
DCB 21C
DCB 21B
GW Injection Start

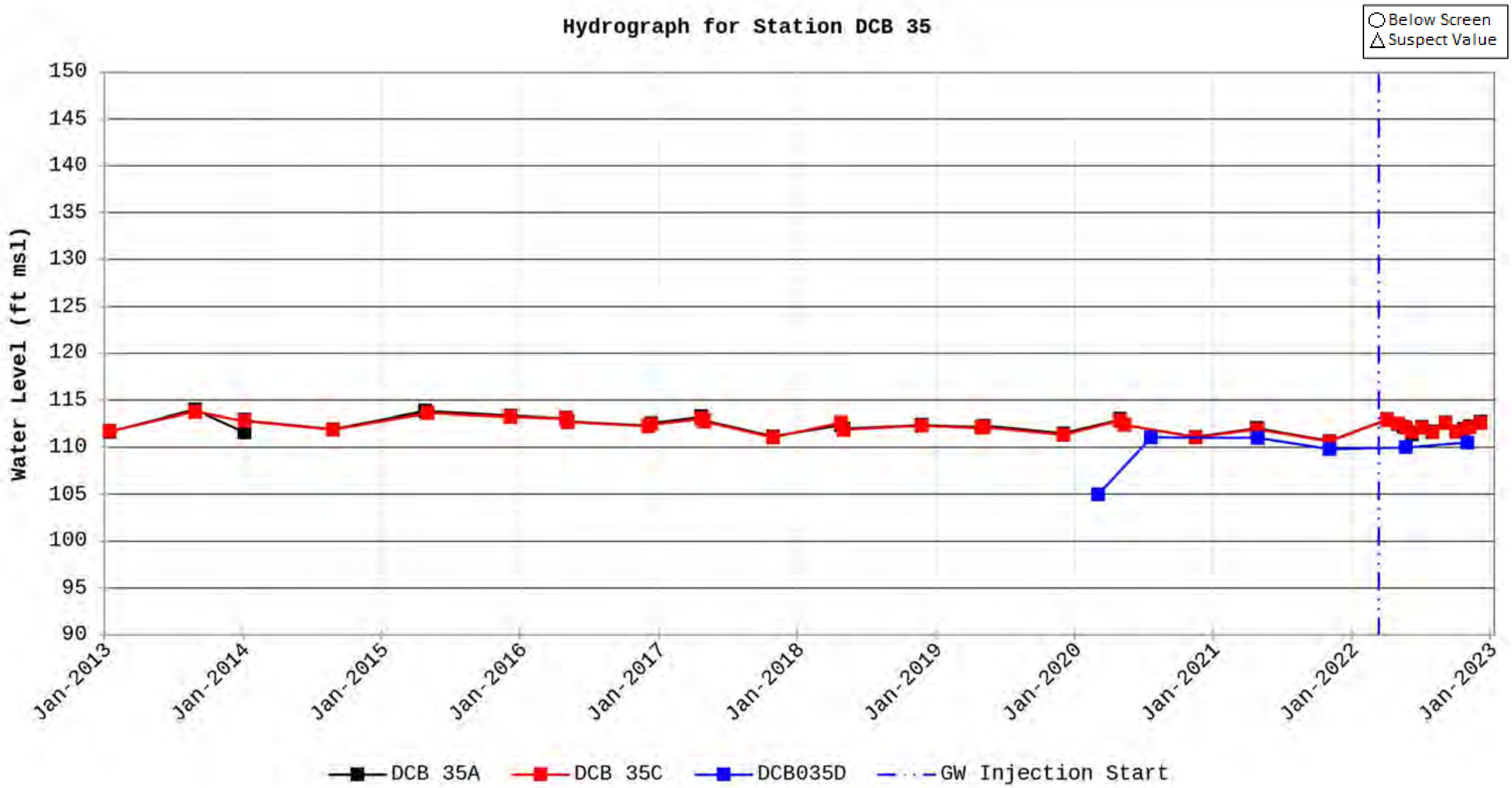

Hydrograph for Station DCB 22
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 22C
DCB 22A
DCB 22B
GW Injection Start

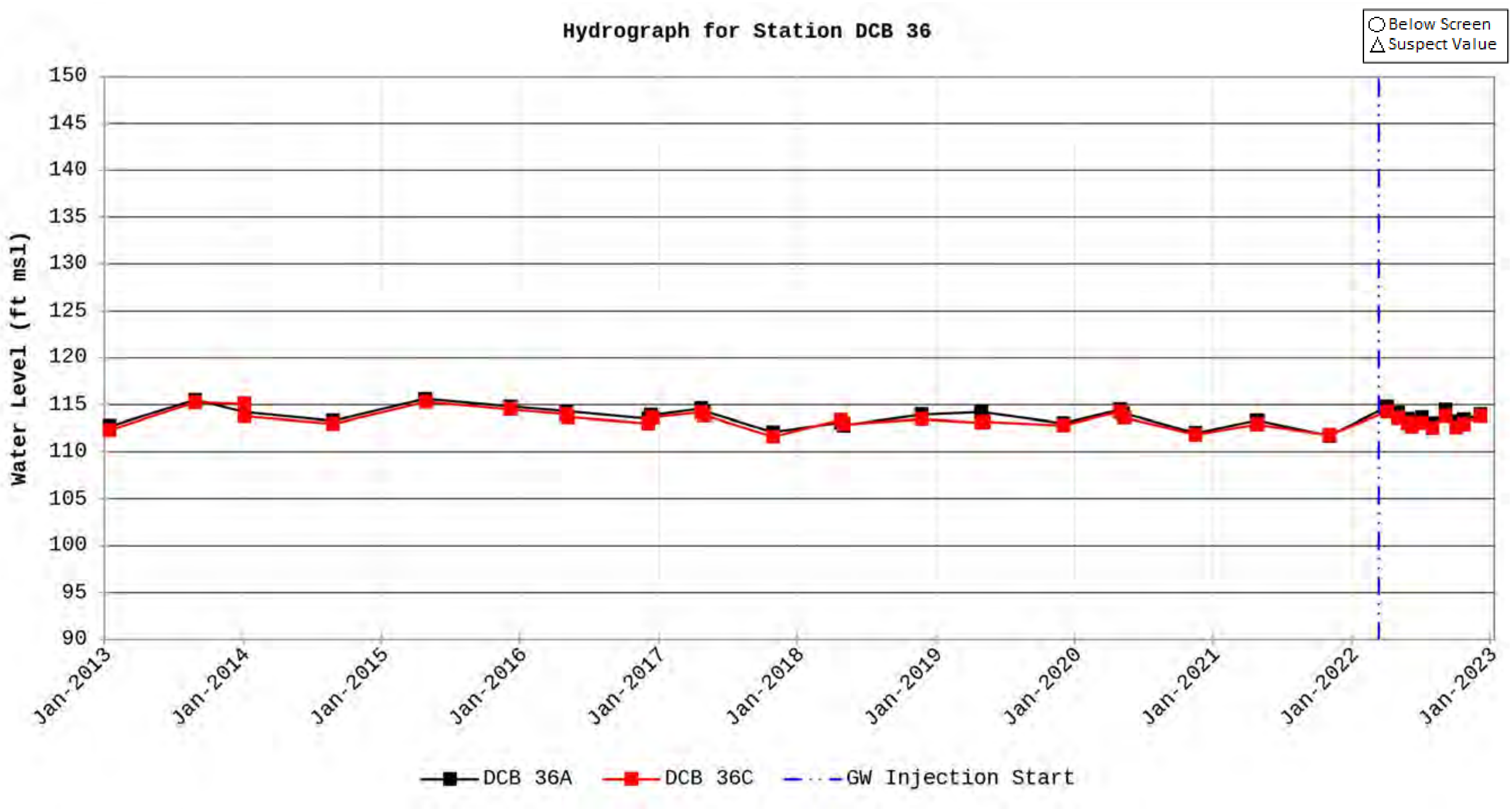

Hydrograph for Station DCB 23
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 23B
DCB 23A
DCB 23C
DCB 23D
GW Injection Start

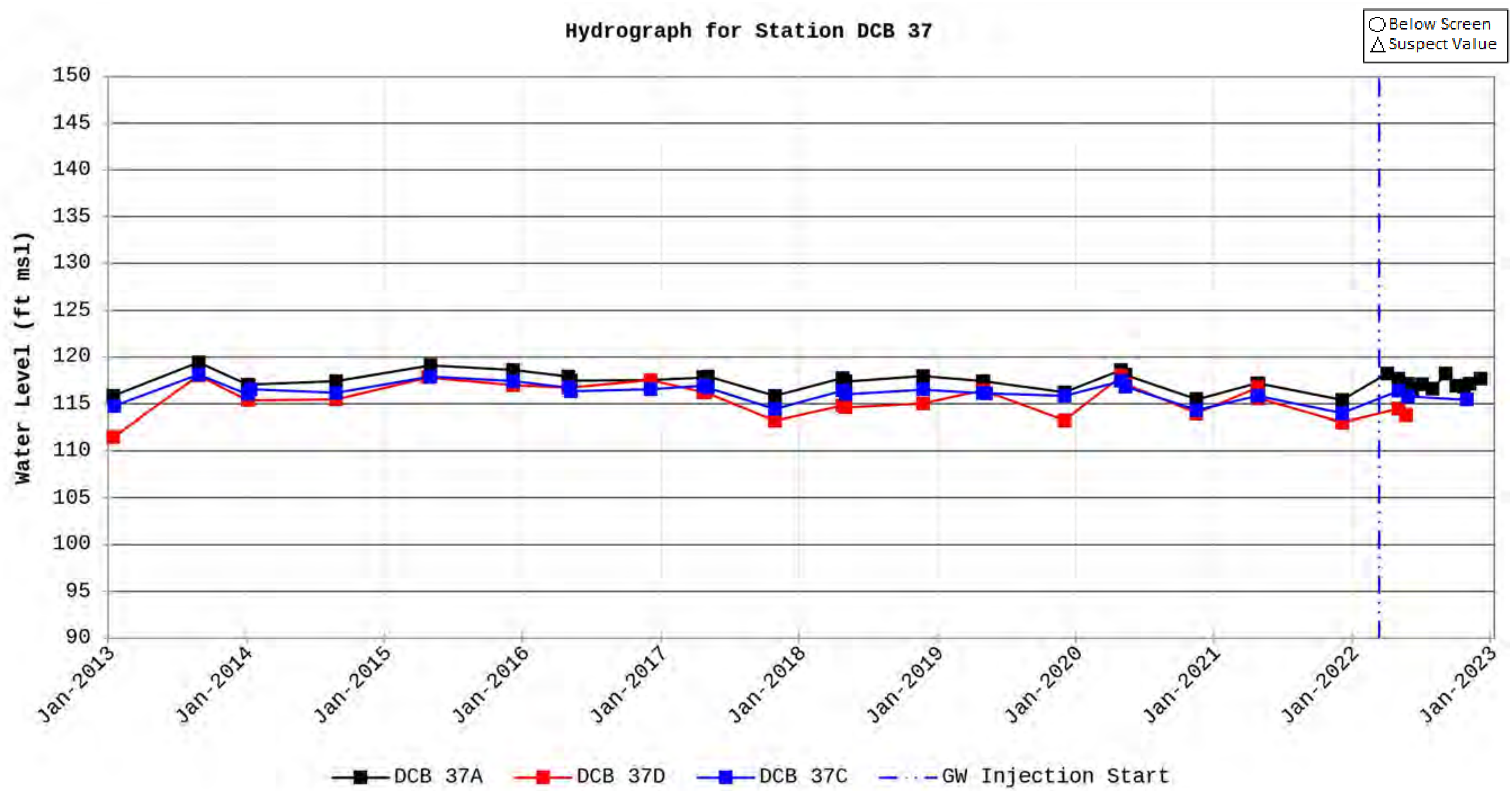

Hydrograph for Station DCB 26
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 26AR
DCB026D
GW Injection Start

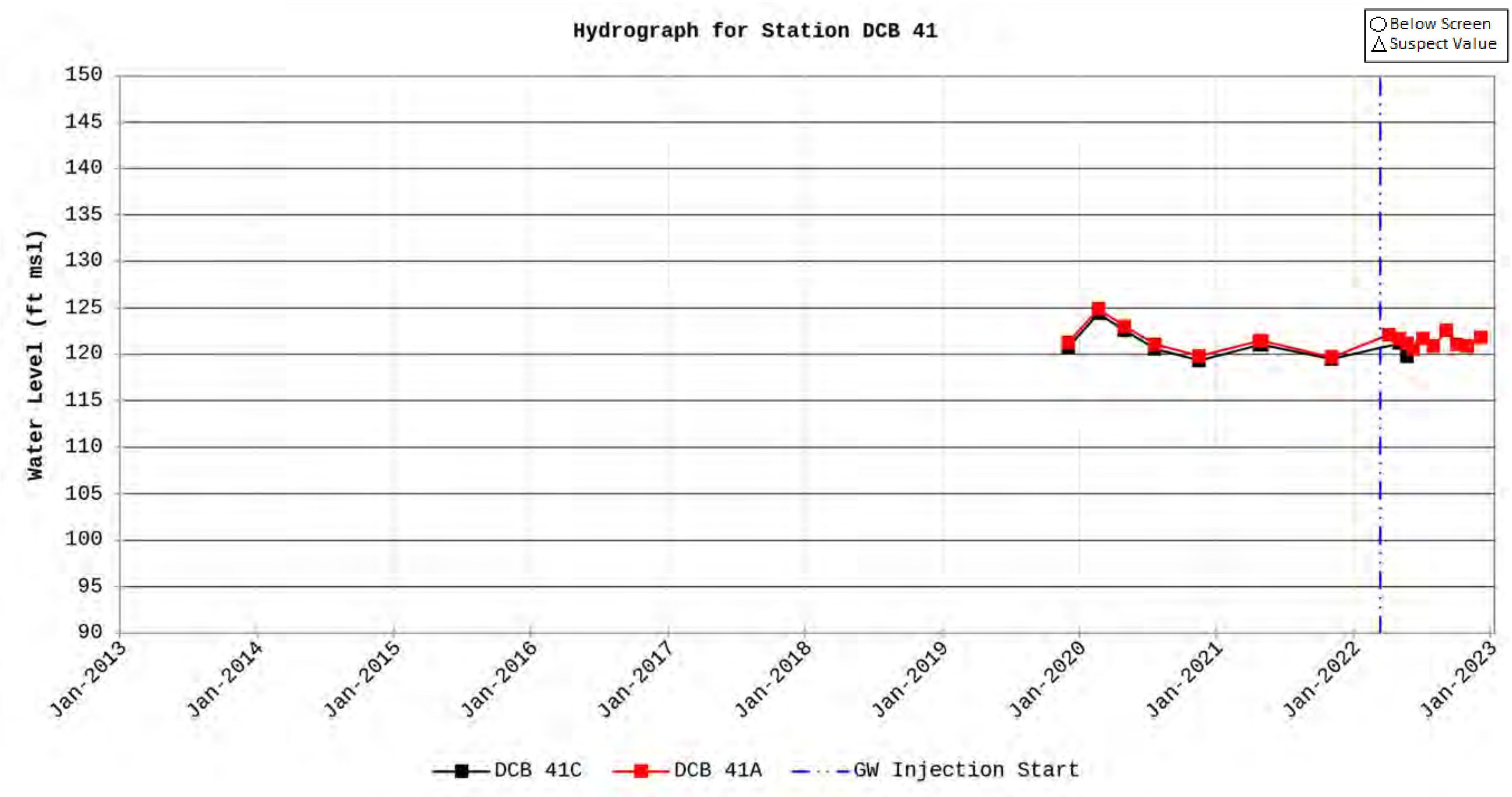

Hydrograph for Station DCB 33
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 33D
DCB 33B
DCB 33C
GW Injection Start

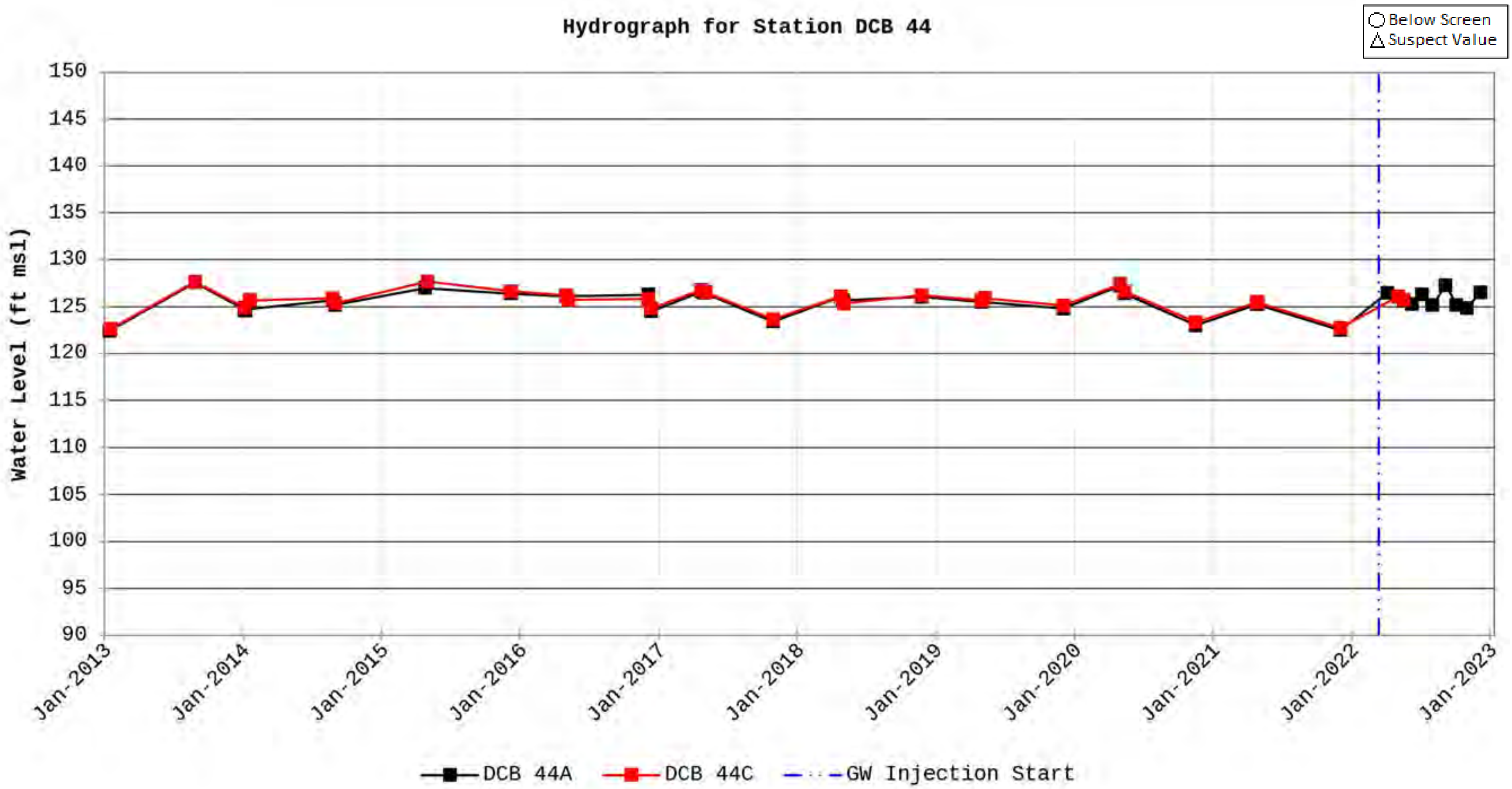

Hydrograph for Station DCB 34
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 34C
DCB 34A
GW Injection Start

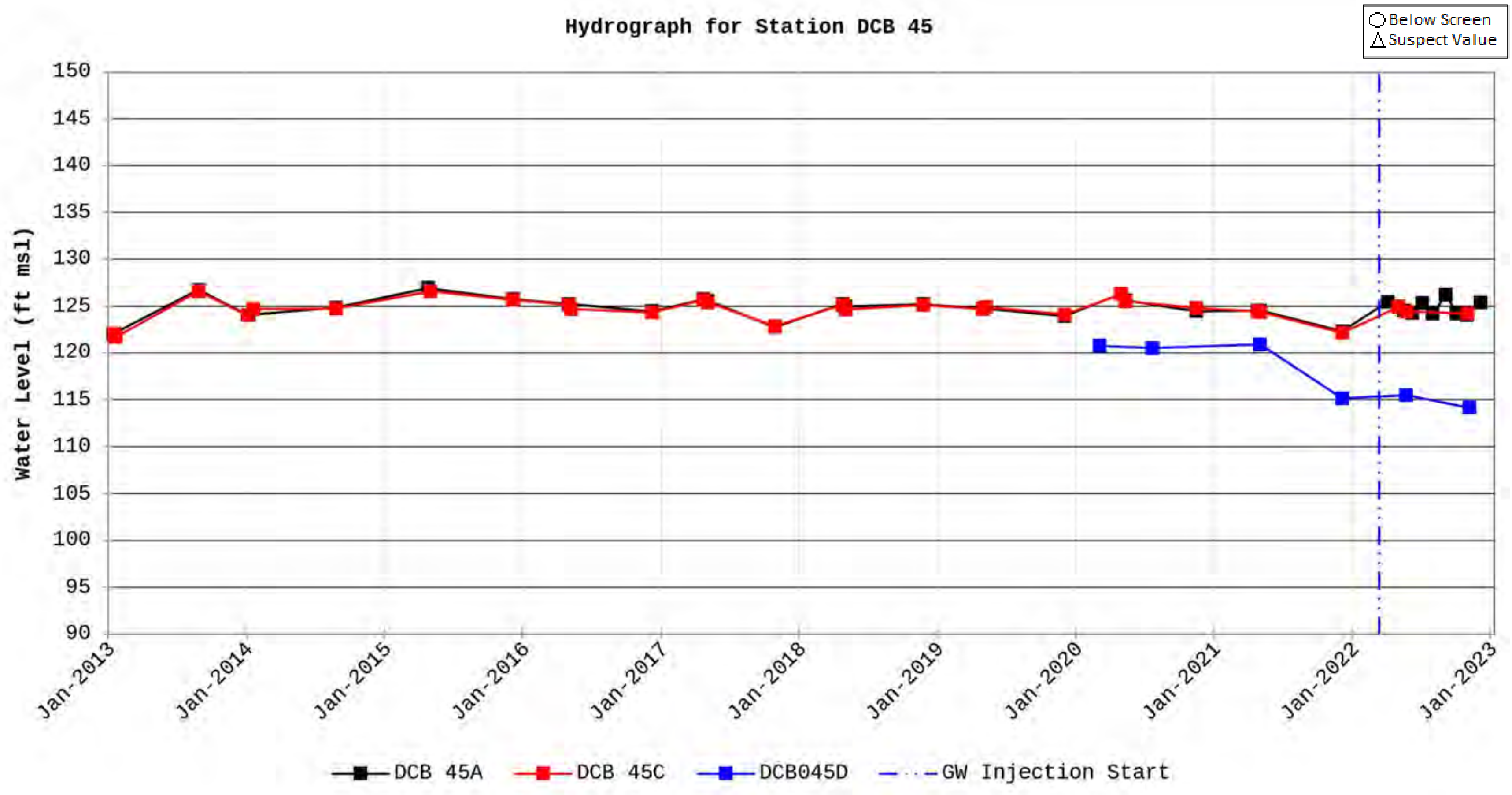

Hydrograph for Station DCB 35
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 35A
DCB 35C
DCB035D
GW Injection Start

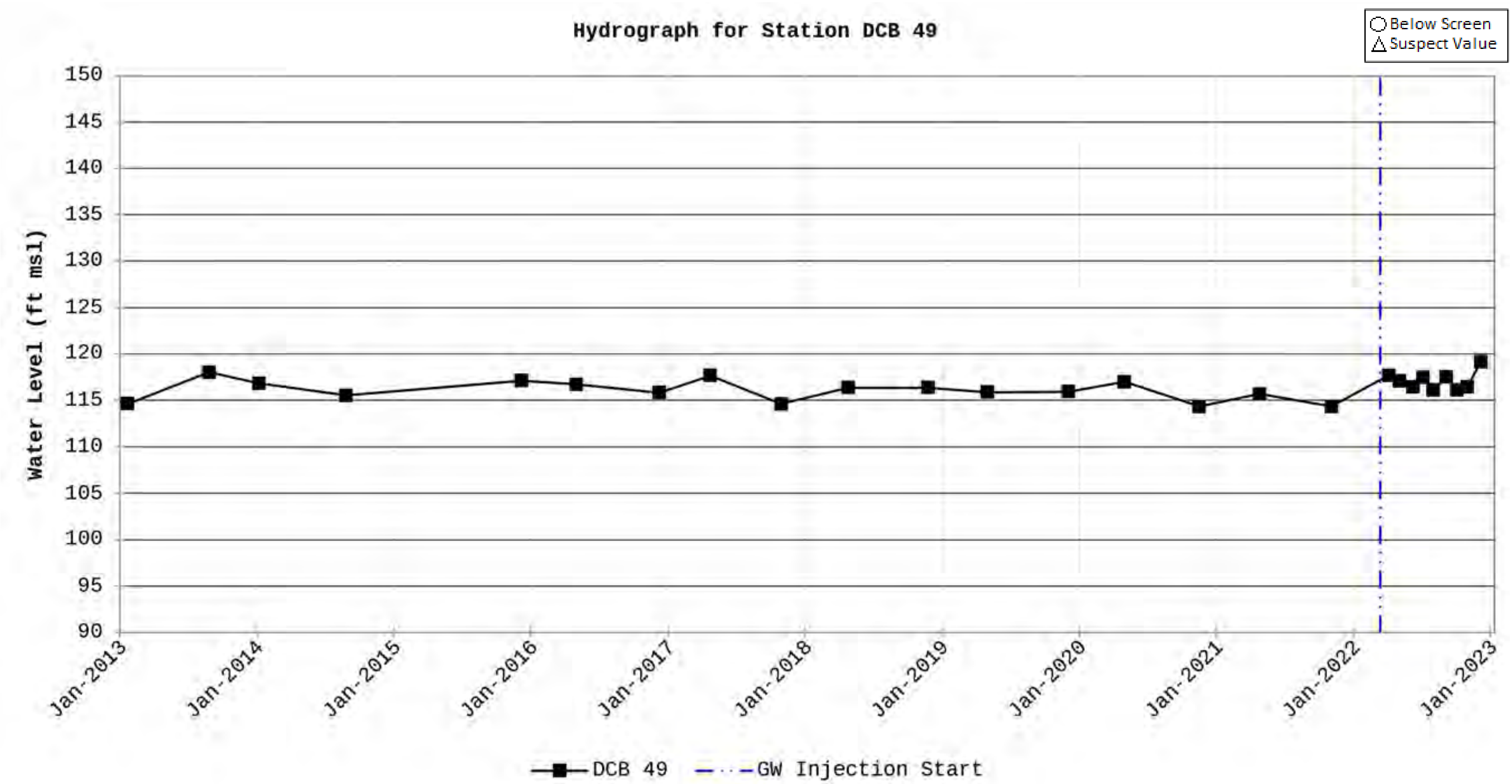

Hydrograph for Station DCB 36
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 36A
DCB 36C
GW Injection Start

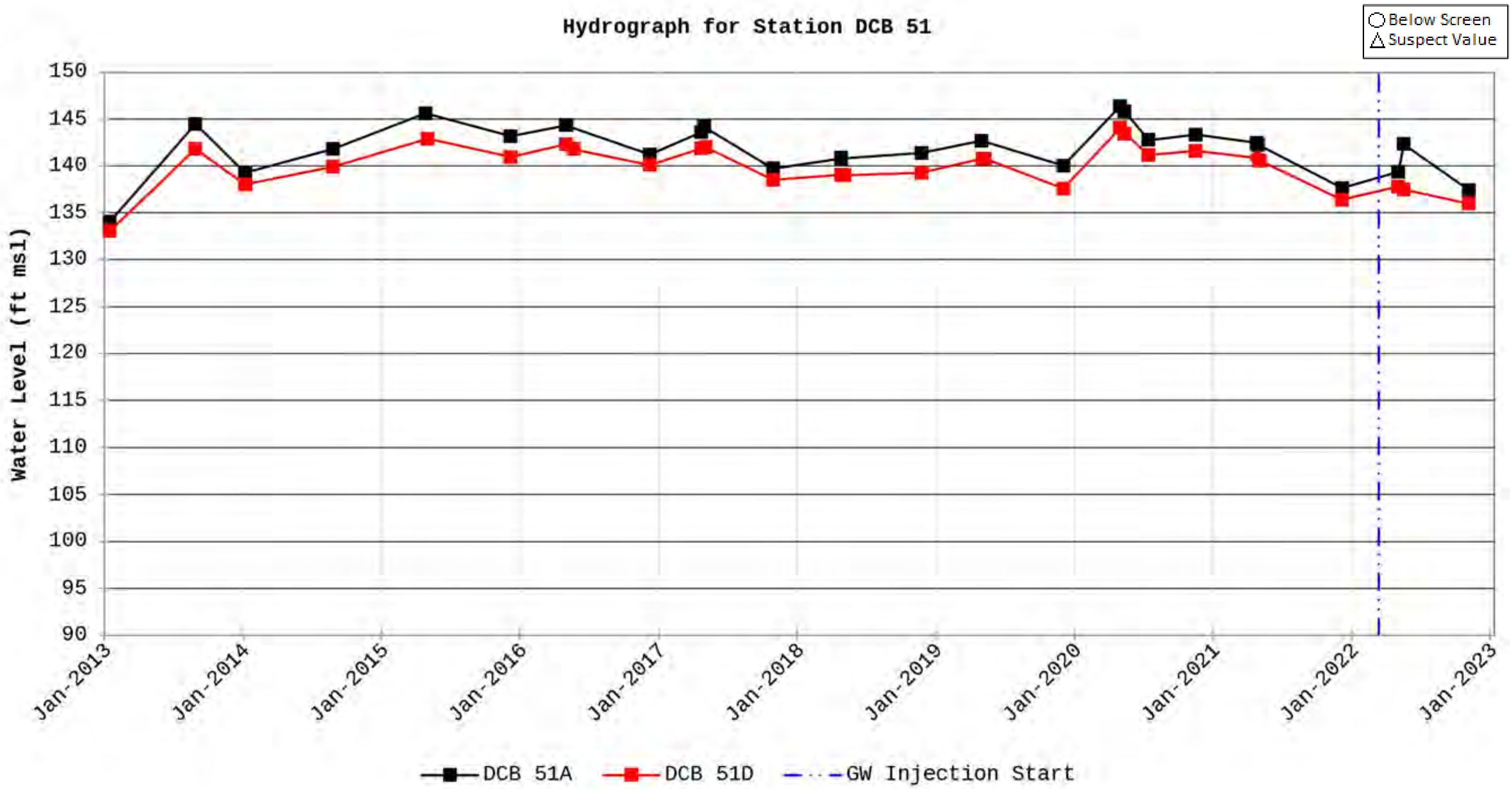

Hydrograph for Station DCB 37
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 37A
DCB 37D
DCB 37C
GW Injection Start

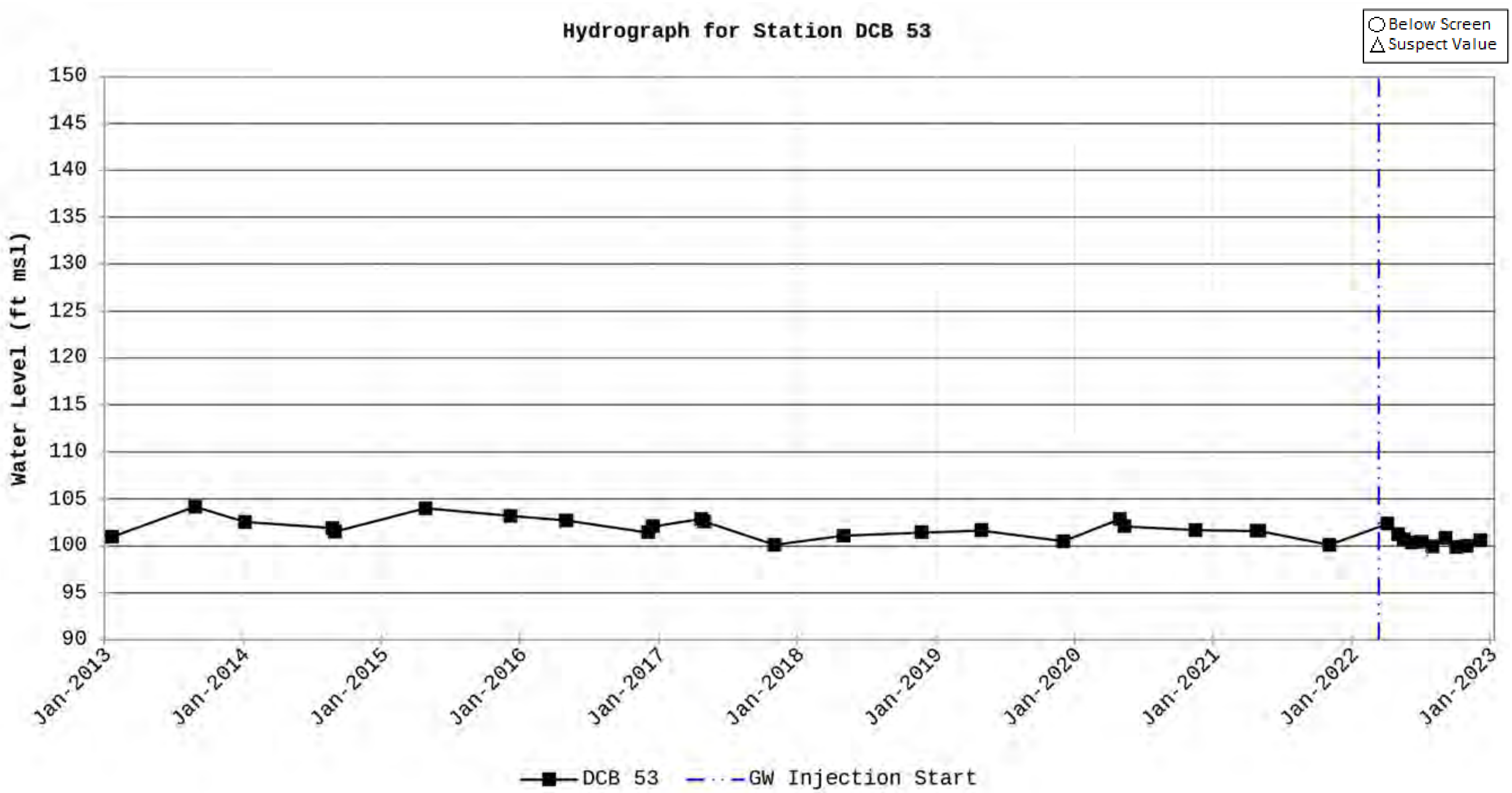

Hydrograph for Station DCB 41
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 41C
DCB 41A
GW Injection Start

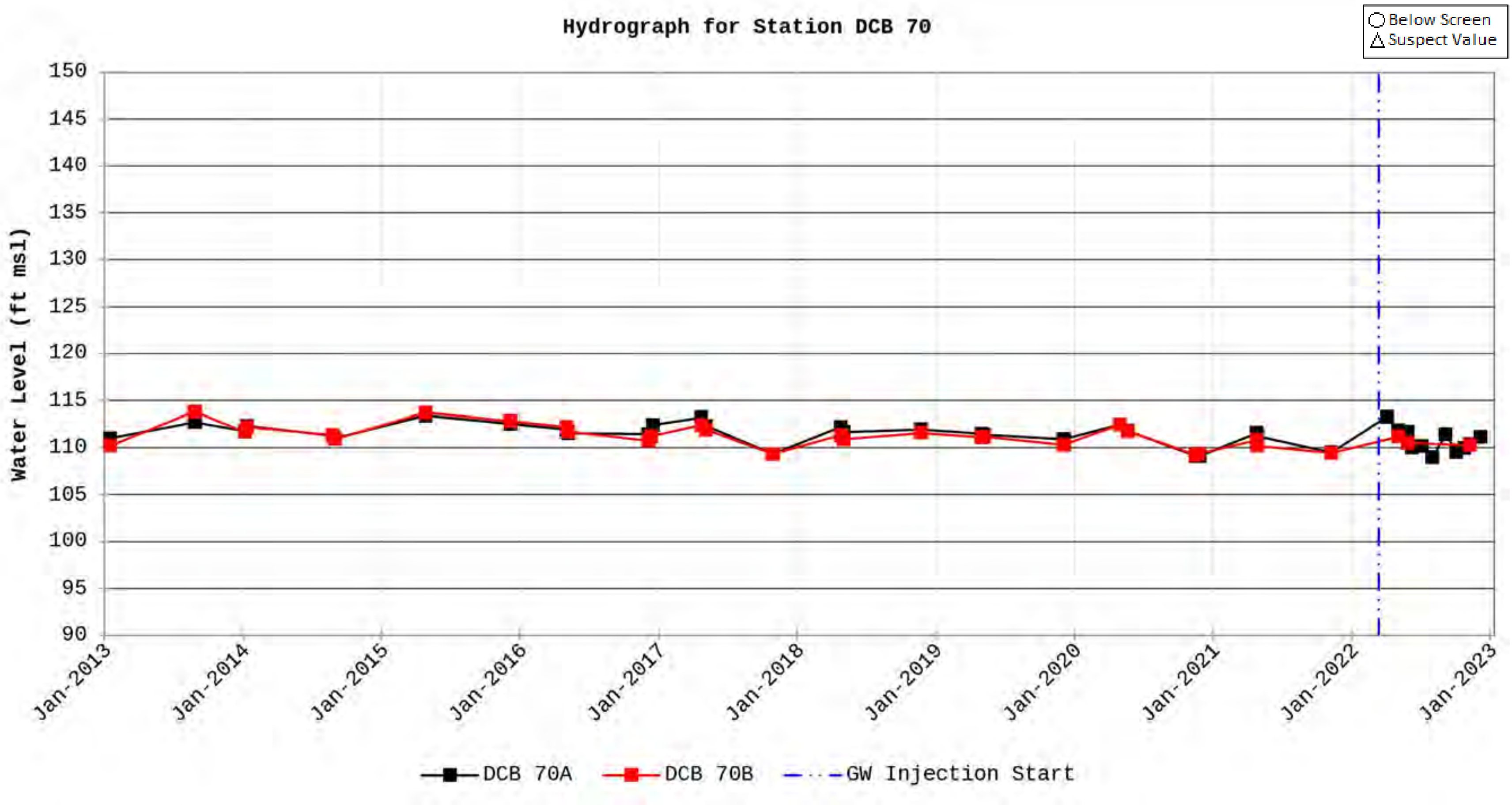

Hydrograph for Station DCB 44
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 44A
DCB 44C
GW Injection Start

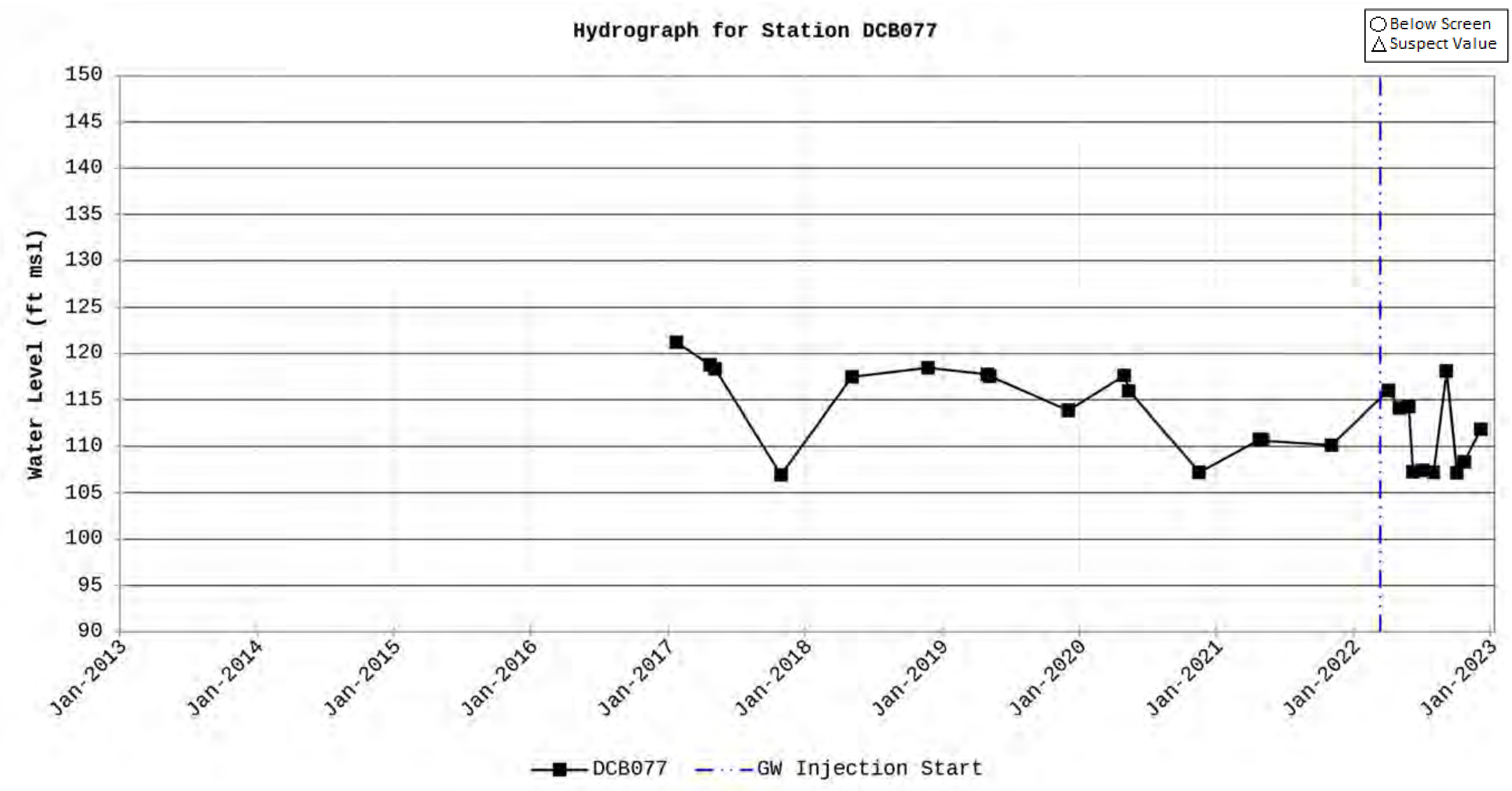

Hydrograph for Station DCB 45
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 45A
DCB 45C
DCB045D
GW Injection Start

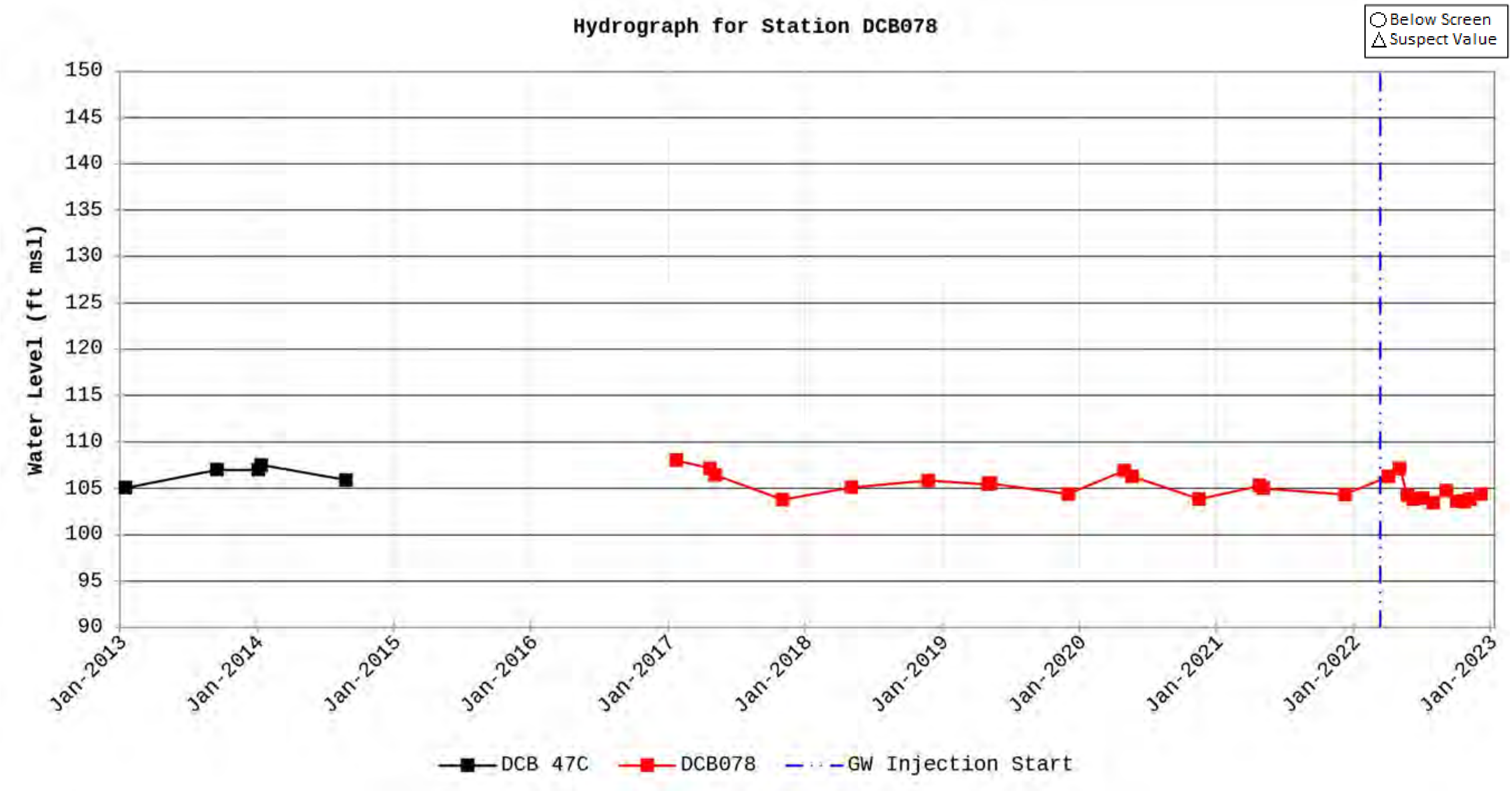

Hydrograph for Station DCB 49
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 49
GW Injection Start

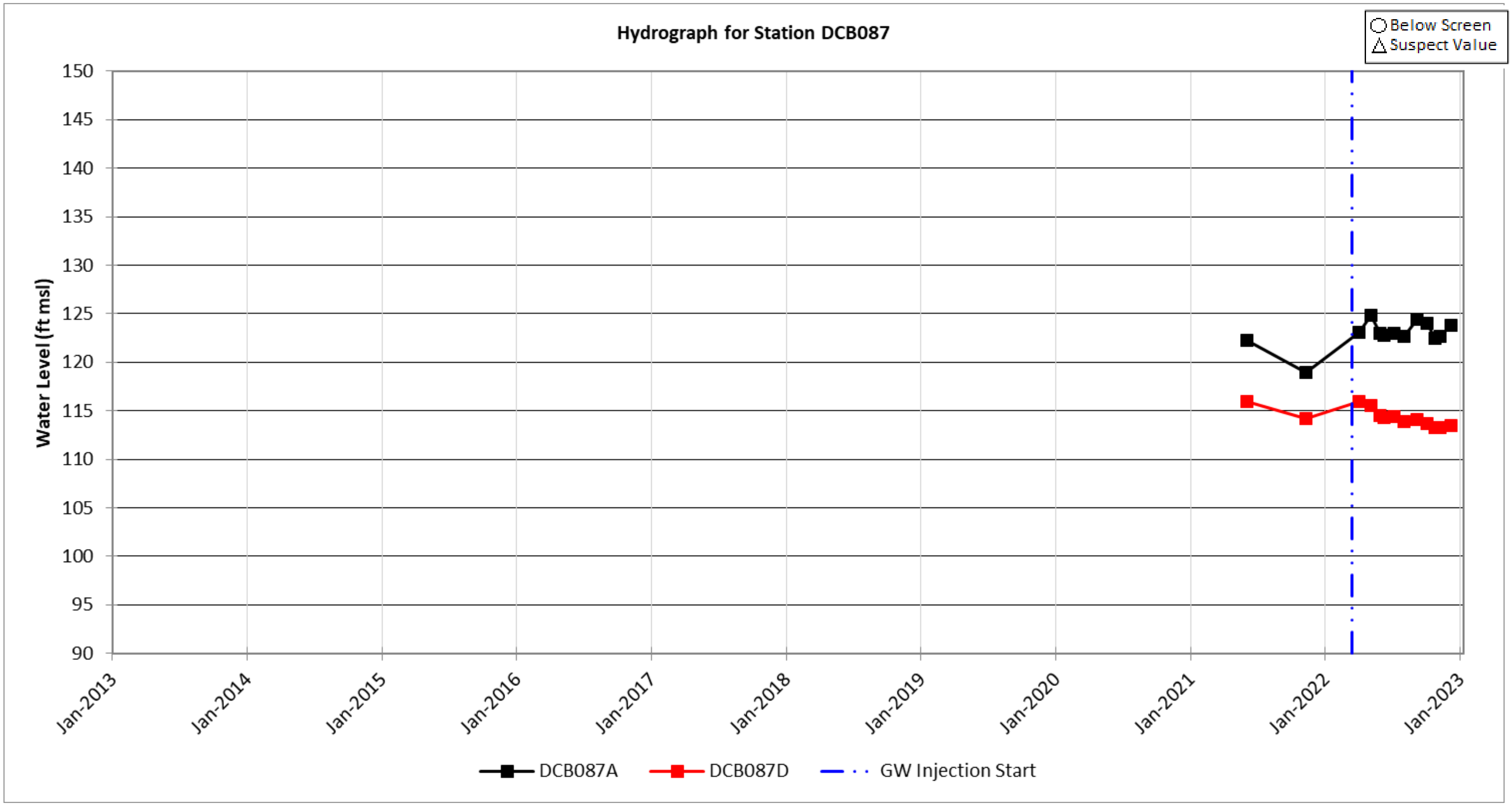

Hydrograph for Station DCB 51
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 51A
DCB 51D
GW Injection Start


Hydrograph for Station DCB 53
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 53
GW Injection Start


Hydrograph for Station DCB 70
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 70A
DCB 70B
GW Injection Start

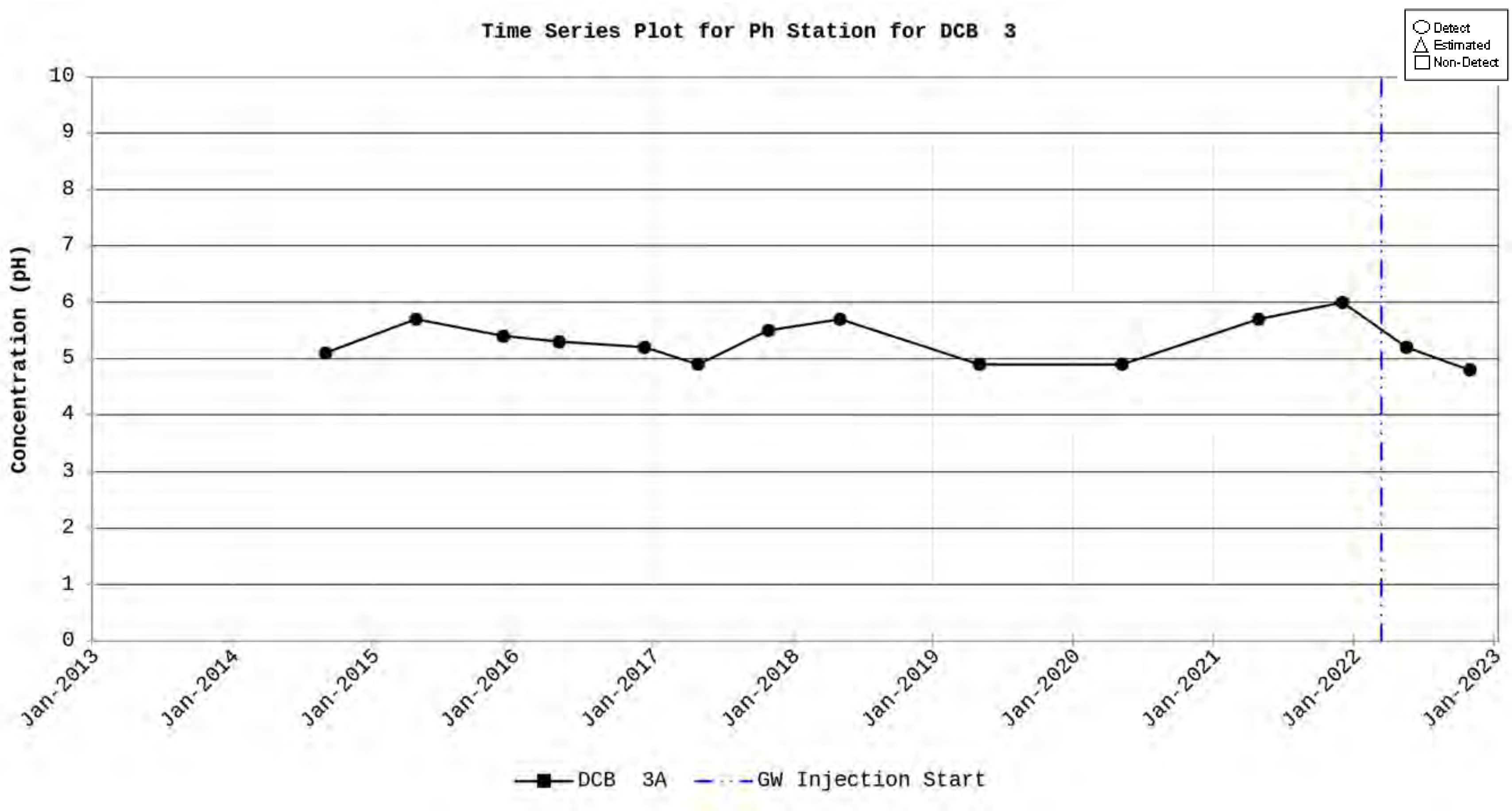

Hydrograph for Station DCB077
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB077
GW Injection Start

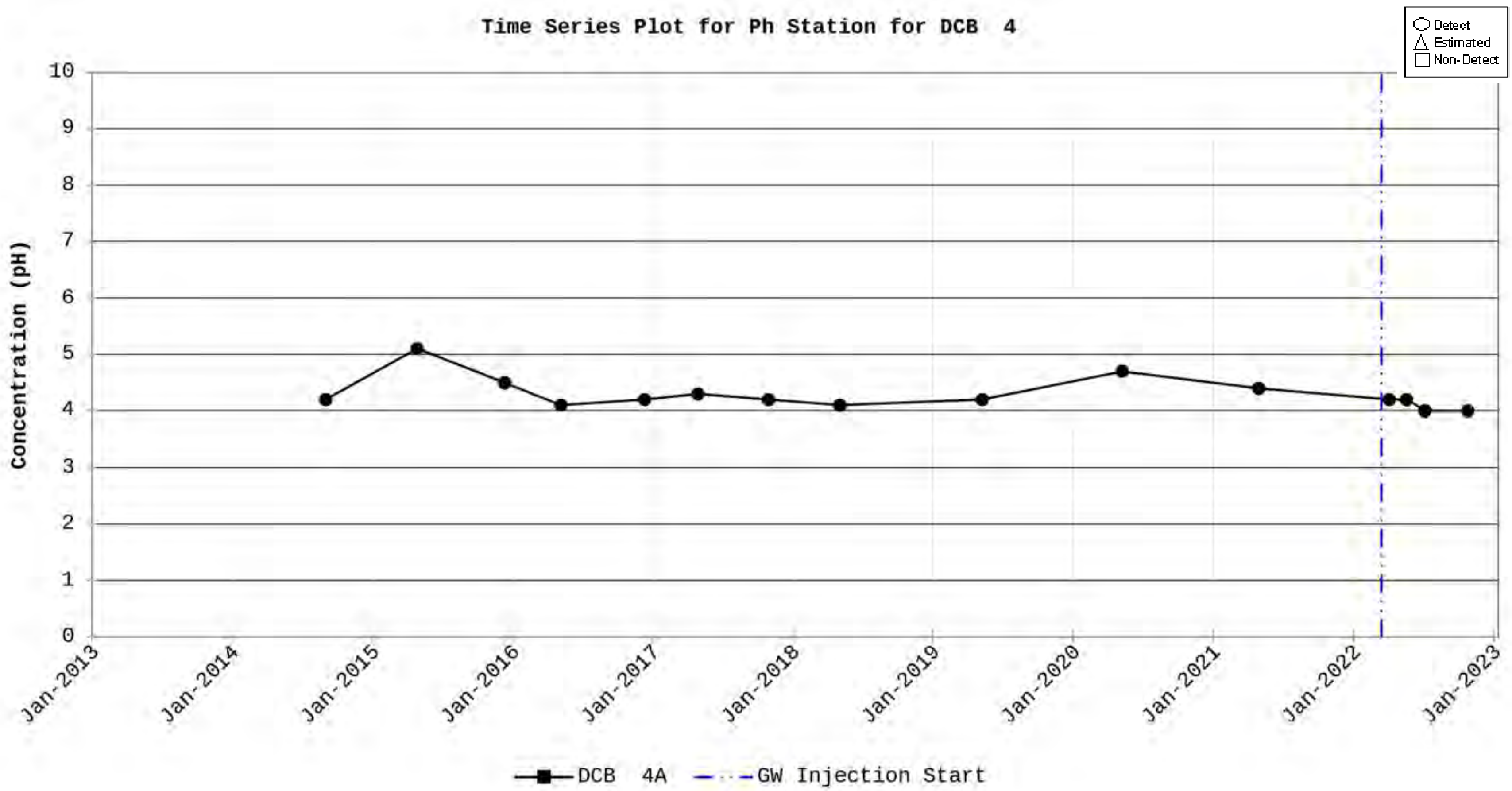

Hydrograph for Station DCB078
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 47C
DCB078
GW Injection Start

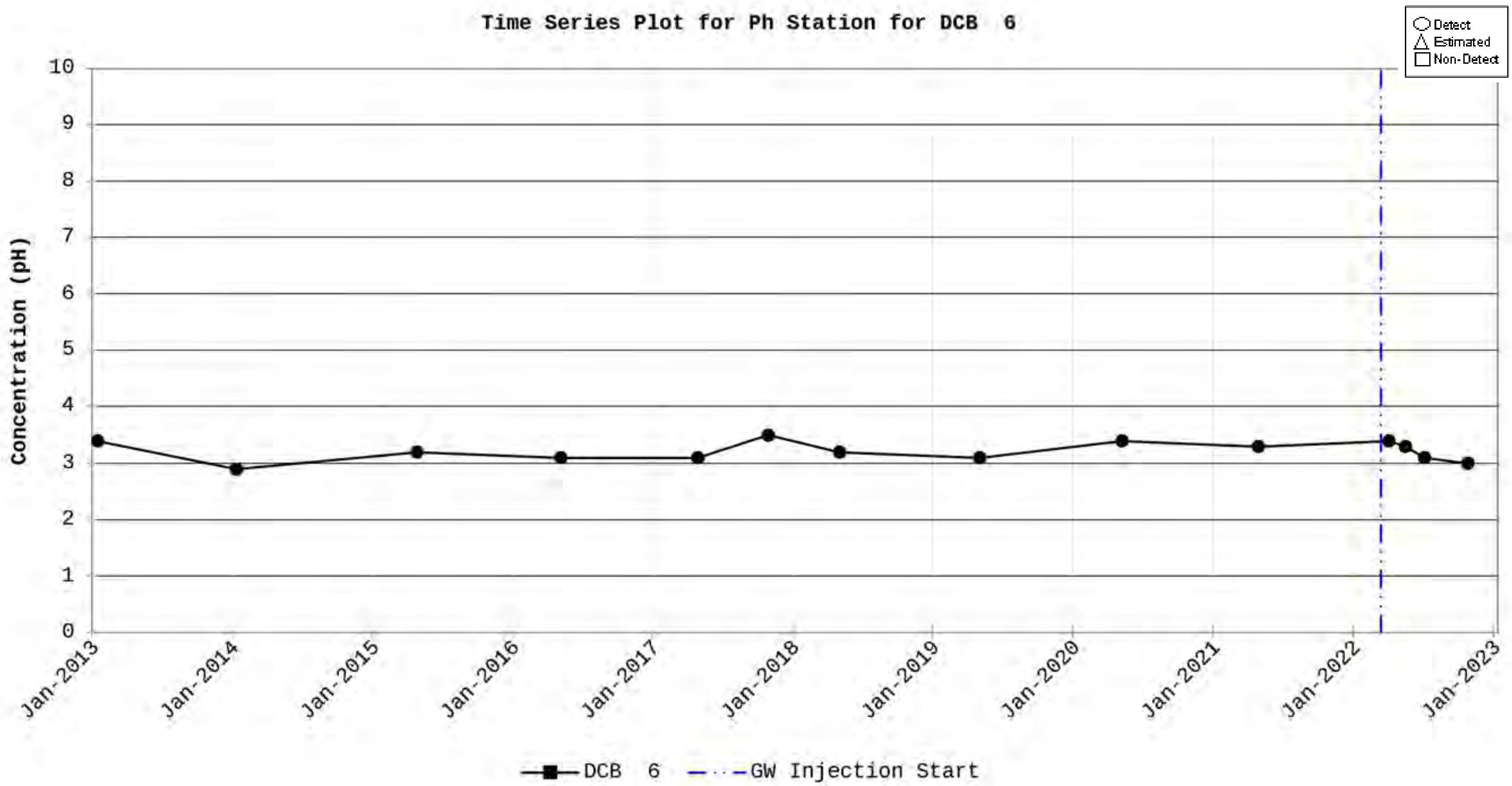

Hydrograph for Station DCB087
Below Screen
Suspect Value
Water Level (ft msl)
150
145
140
135
130
125
120
115
110
105
100
95
90
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB087A
DCB087D
GW Injection Start

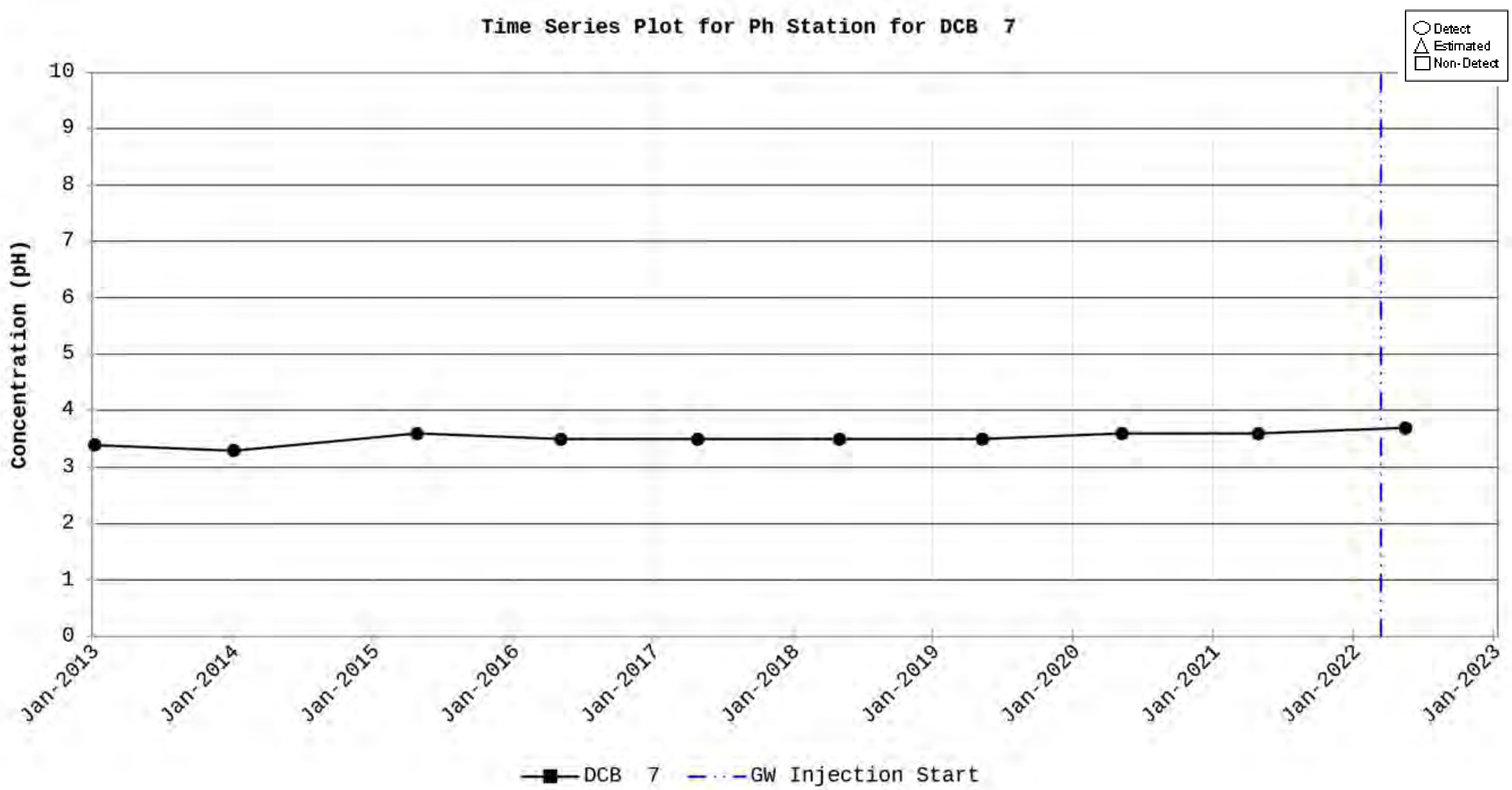
Appendix C

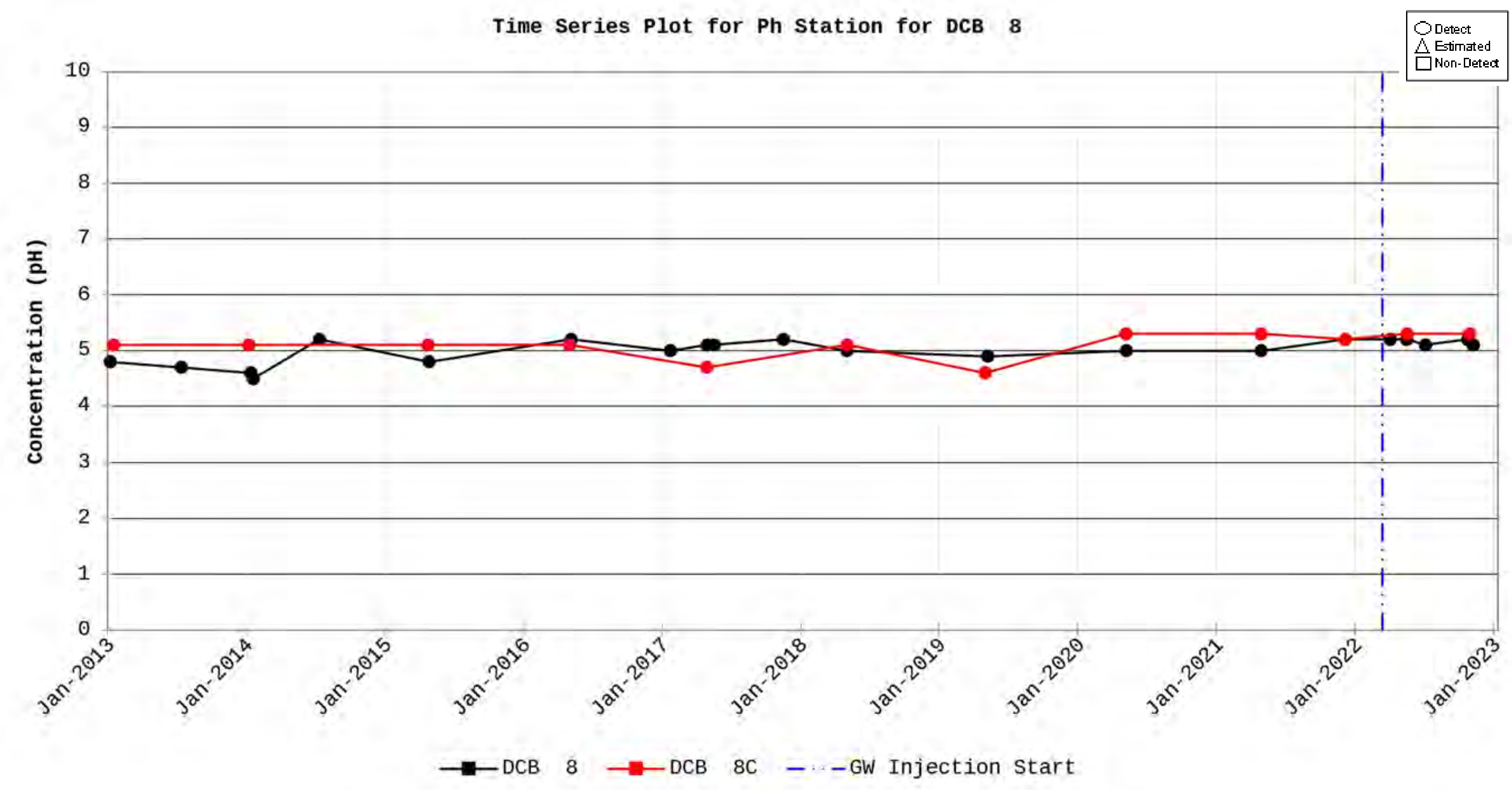
pH Times-Series Plots

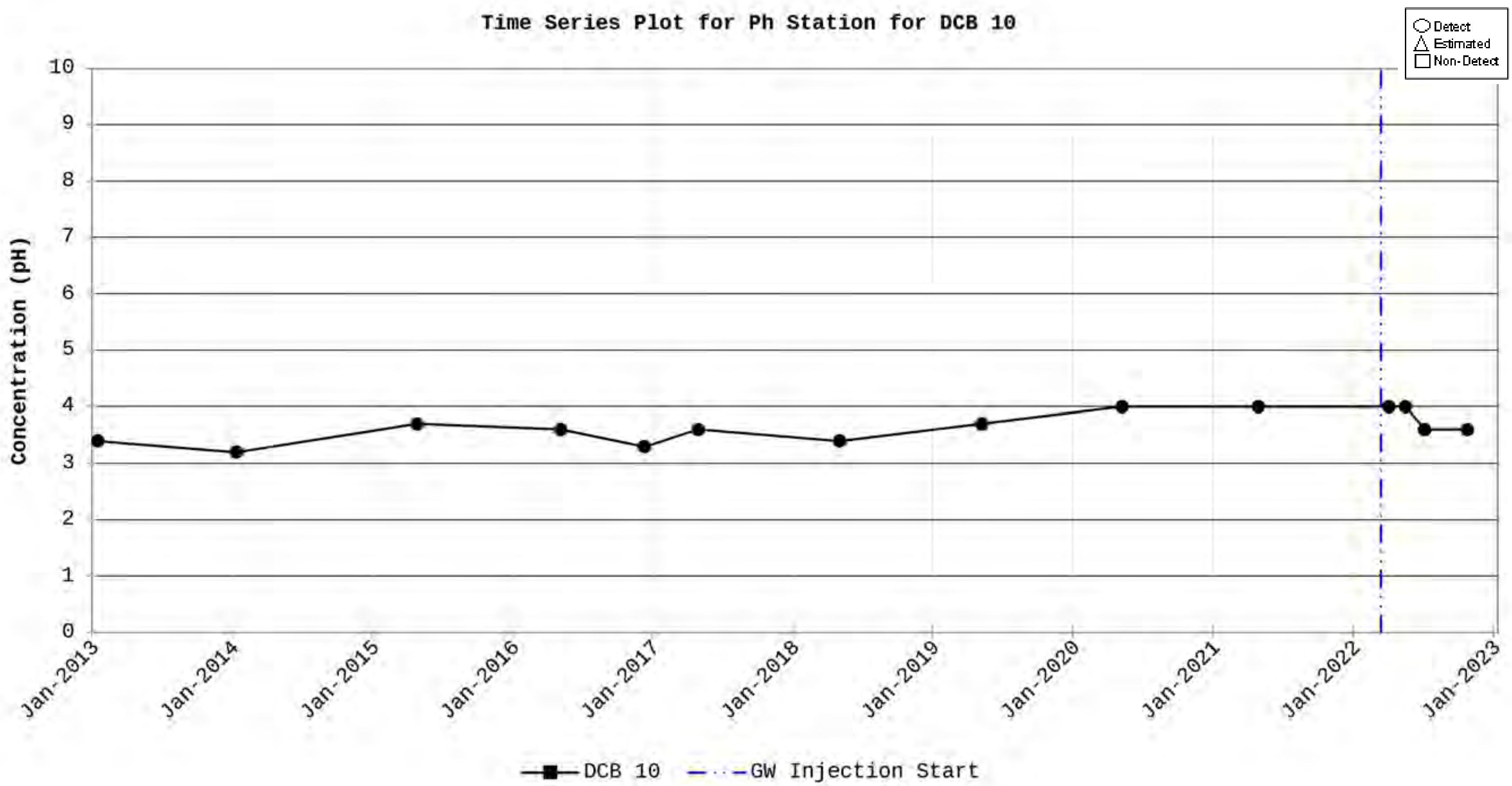

Time Series Plot for Ph Station for DCB 3
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 3A
GW Injection Start

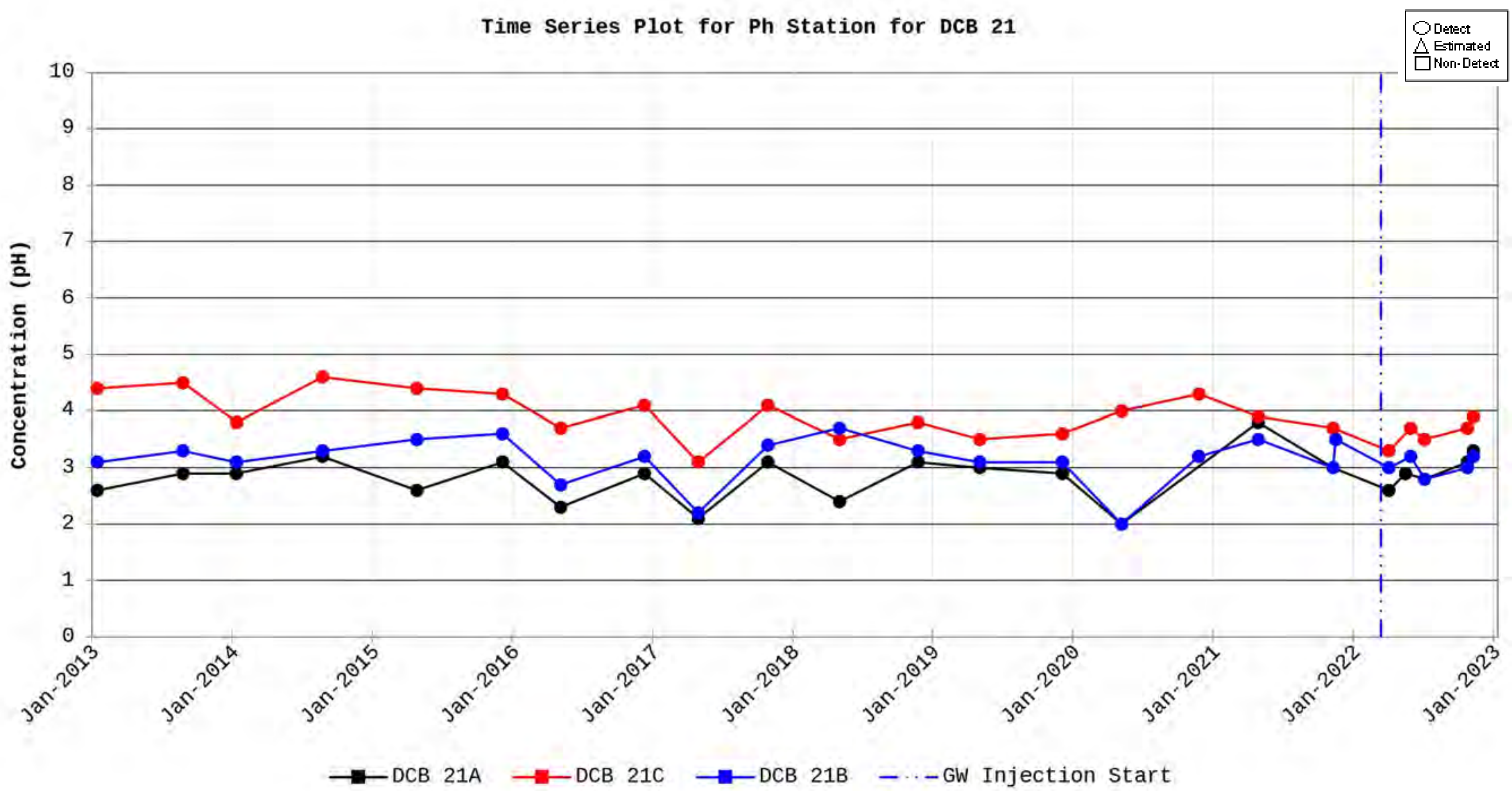

Time Series Plot for Ph Station for DCB 4
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 4A
GW Injection Start

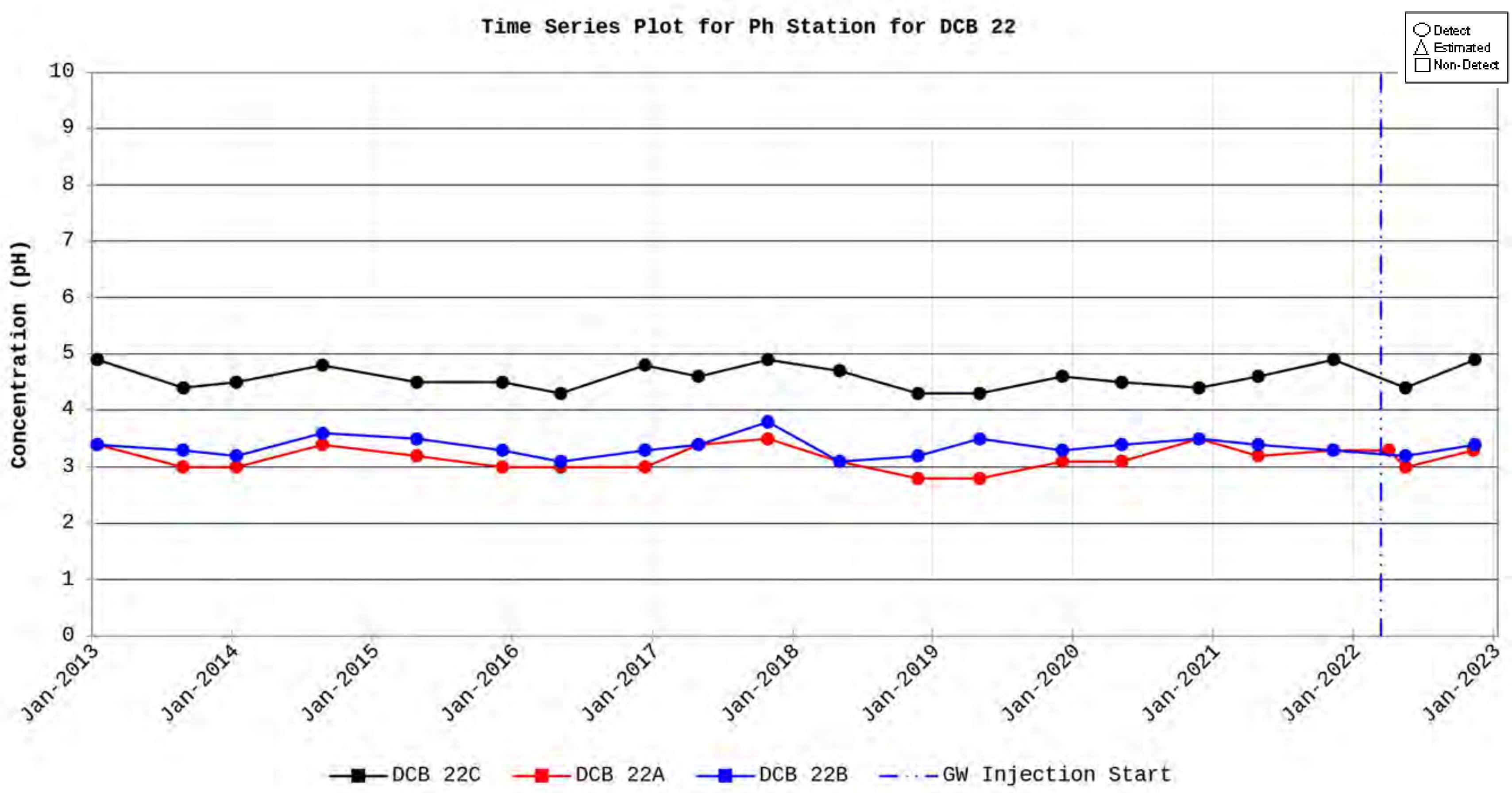

Time Series Plot for Ph Station for DCB 6
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 6
GW Injection Start

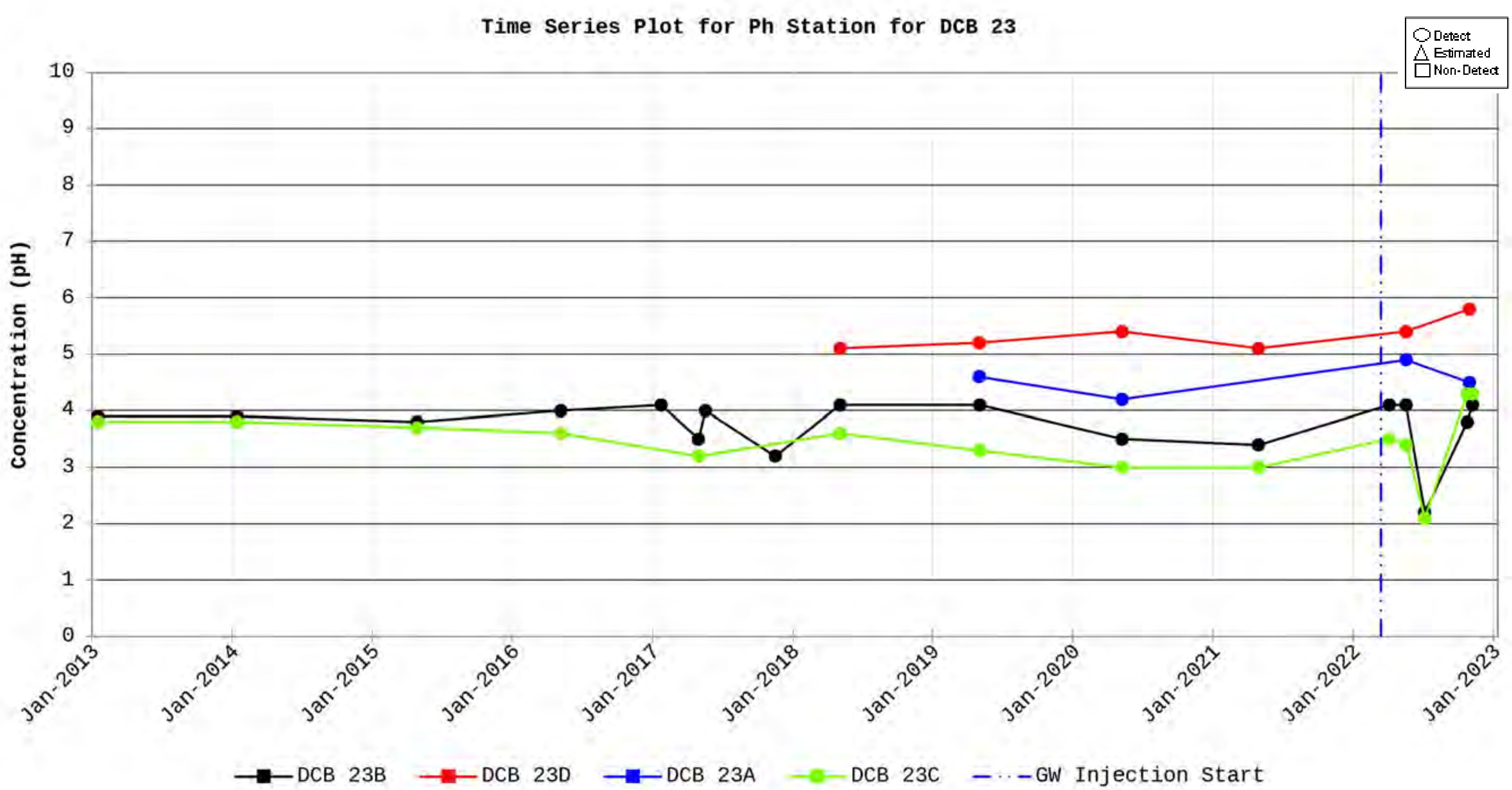

Time Series Plot for Ph Station for DCB 7
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 7
GW Injection Start

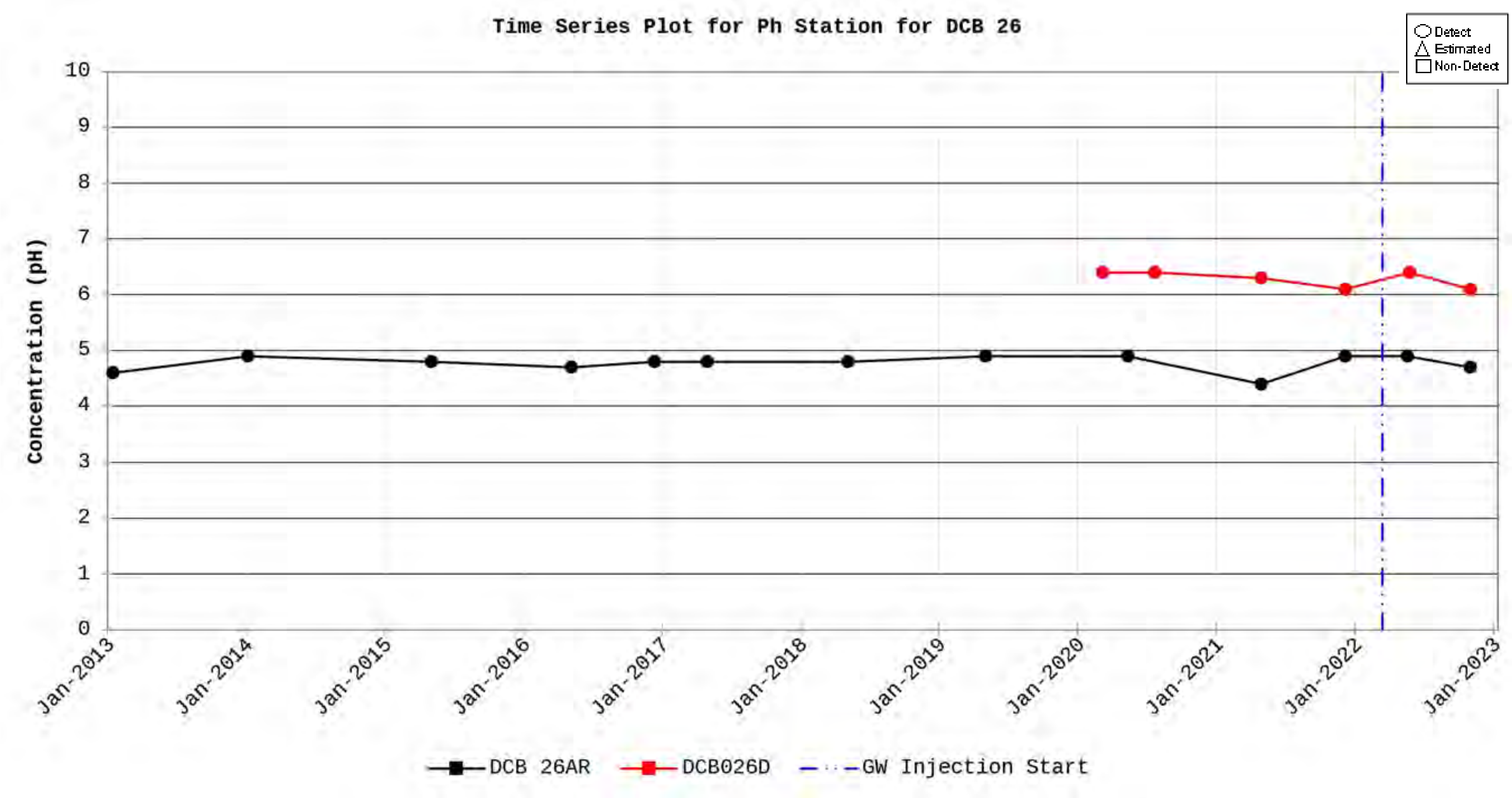

Time Series Plot for Ph Station for DCB 8
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 8
DCB 8C
GW Injection Start

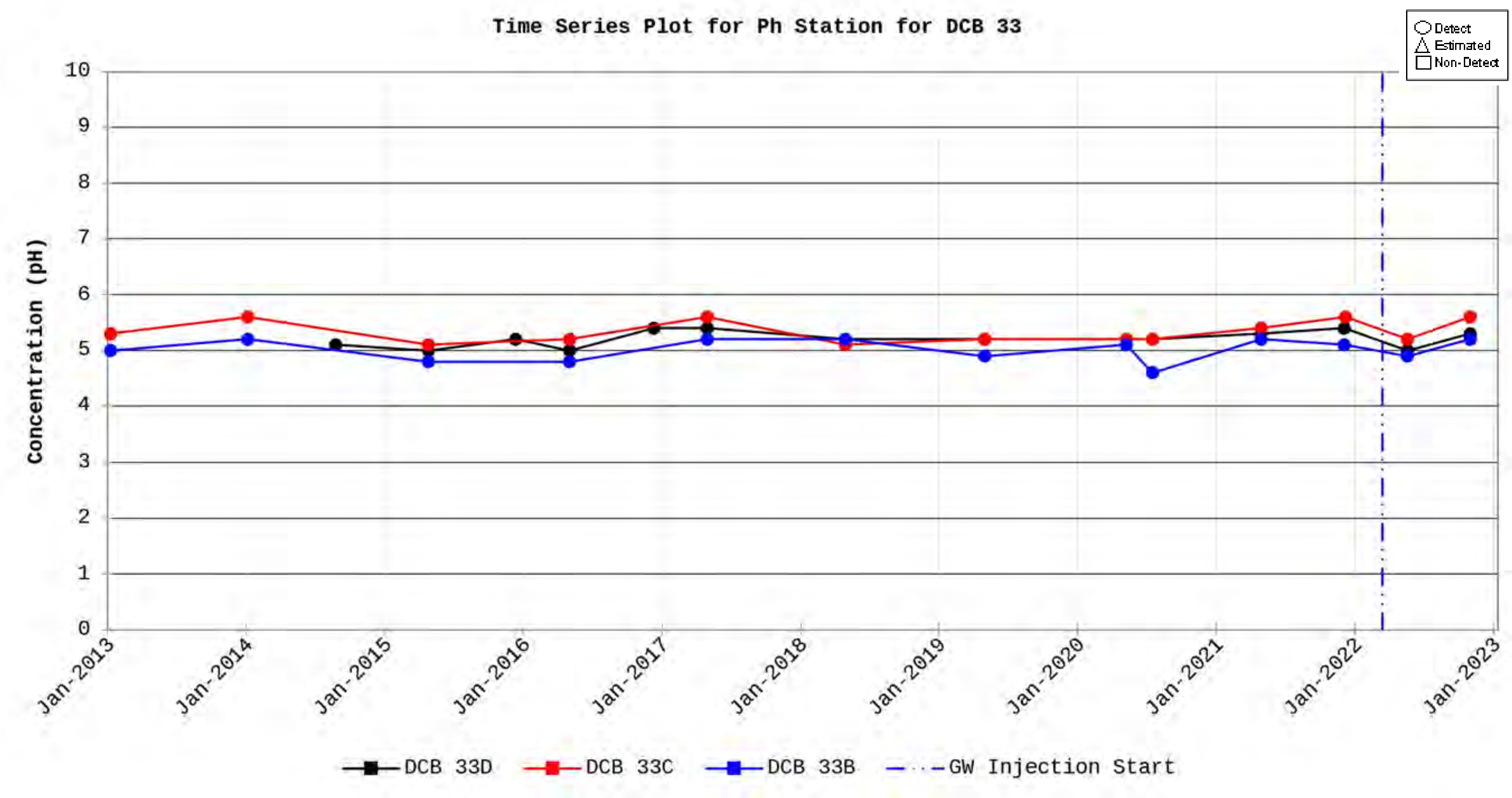

Time Series Plot for Ph Station for DCB 10
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 10
GW Injection Start

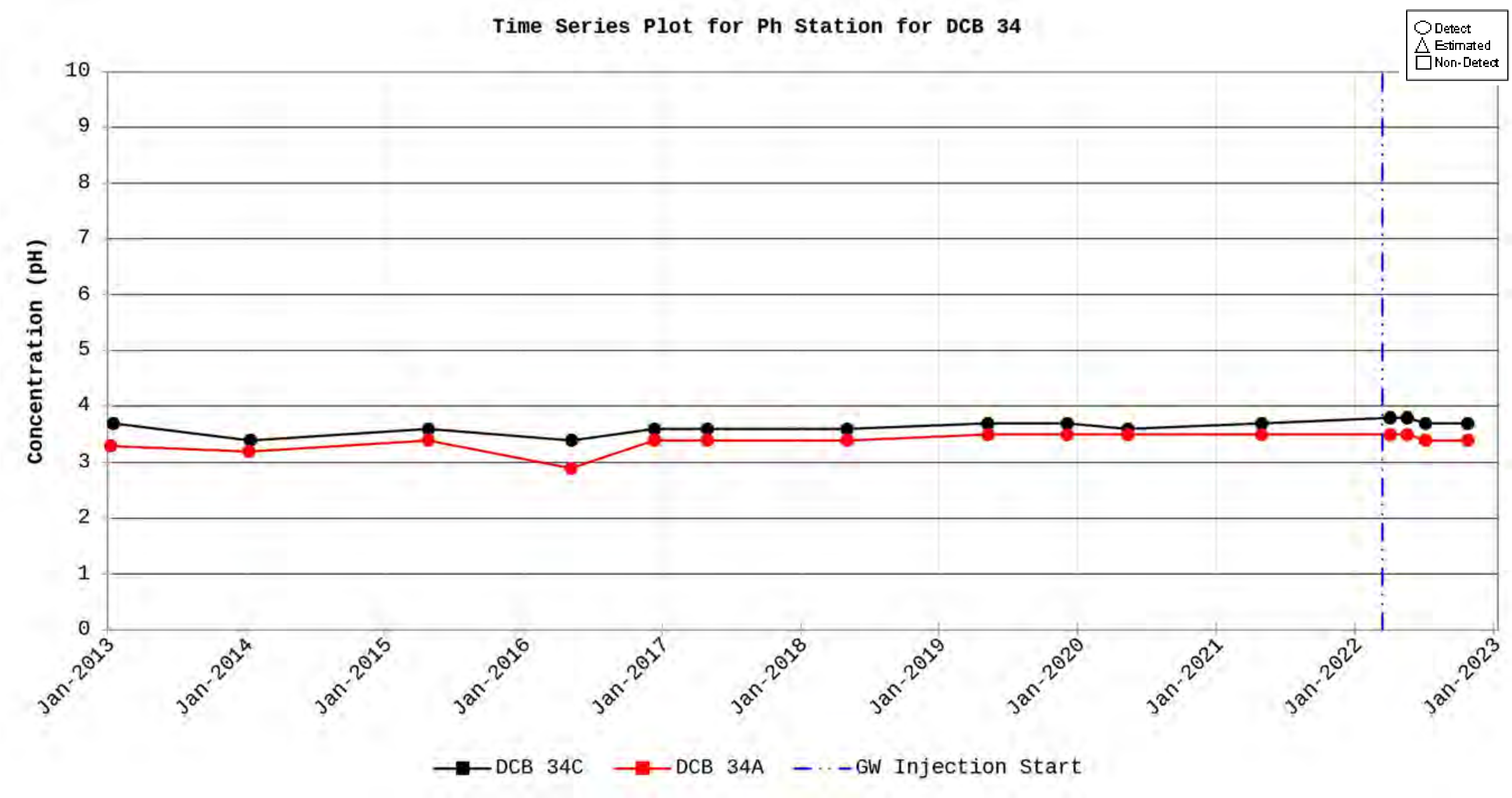

Time Series Plot for Ph Station for DCB 21
Detect
Estimated
Non-Detect
Concentration (pH)
0
1
2
3
4
5
6
7
8
9
10
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 21A
DCB 21C
DCB 21B
GW Injection Start

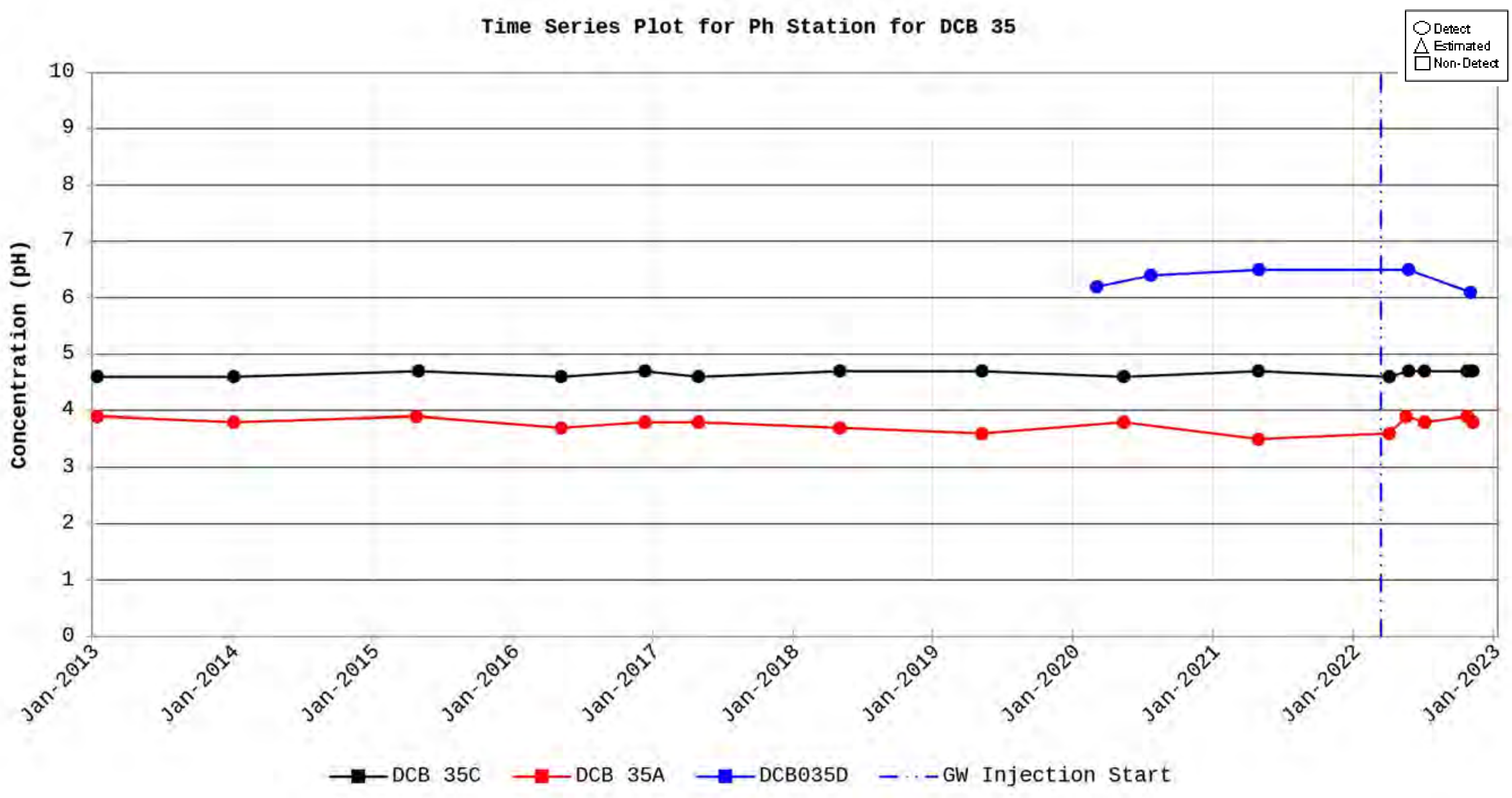

Time Series Plot for Ph Station for DCB 22
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 22C
DCB 22A
DCB 22B
GW Injection Start

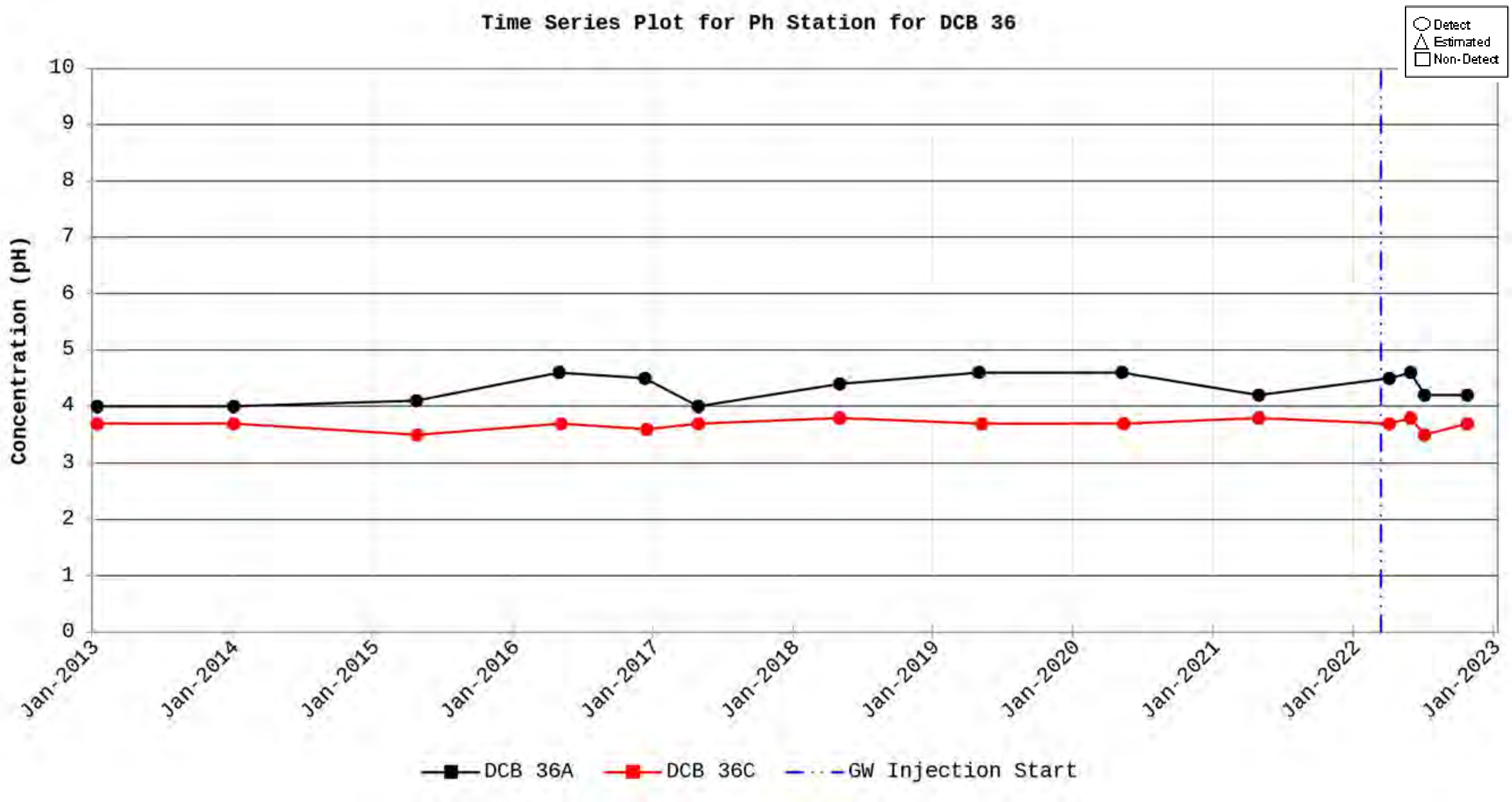

Time Series Plot for Ph Station for DCB 23
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 23B
DCB 23D
DCB 23A
DCB 23C
GW Injection Start

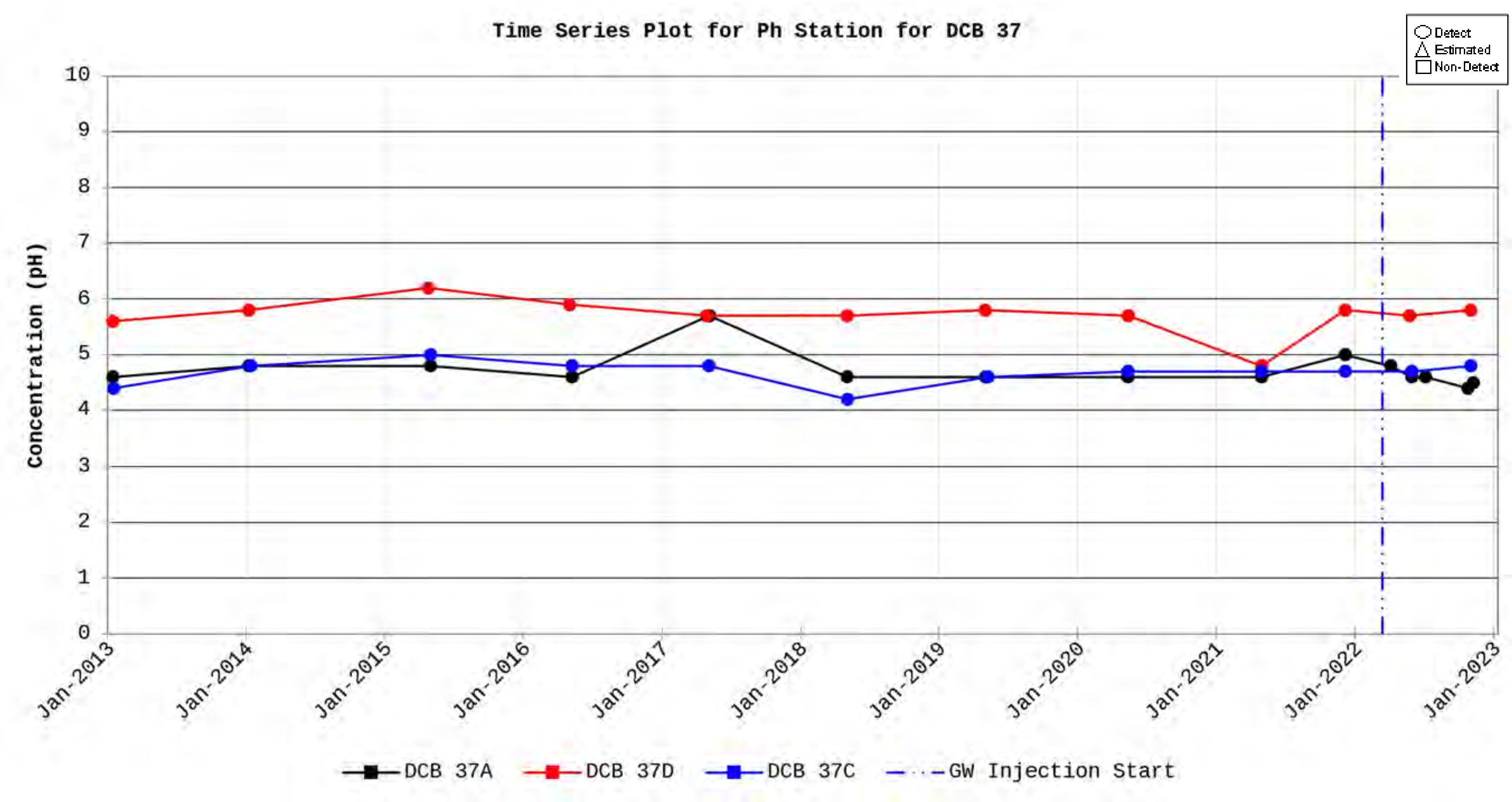

Time Series Plot for Ph Station for DCB 26
Detect
Estimated
Non-Detect
Concentration (pH)
0
1
2
3
4
5
6
7
8
9
10
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 26AR
DCB026D
GW Injection Start

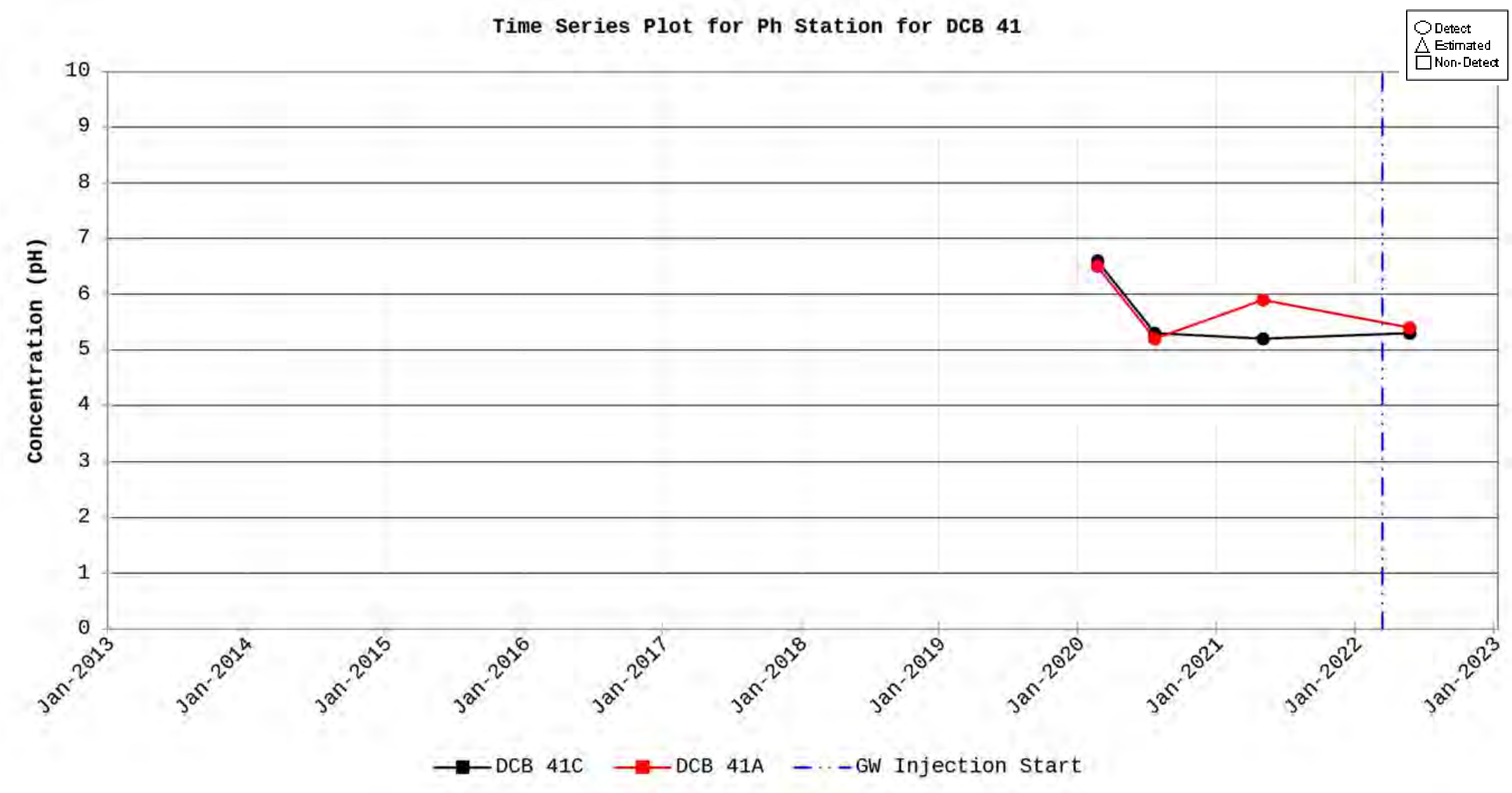

Time Series Plot for Ph Station for DCB 33
Detect
Estimated
Non-Detect
Concentration (pH)
0
1
2
3
4
5
6
7
8
9
10
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 33D
DCB 33C
DCB 33B
GW Injection Start

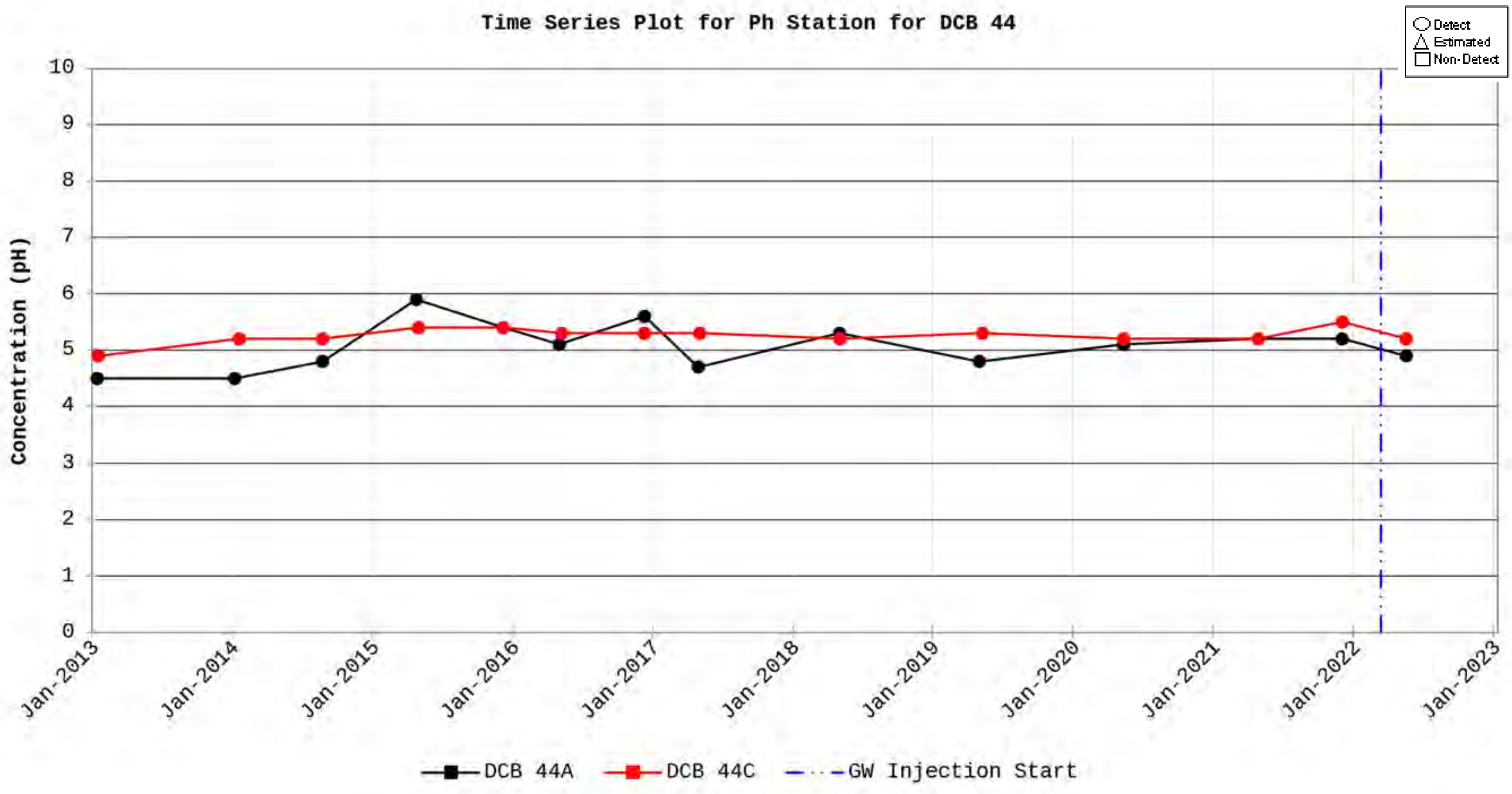

Time Series Plot for Ph Station for DCB 34
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 34C
DCB 34A
GW Injection Start

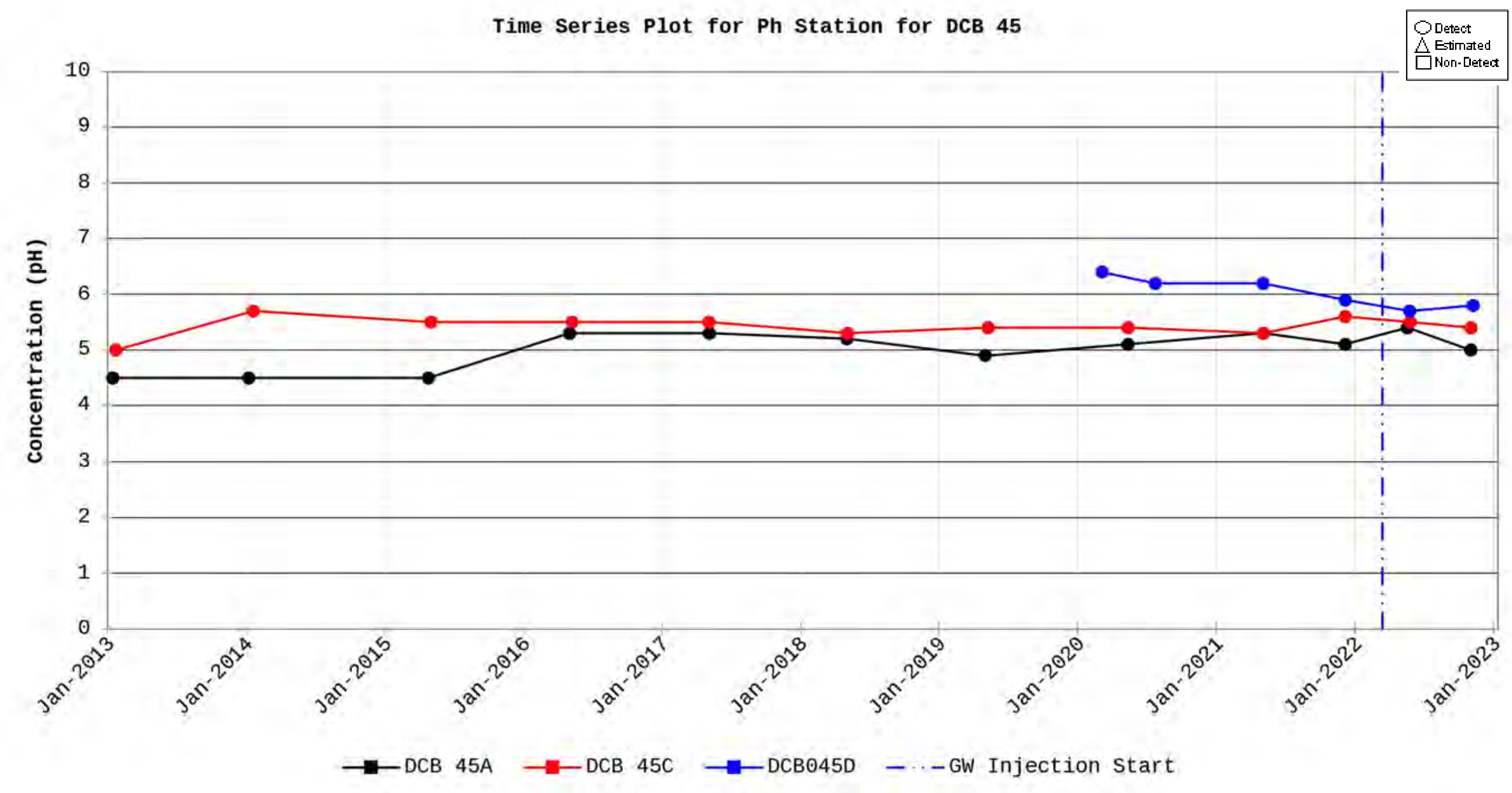

Time Series Plot for Ph Station for DCB 35
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 35C
DCB 35A
DCB035D
GW Injection Start

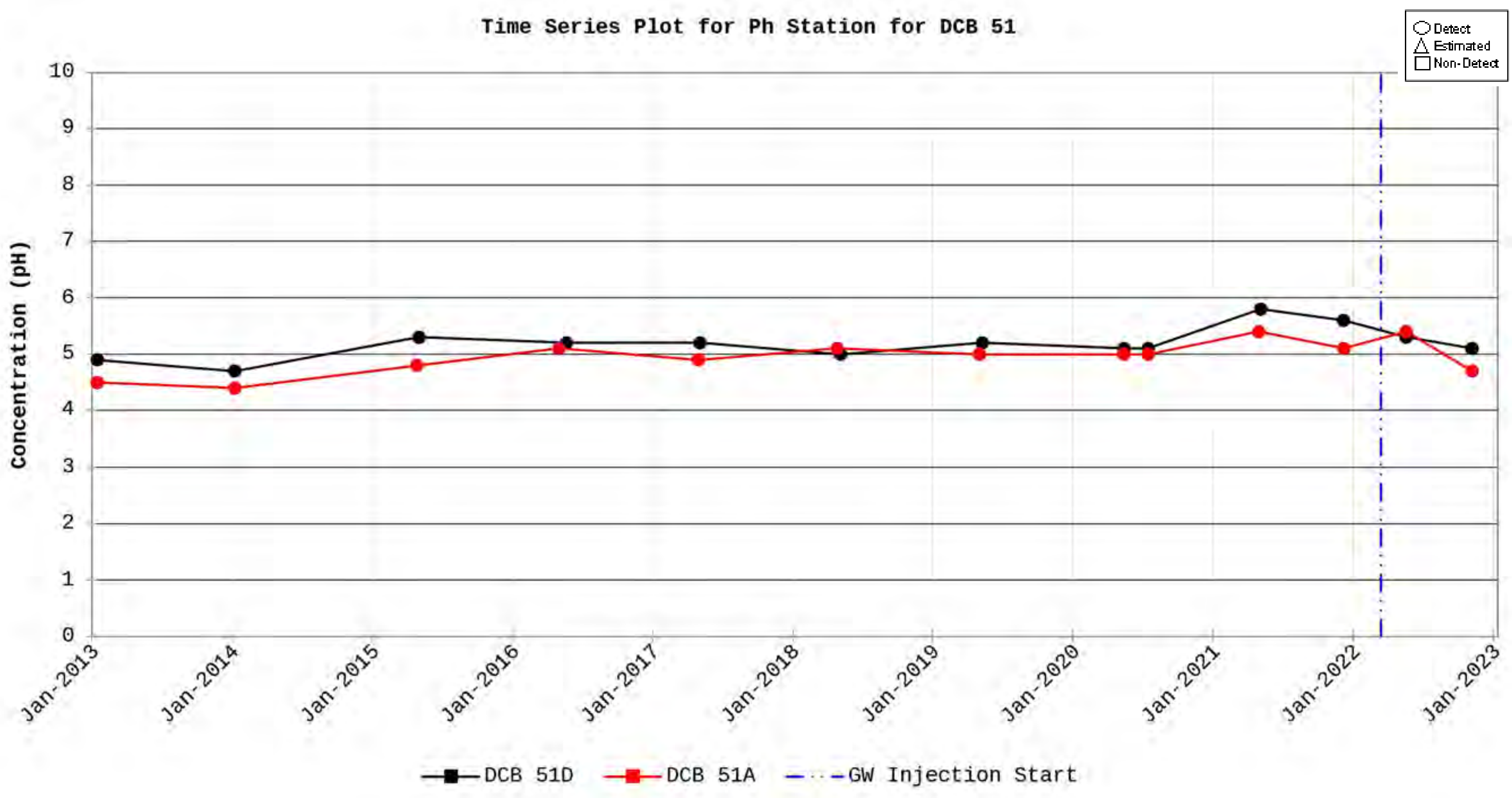

Time Series Plot for Ph Station for DCB 36
Detect
Estimated
Non-Detect
Concentration (pH)
0
1
2
3
4
5
6
7
8
9
10
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 36A
DCB 36C
GW Injection Start

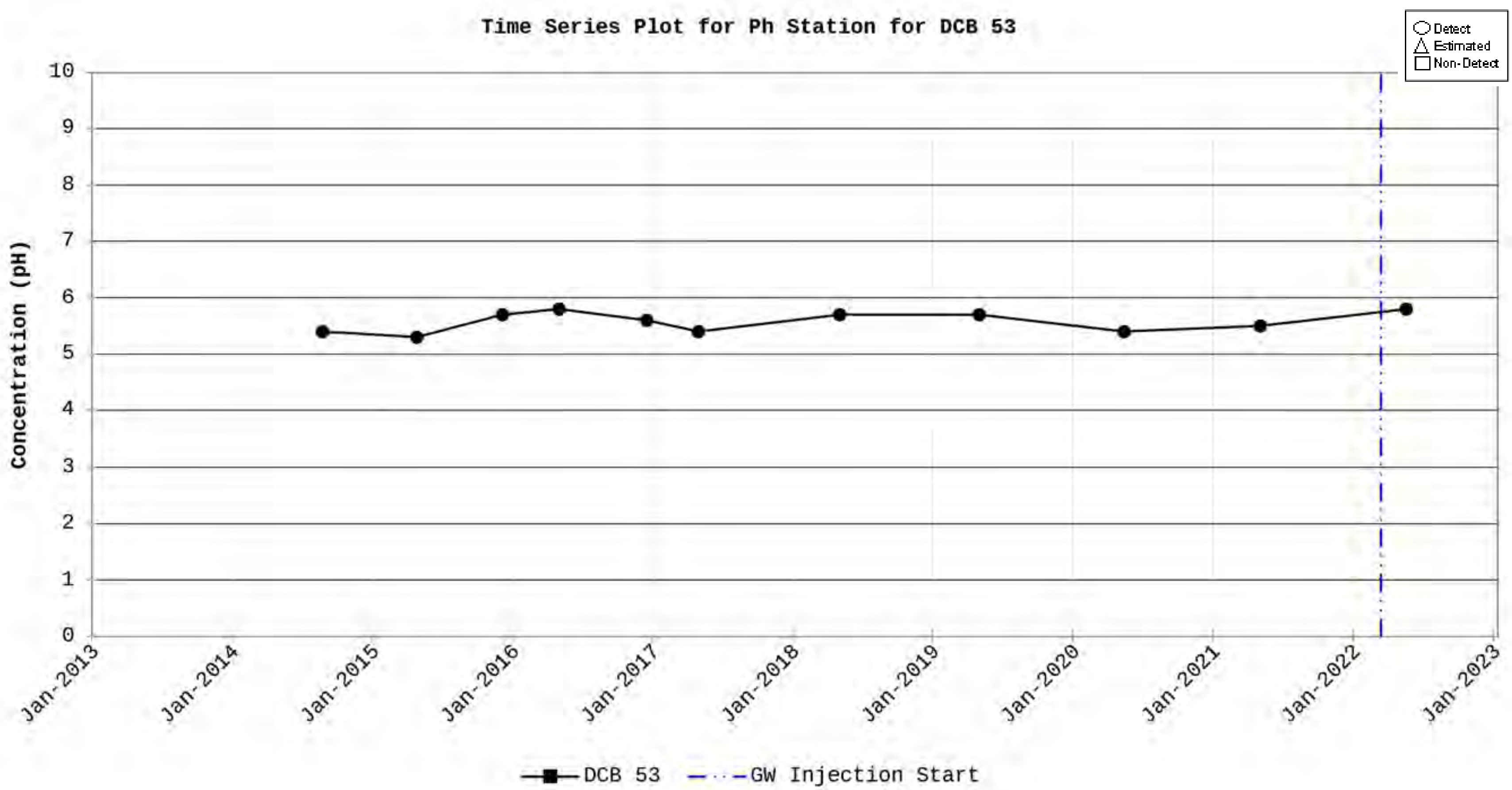

Time Series Plot for Ph Station for DCB 37
Detect
Estimated
Non-Detect
Concentration (pH)
0
1
2
3
4
5
6
7
8
9
10
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 37A
DCB 37D
DCB 37C
GW Injection Start

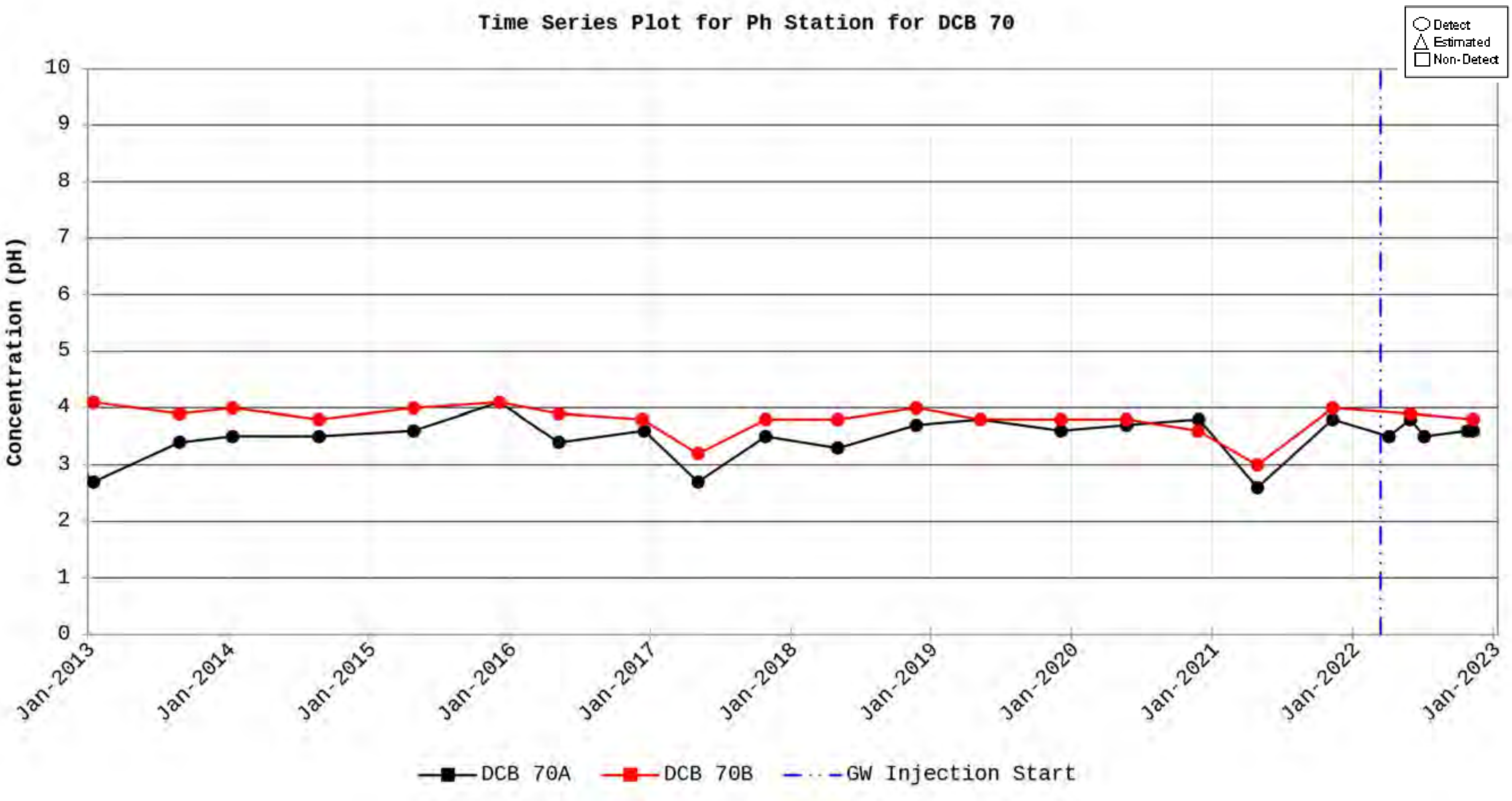

Time Series Plot for Ph Station for DCB 41
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 41C
DCB 41A
GW Injection Start

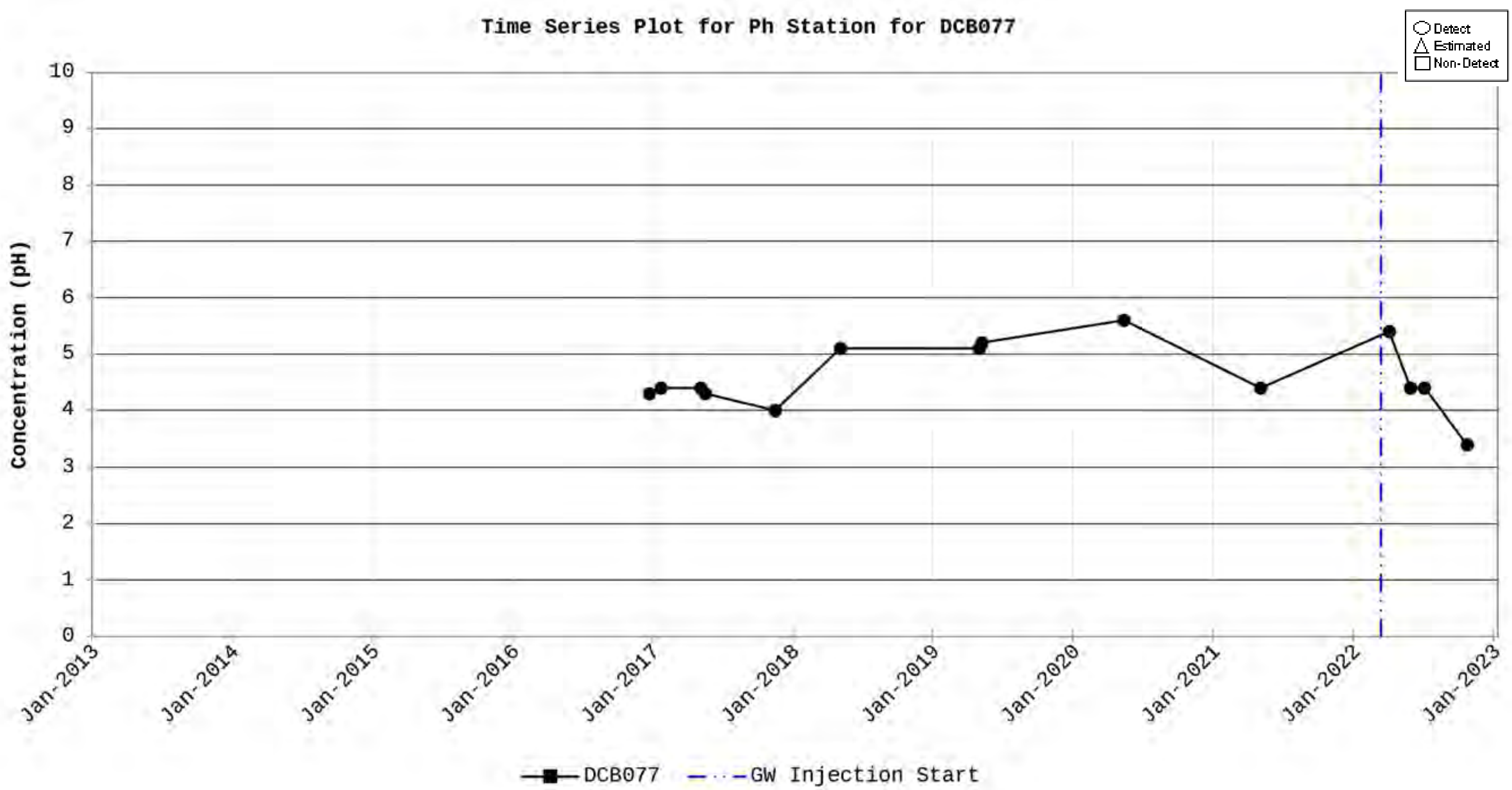

Time Series Plot for Ph Station for DCB 44
Detect
Estimated
Non-Detect
Concentration (pH)
0
1
2
3
4
5
6
7
8
9
10
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 44A
DCB 44C
GW Injection Start

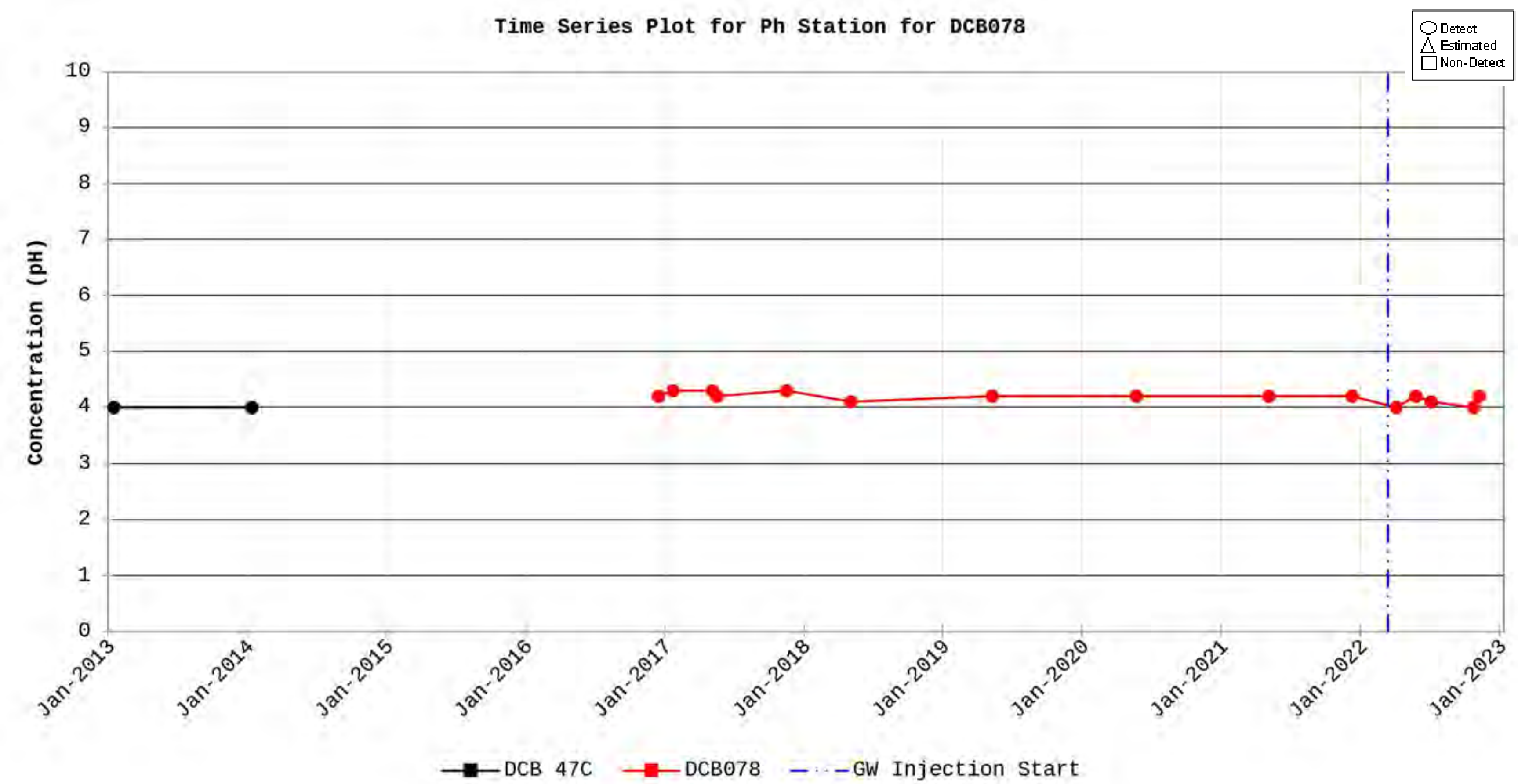

Time Series Plot for Ph Station for DCB 45
Detect
Estimated
Non-Detect
Concentration (pH)
0
1
2
3
4
5
6
7
8
9
10
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 45A
DCB 45C
DCB045D
GW Injection Start

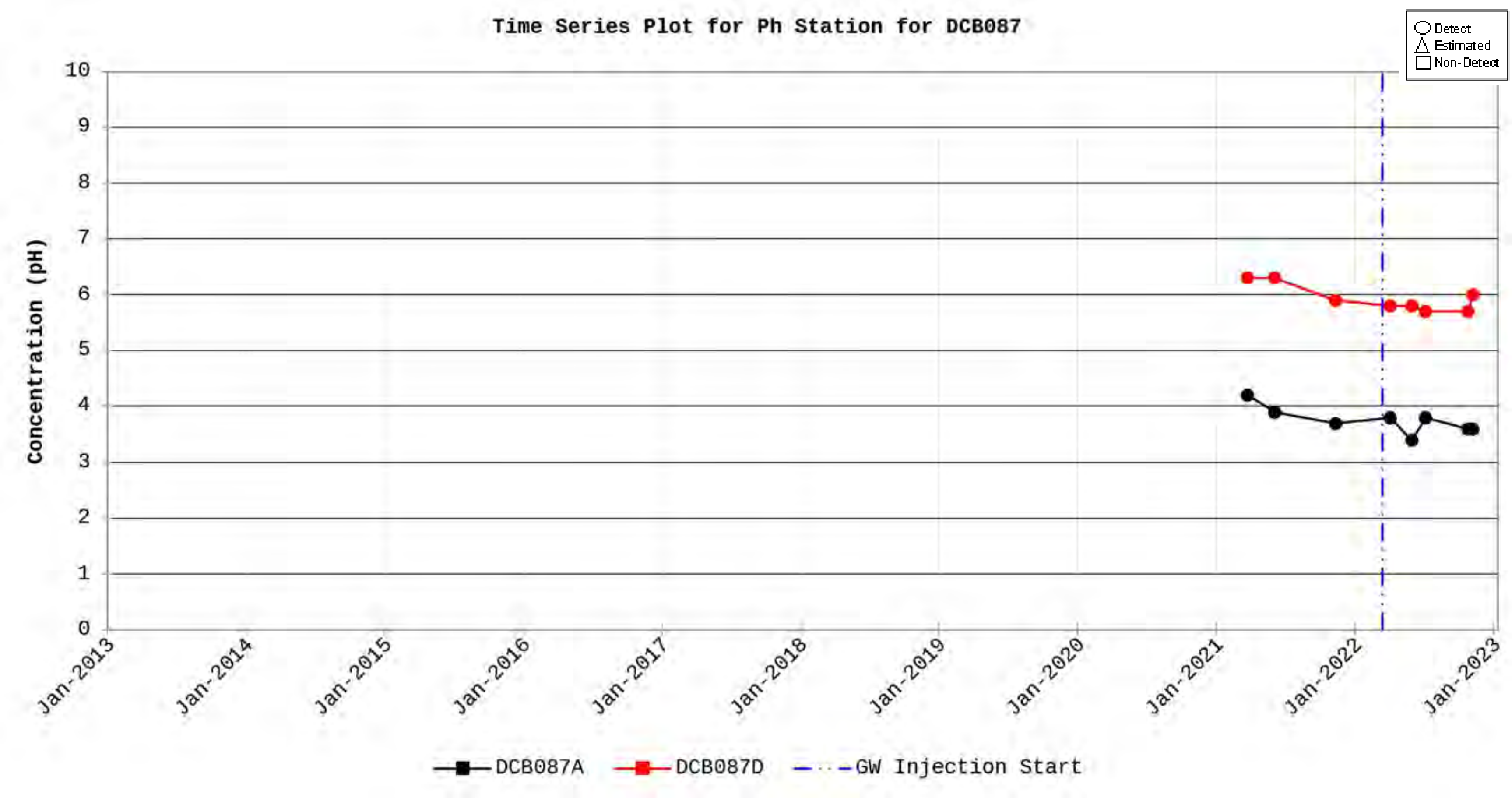

Time Series Plot for Ph Station for DCB 51
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 51D
DCB 51A
GW Injection Start

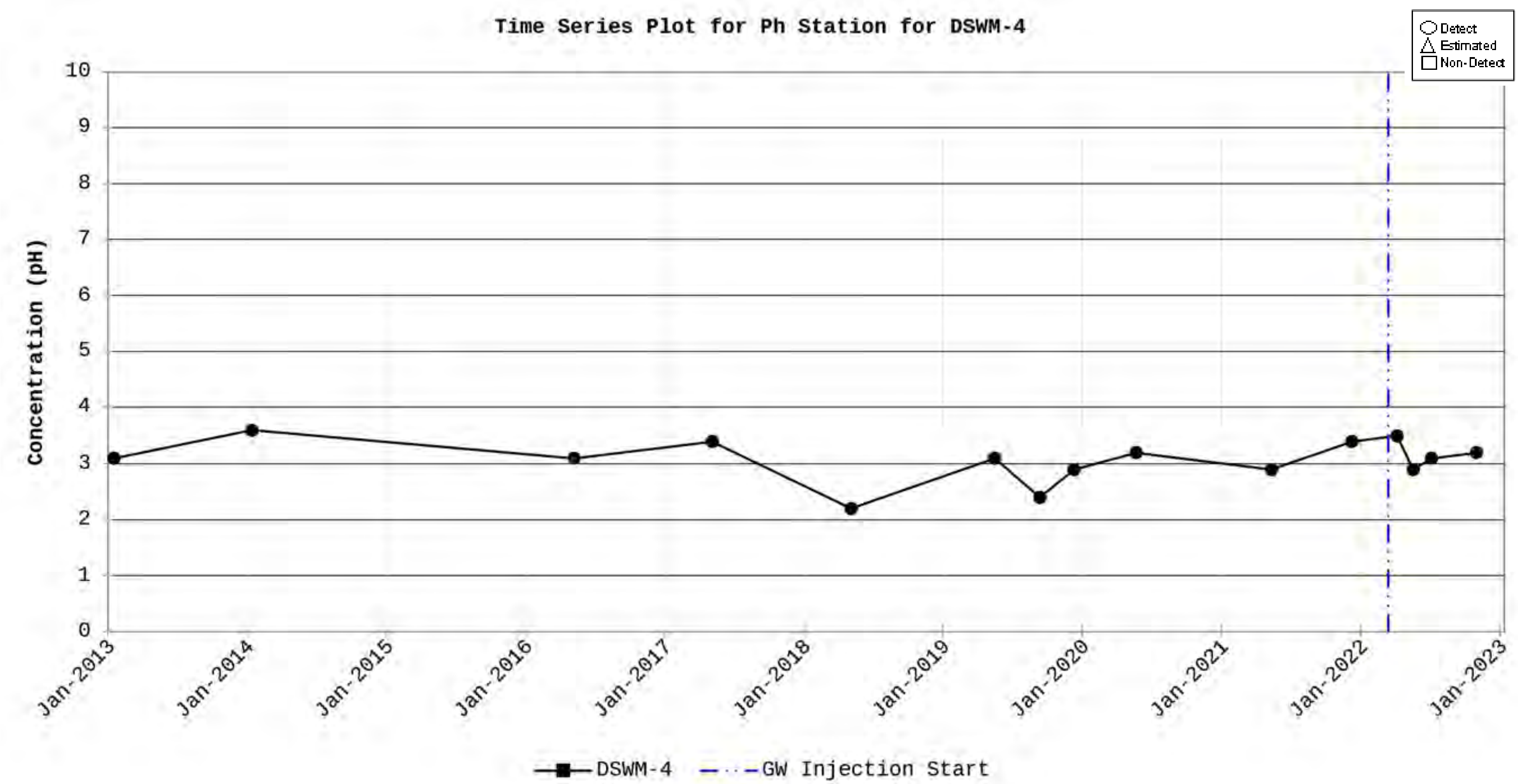

Time Series Plot for Ph Station for DCB 53
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 53
GW Injection Start

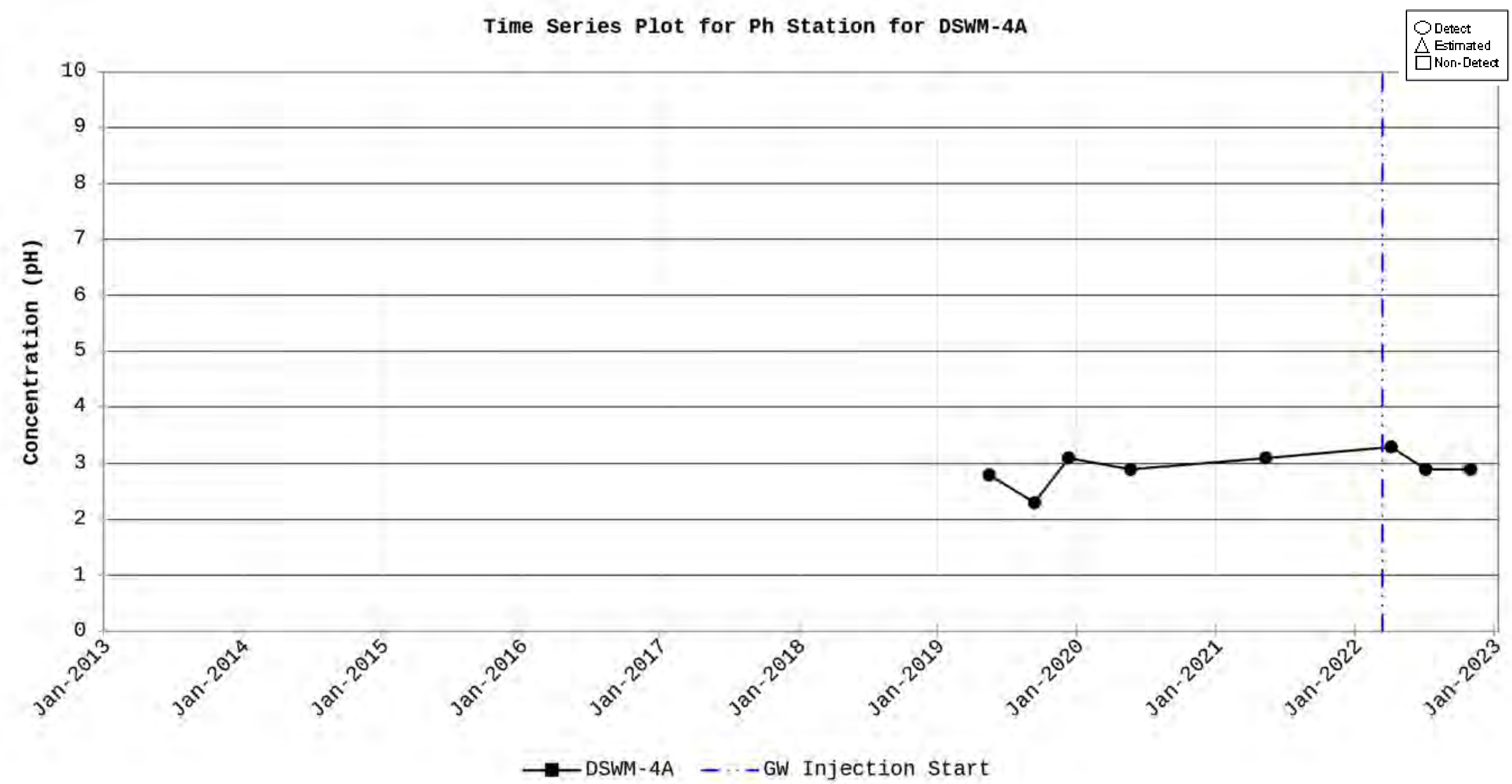

Time Series Plot for Ph Station for DCB 70
Detect
Estimated
Non-Detect
Concentration (pH)
0
1
2
3
4
5
6
7
8
9
10
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 70A
DCB 70B
GW Injection Start

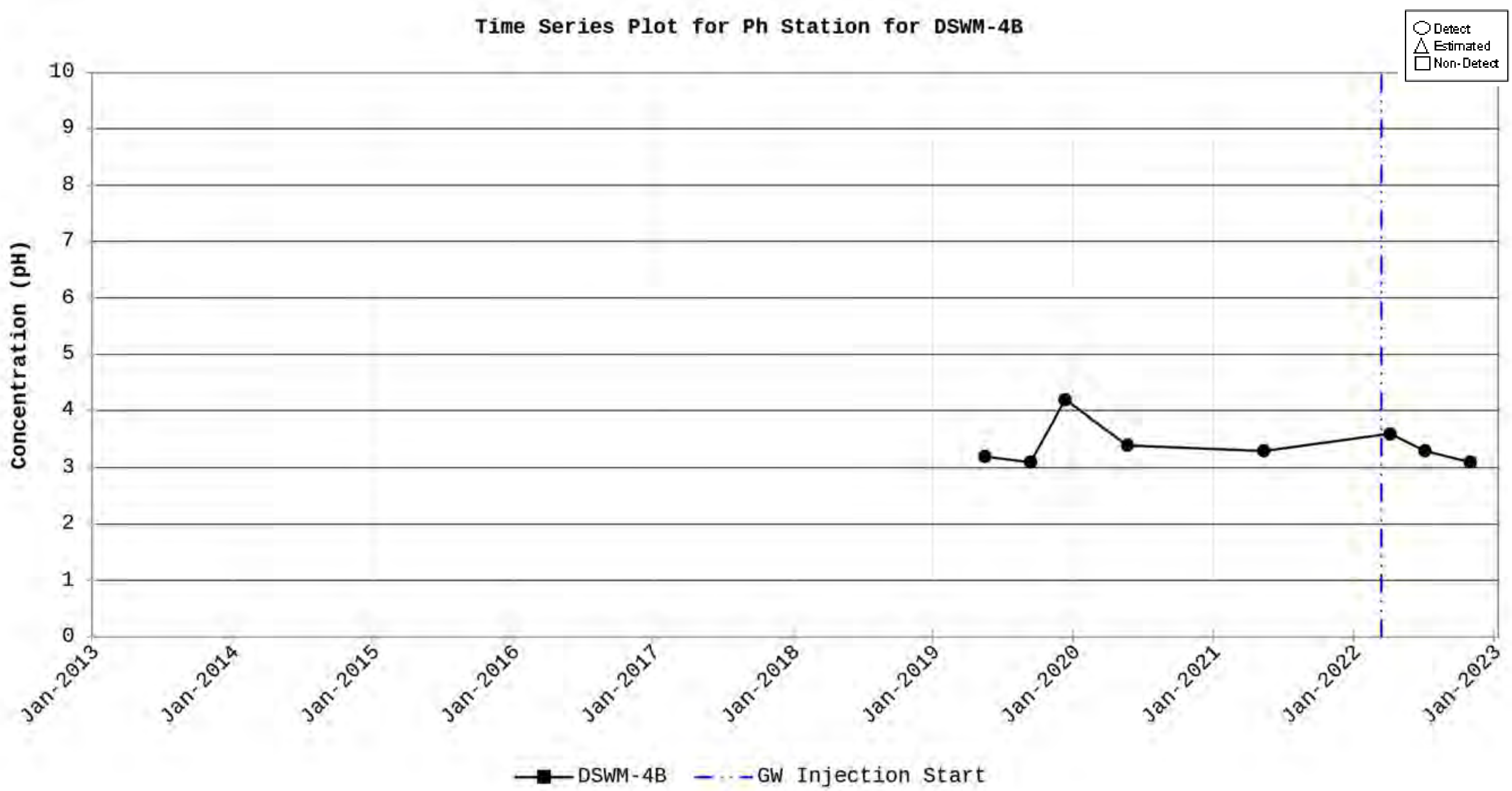

Time Series Plot for Ph Station for DCB077
Detect
Estimated
Non-Detect
Concentration (pH)
0
1
2
3
4
5
6
7
8
9
10
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB077
GW Injection Start

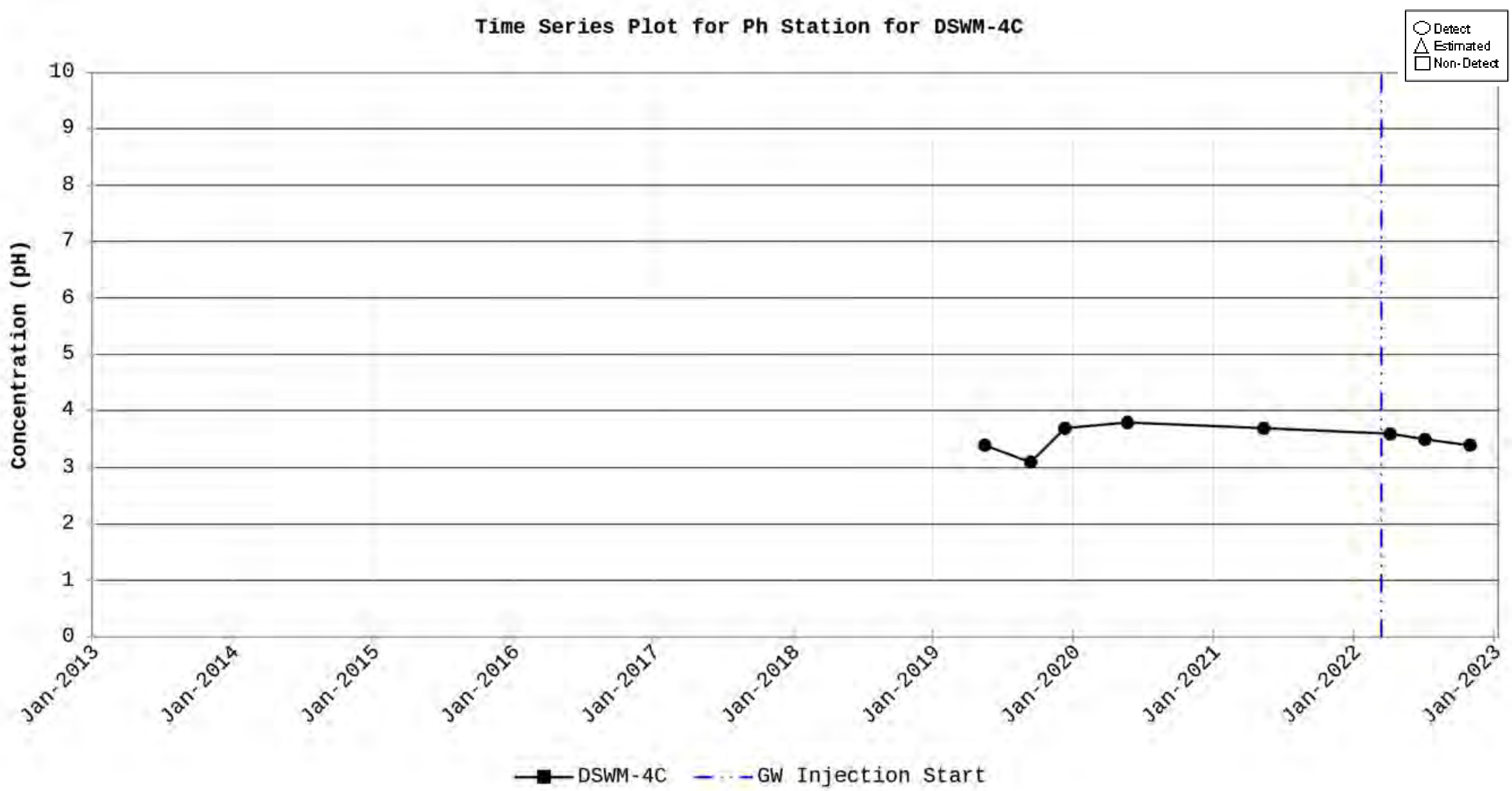

Time Series Plot for Ph Station for DCB078
Detect
Estimated
Non-Detect
Concentration (pH)
0
1
2
3
4
5
6
7
8
9
10
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB 47C
DCB078
GW Injection Start

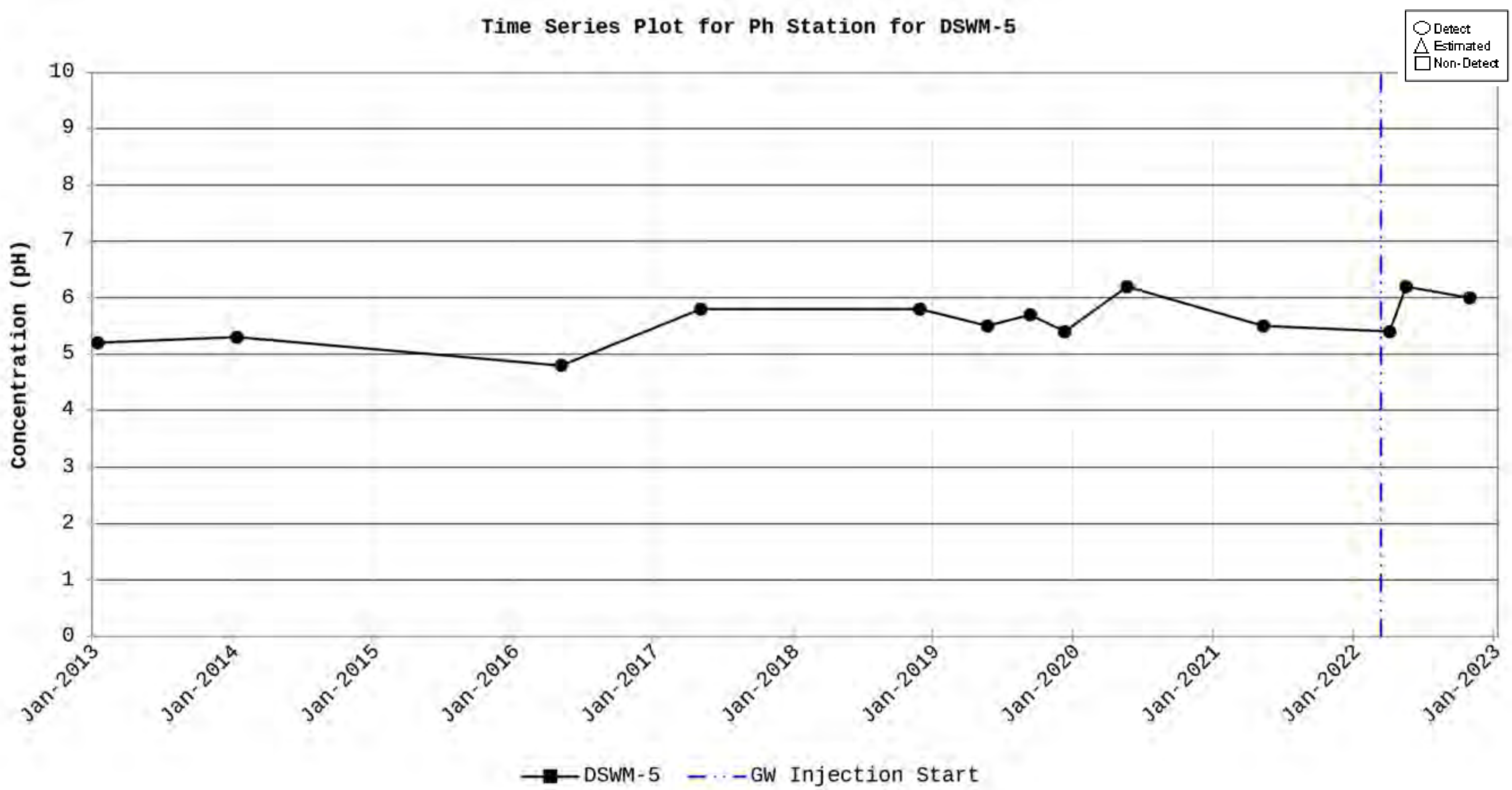

Time Series Plot for Ph Station for DCB087
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DCB087A
DCB087D
GW Injection Start

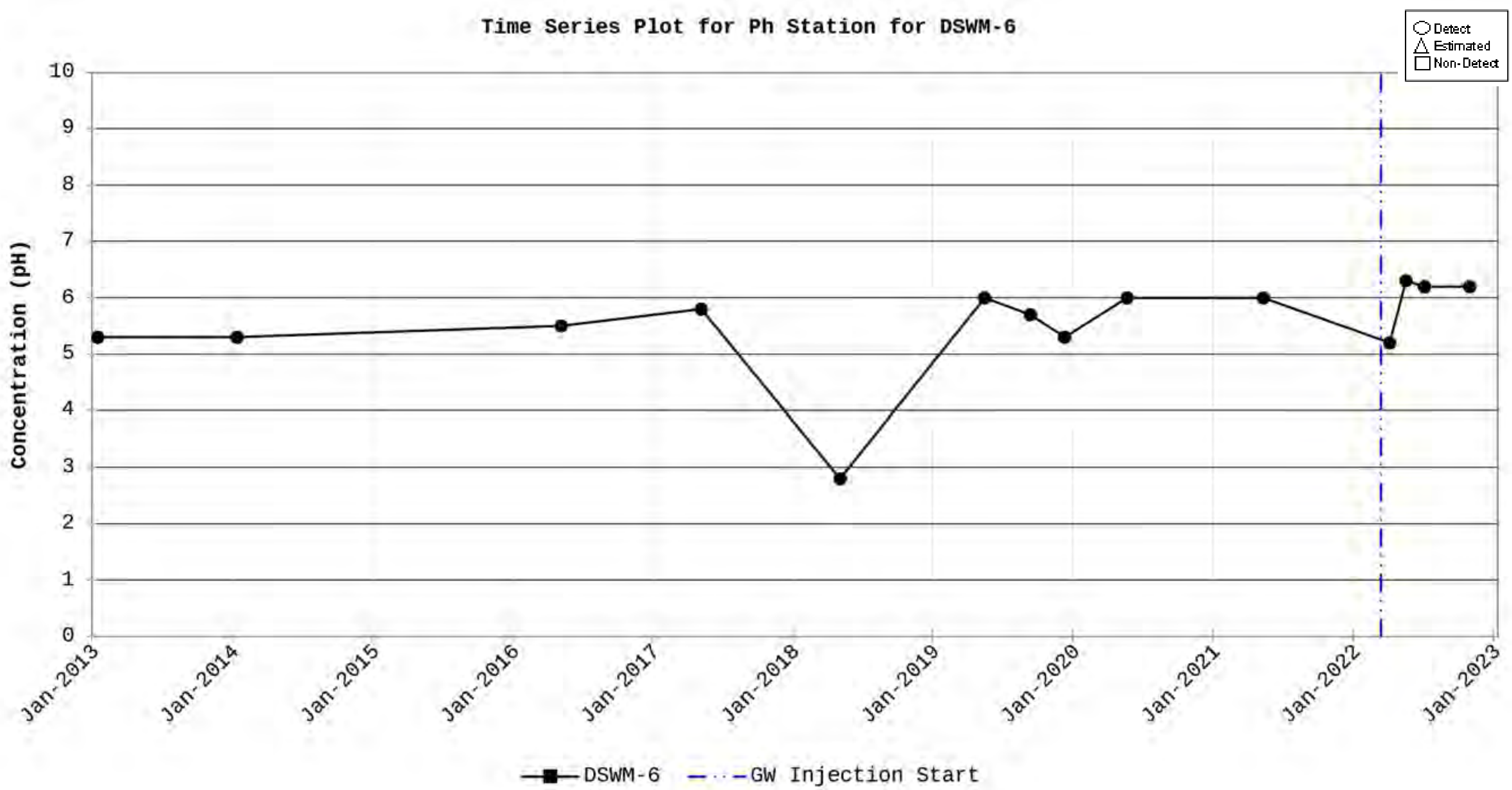

Time Series Plot for Ph Station for DSWM-4
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DSWM-4
GW Injection Start

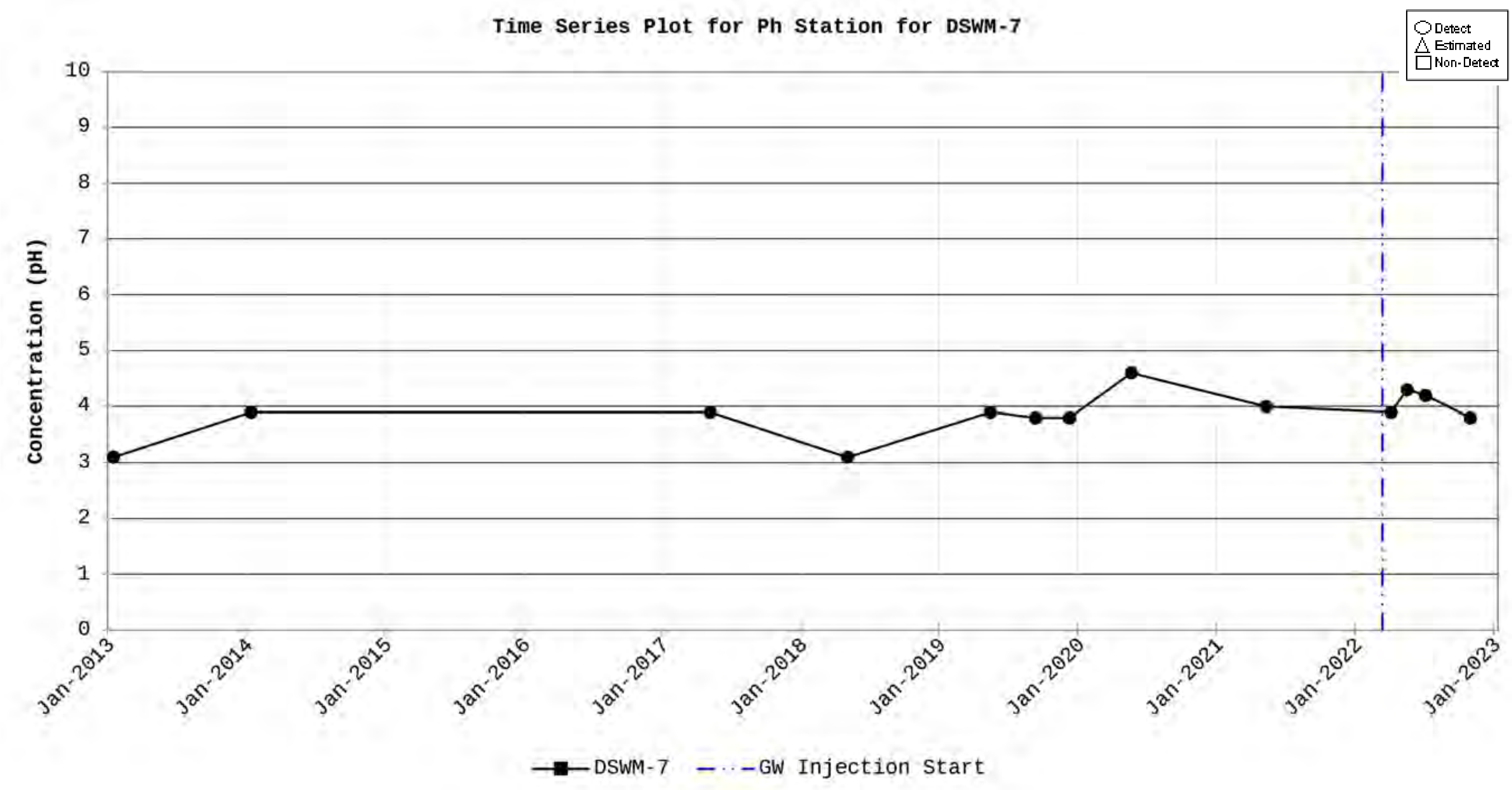

Time Series Plot for Ph Station for DSWM-4A
Detect
Estimated
Non-Detect
Concentration (pH)
0
1
2
3
4
5
6
7
8
9
10
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DSWM-4A
GW Injection Start

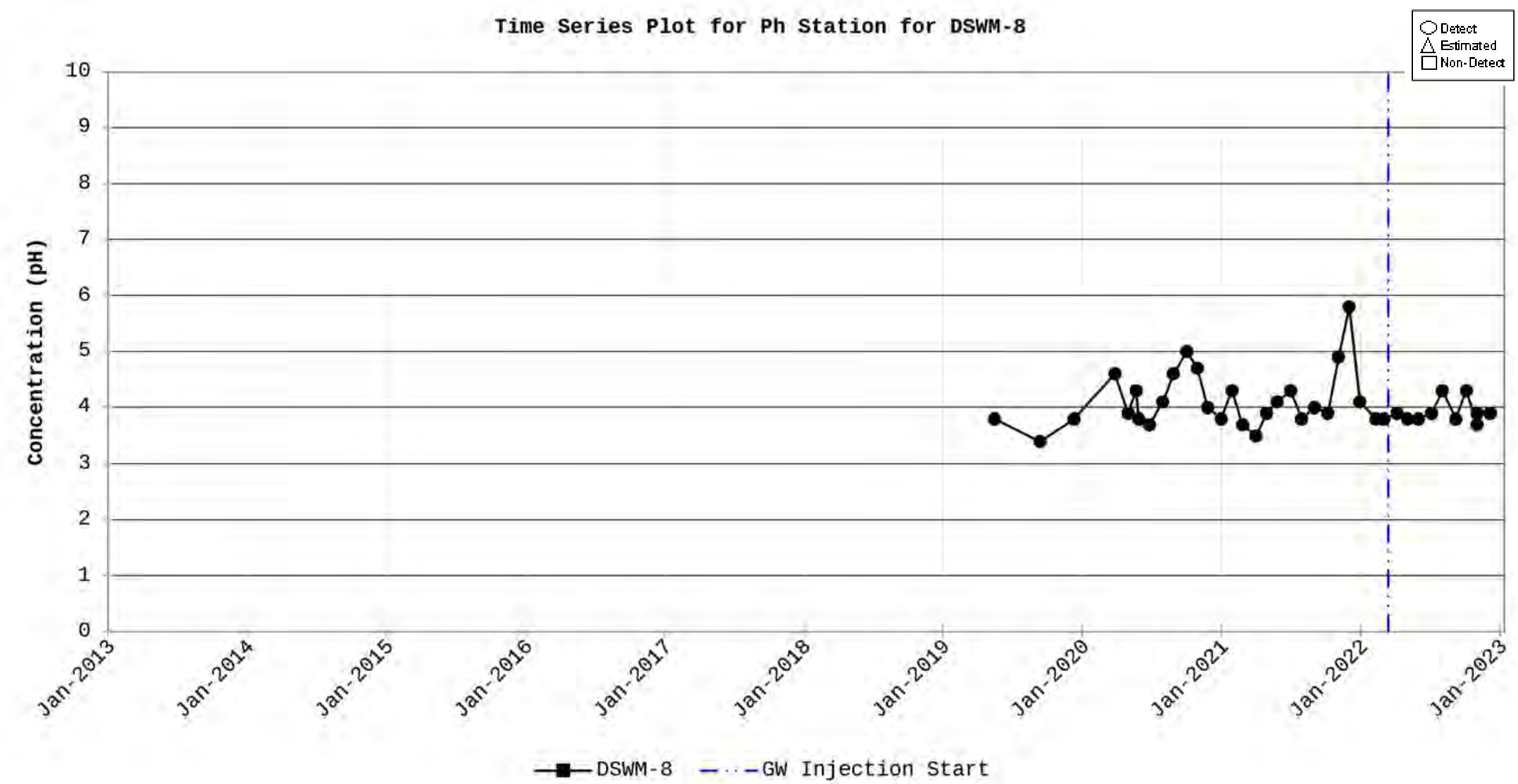

Time Series Plot for Ph Station for DSWM-4B
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DSWM-4B
GW Injection Start

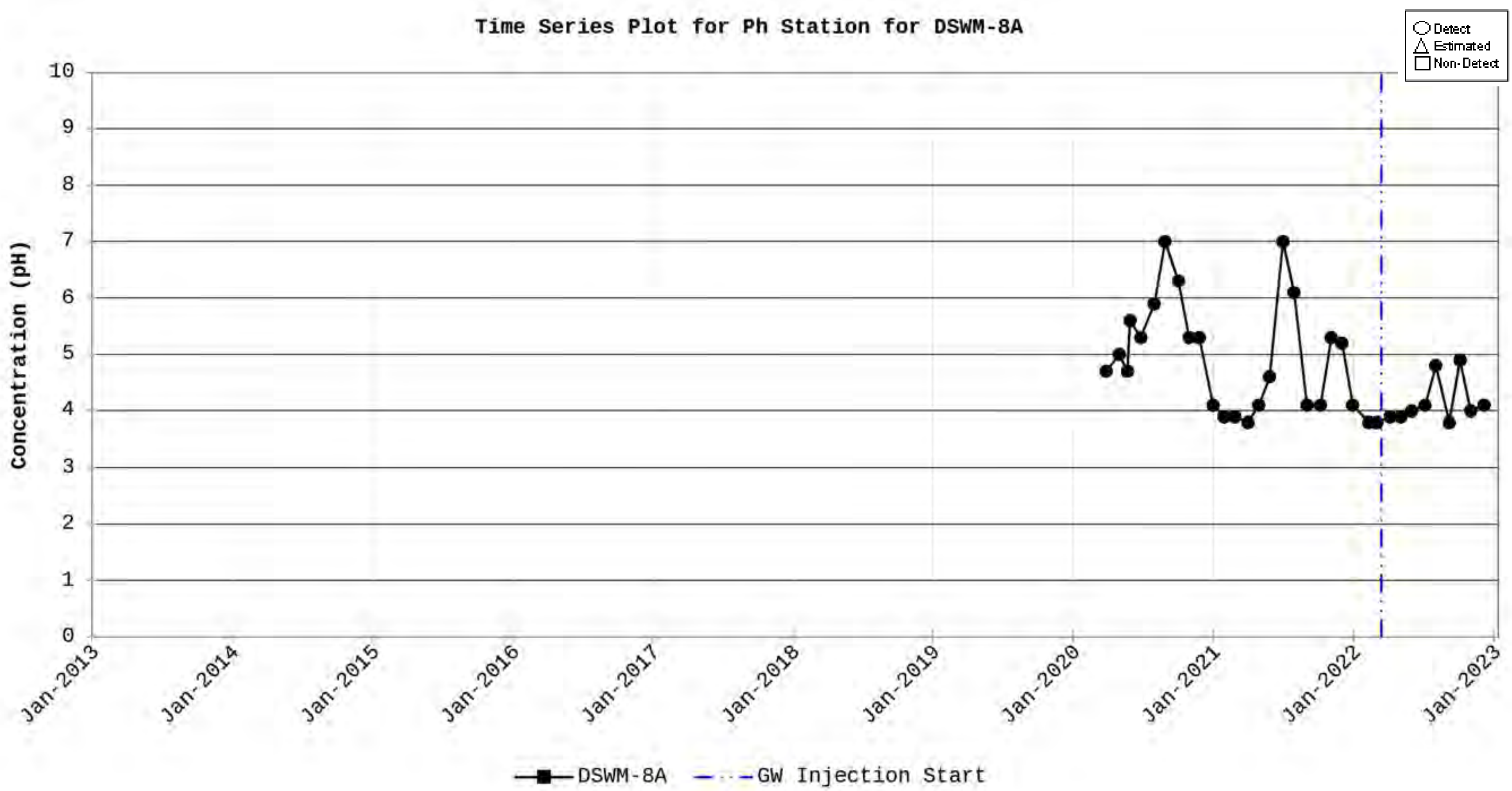

Time Series Plot for Ph Station for DSWM-4C
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DSWM-4C
GW Injection Start

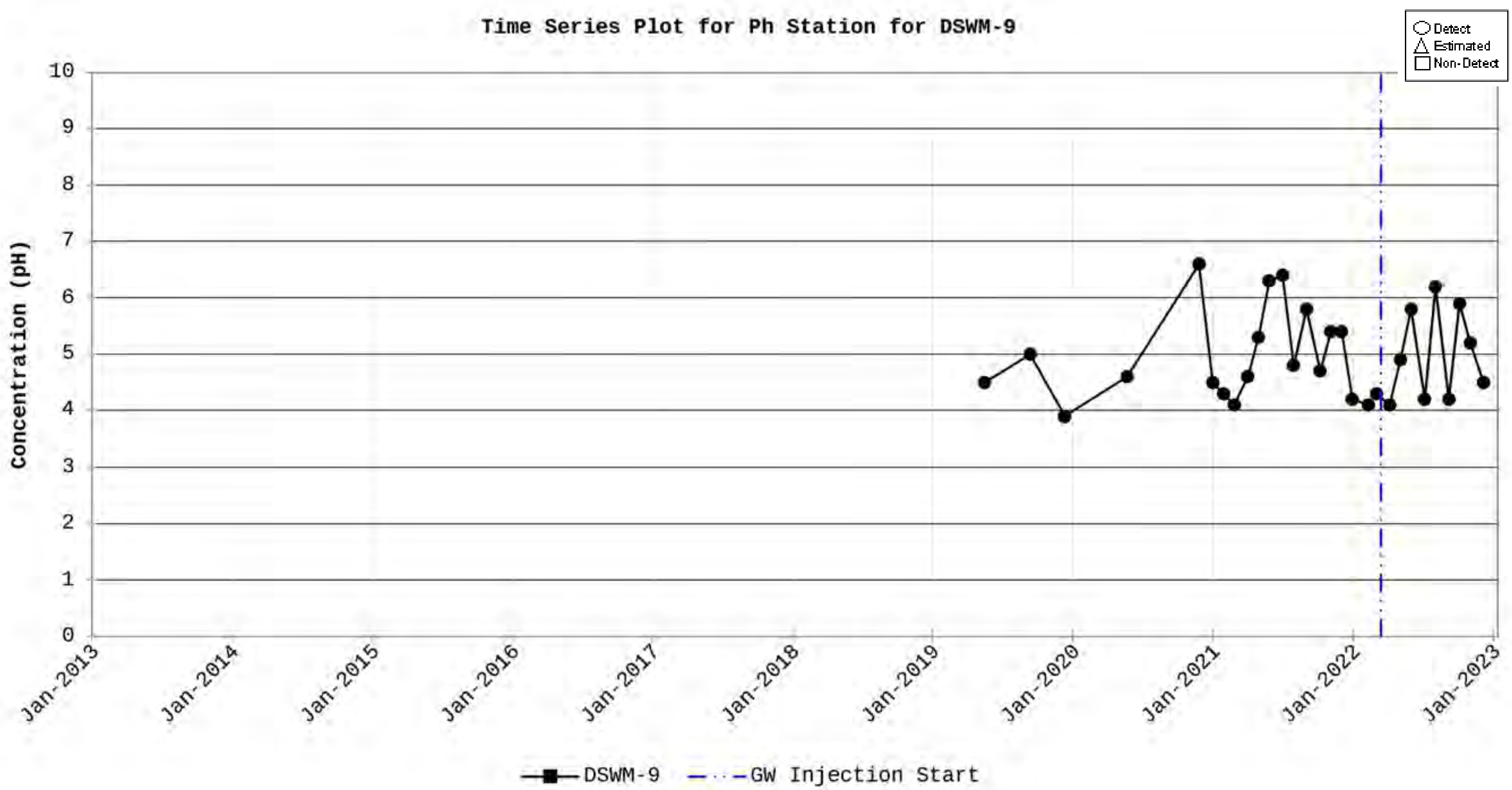

Time Series Plot for Ph Station for DSWM-5
Detect
Estimated
Non-Detect
Concentration (pH)
0
1
2
3
4
5
6
7
8
9
10
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DSWM-5
GW Injection Start


Time Series Plot for Ph Station for DSWM-6
Detect
Estimated
Non-Detect
Concentration (pH)
0
1
2
3
4
5
6
7
8
9
10
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DSWM-6
GW Injection Start


Time Series Plot for Ph Station for DSWM-7
Detect
Estimated
Non-Detect
Concentration (pH)
0
1
2
3
4
5
6
7
8
9
10
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DSWM-7
GW Injection Start


Time Series Plot for Ph Station for DSWM-8
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DSWM-8
GW Injection Start


Time Series Plot for Ph Station for DSWM-8A
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DSWM-8A
GW Injection Start


Time Series Plot for Ph Station for DSWM-9
Detect
Estimated
Non-Detect
Concentration (pH)
10
9
8
7
6
5
4
3
2
1
0
Jan-2013
Jan-2014
Jan-2015
Jan-2016
Jan-2017
Jan-2018
Jan-2019
Jan-2020
Jan-2021
Jan-2022
Jan-2023
DSWM-9
GW Injection Start

This page is intentionally left blank.