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

Groundwater Report for the P-Area Groundwater (PAGW) Operable Unit (OU) (U)

April 2021 through March 2022 Data

SEMS Number: 81

SRNS-RP-2022-00963

Revision 0

January 2023

DISCLAIMER

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

Table of Contents

Section Page

List of Figures ii

List of Tables iv

List of Appendices iv

1.0 Introduction 1

2.0 Operable Unit Description and History 2

2.1 Previously Completed Remedial Actions and Treatability Study 3

2.1.1 P-Area Operable Unit 3

2.1.2 P-Area Burning Rubble Pit 3

2.1.3 P-Reactor Seepage Basins 4

2.1.4 Treatability Study 4

2.1.5 PAGW OU NTC Removal Action 4

2.2 Site Hydrogeology 5

2.2.1 Physiographic Setting 5

2.2.2 Hydrogeologic Setting 5

3.0 Monitoring and Reporting 6

3.1 Groundwater Monitoring Well and Surface Water Station Network 6

3.2 Groundwater Elevation Measurements and Groundwater Flow Direction 6

3.3 Groundwater and Surface Water Results 7

3.3.1 Tritium 8

3.3.2 Trichloroethylene 12

3.3.3 Additional Screening Level Exceedances 15

4.0 Summary and Recommendations 17

5.0 References 20

LIST OF FIGURES

Figure		Page
Figure 1.	Location of P Area at Savannah River Site	21
Figure 2.	Locations of Sources to Groundwater Contamination	22
Figure 3.	P-Area Groundwater Operable Unit Boundary	23
Figure 4.	Monitoring Network Locations for P-Area Groundwater Operable Unit Synchronous Water Levels	25
Figure 5.	Monitoring Network Locations for P-Area Groundwater Operable Unit Synchronous Water Levels *(Continued)*	26
Figure 6.	Monitoring Network Locations for P-Area Groundwater Operable Unit Synchronous Water Levels *(Continued/End)*	27
Figure 7.	Monitoring Well Network for the Upper Aquifer Zone	28
Figure 8.	Monitoring Well Network for the Lower Aquifer Zone	29
Figure 9.	Monitoring Well Network for the Gordon Aquifer Unit	30
Figure 10.	Surface Water Monitoring Station Network	31
Figure 11.	Typical Trend of Water Levels at the P Area, P 24 Well Cluster	33
Figure 12.	Annual Rainfall for P Area with Three Point Moving Average	34
Figure 13.	Upper Aquifer Zone Potentiometric Surface for the P-Area Groundwater Operable Unit	35
Figure 14.	Upper Aquifer Zone Potentiometric Surface for the P-Area Groundwater Operable Unit *(Continued/End)*	36
Figure 15.	Lower Aquifer Zone Potentiometric Surface for the P-Area Groundwater Operable Unit	37
Figure 16.	Gordon Aquifer Unit Potentiometric Surface for the P-Area Groundwater Operable Unit	38
Figure 17.	Upper Aquifer Zone Tritium Plume for the P-Area Groundwater Operable Unit	39
Figure 18.	Tritium Cross-Section Trace	40
Figure 19.	Cross-Section of the Tritium Plume in P Area	41
Figure 20.	Time-Series Plot for Tritium at Upper Aquifer Zone Wells in the Vicinity of the P-Area Reactor Disassembly Basin	43
Figure 21.	Time-Series Plot for Tritium at Upper Aquifer Zone Wells in the Vicinity of the P-Area Reactor Building Complex	44
Figure 22.	Time-Series Plots for Tritium at Upper Aquifer Zone Wells in the Vicinity of the P-Reactor Seepage Basins	45
Figure 23.	Lower Aquifer Zone Tritium Plume for the P-Area Groundwater Operable Unit	47
Figure 24.	Time-Series Plots for Tritium at Lower Aquifer Zone Wells in the Tritium Plume	49

Figure 25. Time-Series Plots for Tritium at Lower Aquifer Zone Wells Northeast of P-Area Reactor Building Complex 50
Figure 26. Gordon Aquifer Unit Tritium Plume for the P-Area Groundwater Operable Unit 51
Figure 27. Time-Series Plots for PSB002 Monitoring Wells in the Gordon Aquifer Unit 53
Figure 28. Surface Water and Shallow Well Locations for Tritium Plume Impact 55
Figure 29. Time-Series Plots for Tritium at Surface Water Stations 57
Figure 30. Steel Creek Sampling Access Road Completed in January 2023 58
Figure 31. Upper Aquifer Zone Trichloroethylene Plume for the P-Area Groundwater Operable Unit 59
Figure 32. Trichloroethylene Cross-Section Trace 60
Figure 33. Cross-Section of the Trichloroethylene Plume in P Area 61
Figure 34. Upper Aquifer Zone Trichloroethylene Plume at Potential Source Area 3A 62
Figure 35. Time-Series Plots for Trichloroethylene at Upper Aquifer Zone Wells in the Vicinity of Potential Source Area 3A 63
Figure 36. Time-Series Plots for Trichloroethylene at the Neck Area of the Upper Aquifer Zone Plume 64
Figure 37. Time-Series Plots for Trichloroethylene at PGW014DU and PGW026DL 65
Figure 38. Lower Aquifer Zone Trichloroethylene Plume for the P-Area Groundwater Operable Unit 67
Figure 39. Time-Series Plots for Trichloroethylene at PGW025 Well Cluster 69
Figure 40. Time-Series Plots for Trichloroethylene at Distal Area Wells in the Lower Aquifer Zone 70
Figure 41. Time-Series Plots for Trichloroethylene in the Lower Aquifer Zone Northeast of Potential Source Area 3A 71
Figure 42. Surface Water and Shallow Well Station Locations for Trichloroethylene Surface Water Impact 73
Figure 43. Time-Series Plots for Trichloroethylene at Surface Water Stations 75
Figure 44. Upper Aquifer Zone PCE "Hot-Spot" at Groundwater Monitoring Well PGW034DL 77
Figure 45. Time-Series Plot for PCE at PGW034DL 79
Figure 46. Time-Series Plots for cVOCs at P003L 80
Figure 47. Time-Series Plots for cVOCs at PGW026DL 81
Figure 48. Time-Series Plots for cVOCs at PGW029DL 82
Figure 49. Time-Series Plots for cVOCs at PAO003DU 83
Figure 50. Location of In-Situ Chemical Oxidant Injections and Upper Aquifer Zone Monitoring Well PAO001DU 85
Figure 51. Time-Series Plot for Select Metals at PAO001DU 87
Figure 52. Time-Series Plots for Tritium at PSB 2 Well Group 88

LIST OF TABLES

Table **Page**
Table 1. Monitoring Well Network for the P-Area Groundwater Operable Unit.....89
Table 2. Water Level Data for P-Area Groundwater Operable Unit Monitoring Wells.....93
Table 3. Tritium and Trichloroethylene Results Above Maximum Contaminant Level for P-Area Groundwater Operable Unit 99
Table 4. Summary Table of Screening Level Exceedances for 1Q22.....100

LIST OF APPENDICES

Appendix A – Hydrographs for PAGW OU 2022 Sampling
Appendix B – Analytical Data for PAGW OU 2022 Sampling
Appendix C – Time-Series Plots for PAGW OU 2022 Sampling
C.1 – Tritium Time-Series Plots
C.1 – Trichloroethylene Time-Series Plots
Appendix D – Field Data for PAGW OU 2022 Sampling

LIST OF ACRONYMS AND ABBREVIATIONS

~	approximately
ac	acre
amsl	above mean sea level
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
cis-DCE	cis-1,2-dichloroethylene
cVOC	chlorinated volatile organic compound
EMR	Effectiveness Monitoring Report
ft	feet; foot
GAU	Gordon Aquifer Unit
GCU	Gordon Confining Unit
ha	hectare
ISCO	in-situ chemical oxidation
LAZ	Lower Aquifer Zone
m	meter
MCL	maximum contaminant level
MDL	method detection limit
NTC	Non-Time Critical
OU	Operable Unit
PAGW	P-Area Groundwater
PAOU	P-Area Operable Unit
PBRP	P-Area Burning Rubble Pit
PCE	tetrachloroethylene
pCi/mL	picocurie per milliliter
PCR	Post-Construction Report
P-RBC	P-Area Reactor Building Complex
PRDB	P-Area Reactor Disassembly Basin
PRSB	P-Reactor Seepage Basin
PSA	Potential Source Area
RA	Removal Action
RG	remedial goal
RI	Remedial Investigation
RSL	regional screening level
SAP	Sampling and Analysis Plan
SCDHEC	South Carolina Department of Health and Environmental Control
SRNL	Savannah River National Laboratory
SRNS	Savannah River Nuclear Solutions, LLC
SRS	Savannah River Site
SVE	soil vapor extraction
TCE	trichloroethylene
UAZ	Upper Aquifer Zone
ug/L	microgram per liter
USDOE	United States Department of Energy
USEPA	United States Environmental Protection Agency
UTRA	Upper Three Runs Aquifer
WSRC	Washington Savannah River Company, LLC
ZVI-PRB	Zero-Valent Iron Permeable Reactive Barrier

This page intentionally left blank.

1.0 INTRODUCTION

The Savannah River Site (SRS) occupies approximately (~) 804 square kilometers (310 square miles) of land adjacent to the Savannah River, principally in Aiken and Barnwell counties of South Carolina. SRS is owned by the United States Department of Energy (USDOE), and operating services are provided by Savannah River Nuclear Solutions, LLC (SRNS). SRS has historically produced tritium, plutonium, and other special nuclear materials for national defense. Chemical and radioactive wastes are byproducts of nuclear material production processes. Hazardous substances, as defined by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), are currently present in the environment at SRS which require attention.

Operation of P Area resulted in an impact to groundwater in the P-Area Groundwater (PAGW) Operable Unit (OU). Following completion of field activities associated with the 2013 Sampling and Analysis Plan (SAP) (SRNS 2013b), the Core Team (USDOE, the United States Environmental Protection Agency [USEPA], and the South Carolina Department of Health and Environmental Control [SCDHEC]) met and agreed that chlorinated volatile organic compound (cVOC), namely trichloroethylene (TCE), and tritium plumes exist over extensive areas in two aquifer zones of the Upper Three Runs Aquifer (UTRA). In response, the Core Team approved the 2018 SAP Addendum (SRNS 2018), which committed the USDOE to long-term surface water and groundwater monitoring and reporting for the PAGW OU. The USDOE committed to submitting a groundwater report for the PAGW OU biennially (every two years) that provides, at a minimum, current location of the groundwater plumes, time-trends for key constituents (e.g., tritium and TCE), hydrographs, data summary tables, and review of impact to Steel Creek (SRNS 2018). In between the time when the groundwater report is submitted, only data summary tables for that reporting year will be submitted. This report is the second submission of the full PAGW OU groundwater report and focuses on all data gathered from April 2021 through March 2022. The PAGW OU monitoring network is listed in Table 1.

The purpose of this document is to report on the current state of contaminant plumes in the PAGW OU and to identify if data gaps exist which require consideration in order to adequately monitor groundwater contamination. Long-term monitoring of the PAGW OU contaminant plumes will provide data required in future phases of the OU closure.

2.0 OPERABLE UNIT DESCRIPTION AND HISTORY

P Area is in the central portion of SRS ~9.7 kilometers (6 miles) west of the nearest SRS boundary and consists of a decommissioned nuclear reactor, several support buildings, and waste sites (Figures 1 and 2). Prior to SRS operations, the area consisted of privately owned woodlands and farmland. The principal operating facility in P Area, P-Reactor, began operations in February 1954. In 1987 the reactor was taken off-line for maintenance and safety upgrades, placed in warm standby in 1988, and placed in shutdown status in 1991. Operations of P-Reactor and associated facilities resulted in tritium and cVOC contamination, impacting groundwater beneath P Area in the PAGW OU.

Between 2002 and 2005, extensive soil, soil-gas, and groundwater pre-characterizations were performed to discern source(s) to groundwater and define the nature and extent of groundwater contamination (Washington Savannah River Company, LLC [WSRC] 2002). In 2006, characterization of source areas to groundwater as identified in the CERCLA Remedial Investigation (RI) Work Plan for the P-Area Operable Unit (PAOU) (WSRC 2005) was conducted and the outcome of that work was documented in the Resource Conservation and Recovery Act Facility Investigation/RI Report with Baseline Risk Assessment and Corrective Measures Study/Feasibility Study for the PAOU (WSRC 2008). All PAOU sources have been remediated and there are no continuing sources that have the potential to impact PAGW OU groundwater (WSRC 2006, SRNS 2012).

In 2010, additional pre-characterization of the PAGW OU was performed to determine the overall extent of the groundwater plumes, address data uncertainty, and install additional groundwater monitoring wells to provide long-term monitoring of the groundwater plumes. The 2010 pre-characterization results and all preceding characterization activities were presented in a scoping summary in support of a March 2013 PAGW OU scoping meeting. The Core Team agreed to the following: a) submittal of a SAP to support additional characterization; b) to include a data summary of the previous investigations in the SAP; and c) to allow the approved SAP to fulfill the requirements for an RI work plan. The SAP for the PAGW OU was approved by the USEPA and SCDHEC in October 2013 (SRNS 2013b).

In January 2017, the Core Team met to discuss the results of the 2013 SAP. Based on the data and identified impact to the upper reaches of Steel Creek above L Lake, an additional meeting was held in May 2017 and the Core Team agreed to a Non-Time Critical (NTC) Removal Site Evaluation Report/Engineering Evaluation/Cost Analysis to evaluate removal action alternative(s) for the cVOC groundwater plumes and a SAP Addendum to address data uncertainties in the distal area and upper Steel Creek. The portion of Steel Creek from P Area, downstream to surface water station SC-04 is the area of impact from contaminated groundwater discharge and is referred to as "upper Steel Creek" in this document. The SAP Addendum was submitted in August 2018 and results were presented to the Core Team in July 2020.

A description of the previous groundwater investigations at the PAGW OU is provided in the 2013 SAP for the PAGW OU (SRNS 2013b) and in the 2018 SAP Addendum (SRNS 2018).

2.1 Previously Completed Remedial Actions and Treatability Study

2.1.1 P-Area Operable Unit

The P Area surface units identified as posing a risk to human health, environment, and contributing to groundwater contamination were remediated as part of the PAOU, including the P-Area Reactor Building Complex (P-RBC), P-Area Process Sewer-lines, and cVOC Potential Source Areas (PSA). Remedial actions associated with surface units included in the PAOU have been completed and are documented in the PAOU Post Construction Report (PCR) (SRNS 2012). One surface unit, PSA-3A was determined to be the source of the TCE plumes that are discharging to upper Steel Creek (Figure 2). PSA-3A was remediated in 2011 and the remedial goals (RGs) were met using soil vapor extraction (SVE) enhanced with soil fracturing and in-situ chemical oxidation (ISCO) injection. PSA-3B, a source for tetrachloroethylene (PCE) contamination in the PAGW OU, was also remediated using SVE (SRNS 2013a). All PAOU sources to groundwater contamination were remediated (RGs met) and no further impact to the PAGW OU is anticipated.

2.1.2 P-Area Burning Rubble Pit

The P-Area Burning Rubble Pit (PBRP) OU was used for periodic burning of combustible materials between 1951 and 1973. In 1973, burning in open pits was discontinued at SRS and a soil layer was placed on the PBRP contents. Inert debris such as construction materials continued to be placed in the PBRP until it reached capacity in 1978 and was covered with ~1.2 meters (m) (4 feet [ft]) of clean soil to grade. The PBRP was remediated in 2004 with the placement of an engineered low permeability

cover system with BaroBall™ wells. Natural biodegradation of contaminants is expected. Land use controls and groundwater monitoring and reporting are conducted to monitor the remedial action per the PCR for the PBRP (WSRC 2004). No impact to the PAGW OU is anticipated from the PBRP OU.

2.1.3 P-Reactor Seepage Basins

Three unlined basins comprised the P-Reactor Seepage Basins (PRSB) OU. The basins received low-level radioactive purge water from the P-Area Reactor Disassembly Basin (PRDB), which was fed through a system of process sewer lines. Historical records indicate that there was a leak from original process sewer lines east of the PRSBs, contaminating soil in a 41.8 square meter (450 square foot) area. The subunits of the PRSB OU were remediated through consolidation of contaminated soils, solidification and stabilization of the basins via grout mixing, installation of a low permeability geosynthetic closure cover, and land use controls (WSRC 2006). Excavation of the process sewer lines, and associated contaminated soil, was included in the remedy and soils were placed in the PRSBs. Remedial activities at the PRSB OU were completed in 2005, no further impacts to groundwater are expected from the PRSB OU. Existing groundwater impacts due to the PRSB OU are included in the overall PAGW OU.

2.1.4 Treatability Study

A treatability study at the PAGW OU to assess the viability of biostimulation and bioaugmentation using a microbe (MicroCED) found in SRS groundwater was conducted in 2009 on the TCE groundwater plumes down gradient of PSA-3A (Savannah River National Laboratory [SRNL] 2010). Biodegradation of TCE was mostly exhibited in the injection wells with little to no impact exhibited at nearby piezometers (SRNL 2013). Subsequent sampling further supported the notion of localized treatment with little impact to nearby piezometers. No follow-on work has been conducted since completion of the study. The effectiveness of the biostimulation and bioaugmentation using MicroCED was inconclusive based on limited data collected during implementation of the treatability study.

2.1.5 PAGW OU NTC Removal Action

Subsequent to a May 2017 Core Team meeting, a NTC Removal Action (RA) was implemented to address TCE plumes discharging to upper Steel Creek. The NTC RA was intended to target the large TCE mass just down-gradient of the P-RBC, in the source area of the PAGW OU plume. The selected alternative was a Zero-Valent Iron Permeable Reactive Barrier (ZVI-PRB) installed in the Neck Area

of the groundwater plume. The ZVI-PRB was installed in 2019 at a depth of 13.7 to 41.1 m (45 to 135 ft) below ground surface and extends for 80.5 m (264 ft). The ZVI-PRB intersects the cVOC plumes at the Neck Area and is intended to cut off down-gradient migration of cVOC contaminants from the Source Area. Conceptually, contaminated groundwater that comes in contact with the ZVI-PRB by groundwater flow through the permeable barrier will be remediated and clean groundwater will flow down-gradient from it. Assessment of the ZVI-PRB performance is ongoing and effectiveness of the technology in P Area is currently unknown. Effects of the ZVI-PRB on the overall PAGW OU cVOC plumes are not discussed in this report at this time. Monitoring and assessment of the ZVI-PRB performance is conducted in accordance with the ZVI-PRB Effectiveness Monitoring Plan and will be discussed in annual NTC RA Effectiveness Monitoring Reports (EMR), which are expected to be submitted each year in October.

2.2 Site Hydrogeology

2.2.1 Physiographic Setting

The PAGW OU lies in the central portion of SRS. It is bounded by Meyers Branch to the southeast, Par Pond to the northeast, and Steel Creek to the northwest. Topography ranges from 101 m (330 ft) above mean sea level (amsl) near P Area to 57.9 m (190 ft) amsl at the downstream end of Meyers Branch and Steel Creek (Figure 3). The area near the P-RBC is higher in elevation than the surrounding land. Surface drainage on the west side of the P-RBC is to the west, towards Steel Creek. Surface drainage on the east side of the P-RBC drains to unnamed tributaries that drain to PAR Pond. Surface drainage on the south side drains to wetlands and unnamed tributaries to Meyers Branch.

In support of the P-RBC construction, native soils in the vicinity of the P-RBC were excavated out and backfilled with well sorted, unconsolidated sandy soil to ground surface. The reactor building extends to a depth of ~50 ft below ground surface.

2.2.2 Hydrogeologic Setting

A detailed description of the hydrostratigraphy of the PAGW OU can be found in the 2013 SAP for the PAGW OU (SRNS 2013b).

The groundwater encompassed by the PAGW OU is in the Floridan aquifer system. There are two aquifers of interest, the UTRA and the Gordon Aquifer Unit (GAU). The UTRA and GAU are

separated by the Gordon Confining Unit (GCU). The UTRA is further divided into the Upper Aquifer Zone (UAZ) and the Lower Aquifer Zone (LAZ) by an informal aquitard, the Tan Clay Confining Zone (TCCZ). The TCCZ is an incompetent confining layer that does not stop all vertical migration of groundwater between the UAZ and LAZ. The near-surface groundwater in P Area is isolated by Lower Three Runs to the east, Steel Creek to the southwest, and Meyers Branch to the south and east.

3.0 MONITORING AND REPORTING

The Core Team agreed to long-term monitoring and reporting on the PAGW OU due to extensive tritium and TCE contamination. This initial data report for the PAGW OU includes all groundwater sampling stations and associated Steel Creek surface water stations that are not addressed by previously mentioned monitoring plans.

3.1 Groundwater Monitoring Well and Surface Water Station Network

The monitoring network for the PAGW OU includes 198 groundwater monitoring wells, ten shallow groundwater or seepline monitoring wells, and five surface water stations located in Steel Creek. Of the 208 groundwater monitoring wells, 116 are screened in the UAZ, 70 are screened in the LAZ, and 22 are screened in the GAU. The overall objective of the monitoring at PAGW OU is to assess the state of groundwater contamination in the unit for future response actions. The data quality objectives and sampling design are provided in the 2018 SAP Addendum for the PAGW OU (SRNS 2018). Groundwater monitoring wells assess the changes in concentrations of tritium and TCE groundwater plumes in the UTRA and GAU. Monitoring wells also provide insight on the impact of P Area units on groundwater. Shallow monitoring wells and surface water stations assess plume discharge and overall impact of the PAGW OU tritium and TCE plumes. Table 1 and Figures 4 through 10 provide a summary of all monitoring network locations.

3.2 Groundwater Elevation Measurements and Groundwater Flow Direction

Hydrographs from 1987 to present are displayed in Figure 11 for the P 24 monitoring well cluster. These wells best indicate the long-term water level history for the PAGW OU and show consistent trends between the UAZ, the LAZ, and the GAU. P 24D is screened in the UAZ, P 24C and P 24B are screened in the LAZ, and P 24A is screened in the GAU. Groundwater levels in the

PAGW OU are at a current high relative to levels over the last 20 years, which follows expectations with annual rainfall over the last eight years (Figure 12). Table 2 presents groundwater elevations for all monitoring network locations. Hydrographs for all wells within the monitoring network are included in Appendix A.

Potentiometric surfaces are shown in Figures 13-16 for the UAZ regional, UAZ localized, LAZ, and GAU, respectively. Groundwater in the UAZ and LAZ flows outward radially from P Area in the vicinity of the P-RBC (~84.4 m [277 ft] amsl for the UAZ, ~83.2 m [273 ft] amsl for the LAZ). Flow is dominated to the west toward upper Steel Creek (~71.0 m [233 ft] amsl for the UAZ, ~74.1 m [243 ft] amsl for the LAZ) and to the northeast toward unnamed tributaries to PAR Pond (~76.2 m [250 ft] amsl for the UAZ, ~71.6 m [235 ft] amsl for the LAZ). Flow to the southeast is toward Meyers Branch (~71.9 m [236 ft] amsl for the UAZ, ~68.6 m [225 ft] amsl for the LAZ). Regionally, groundwater flow in the GAU is southwest toward Savannah River, changing in elevation from ~57.6 m (189 ft) amsl at the P-RBC to ~55.2 m (181 ft) amsl at the farthest down-gradient monitoring well, PGW-02A.

Water elevation data was excluded from potentiometric contour calculations for wells that were dry or that were obvious outliers. For the GAU, wells with significantly higher water elevations were excluded because the wells were screened in low-permeability sediments at the top of the GAU or possibly screened in the GCU instead of the GAU.

3.3 Groundwater and Surface Water Results

The primary contaminants of concern in the PAGW OU are tritium and TCE. Sample results above the maximum contaminant level (MCL) for tritium and/or TCE from April 2021 to March 2022 are listed in Table 3. All analytical sampling results for analytes are included in Appendix B along with respective MCLs or regional screening levels (RSLs), with exceedances highlighted in Appendix B and summarized in Table 4. Time-series plots of TCE and tritium are provided for all sampled wells in Appendix C. All field data for sampled wells is included in Appendix D. The following sections provide discussion on sampling results for the primary groundwater contaminants, tritium and TCE.

3.3.1 Tritium

Tritium was detected in 69 samples at 101 locations sampled between April 2021 and March 2022 for the PAGW OU. Of these detects, 40 were in the UAZ, 22 were in the LAZ, three were in the GAU, and four were in surface water. MCL exceedances were seen in 17 of 60 samples in the UAZ, 12 of 31 samples in the LAZ, two of five samples in the GAU, and four of five samples in surface water. Tritium exceedances are summarized in Table 3 and 4. Time-series plots are provided in Appendix C for tritium at all monitoring network locations.

3.3.1.1 Upper Aquifer Zone

The tritium plume in the UAZ is shown in Figure 17. The plume extends west from P Area and north from the PRSB toward upper Steel Creek, following groundwater flow direction, where it discharges between shallow upper Steel Creek well points PSC002 and PSC005. The plume discharges along ~152 m (500 ft) of the creek around SC-03. The plume extent above the MCL in the UAZ encompasses an area of ~23.2 hectares (ha) (57.2 acres [ac]), is ~915 m (3,000 ft) in total length and is ~550 m (1,800 ft) at its widest. In addition, there appears to be a prominent vertical migration component for contaminant transport as illustrated by tritium concentrations at the PSB 2 well group. Tritium concentrations at this well group exhibit elevated levels from the UAZ, across the LAZ, and into the GAU. The maximum tritium concentration (2,900 picocurie per milliliter [pCi/mL]) was detected in the central portion of the UAZ plume at well PSB011DL, down gradient of the PRSBs. Figure 18 presents the location of the cross-section A-A', shown in Figure 19, for the tritium plume and subsurface in P Area. Cross-section plume delineations are conservative based on sample results from monitoring wells. The UAZ plume extent originates from three locations, the PRDB, P-RBC and process sewer lines, and the PRSB. The PRSBs are recognized as contributing a majority of the tritium contamination to groundwater.

Figure 20 shows the time-series plot for monitoring wells near the PRDB. Overall, there is a decreasing trend in tritium concentrations from 1986 to present, with the exception of PDB 2. There are no continuing sources to groundwater within P-Area. The main contributing source was the PRDB, which has since been dewatered and filled with grout as part of the P-RBC in-situ decommissioning. The recent increases in tritium concentration correlates with an increase in

P Area water levels. As water level rises, tritium residual that has remained in soils above the water table is released into groundwater.

Tritium concentrations from 2007 to present for monitoring wells located just west of the P-RBC are shown in Figure 21. UAZ monitoring wells P002U, P003L, P003U, and PMP008DL are located just west of the P-RBC and have decreasing tritium concentration trends since 2007. Three UAZ monitoring wells west of the P-RBC had 1Q22 tritium concentrations that exceeded the MCL of 20 pCi/mL, which were P003L, PMP004DL, and PMW005DL; which have historically exhibited tritium concentrations greater than the MCL. The tritium concentration at monitoring well PMP004DL has remained consistent ~150 pCi/mL since 2007, with the exception of 1Q20 and 1Q21 when concentrations rose to 364 pCi/mL and 232 pCi/mL, respectively. The latest result at PMP004DL was 104 pCi/mL. Monitoring well P003L has experienced a significant increase in tritium concentration since 2007. Results from the three sampling events between August 2007 and June 2014 for P003L were all below MDLs before rising to 1,320 pCi/mL in April 2019 and the 1Q22 result was 939 pCi/mL. This increase is an indication that the tritium plume is moving vertically downward in the UAZ, as the P003L monitoring well is screened just above the TCCZ that separates the UAZ and LAZ.

The PRSB OU was a recognized source of tritium contamination to groundwater in the PAGW OU. The basins were remediated in 2005 and monitoring of the PRSB OU impact to groundwater is included with the overall PAGW OU monitoring. Groundwater monitoring wells PSB 1A, PSB 2A, PSB 3A, PSB 4A, PSB 7A, PSB 11, PSB002DL, PSB003DL, and PSB011DL are in the vicinity of the PRSB for monitoring tritium impacts to the UAZ. Figure 22 shows the time-series plots for these wells, which all demonstrate a decreasing trend following the reactor being taken offline in 1987 to present. PSB002DL, PSB003DL, and PSB0011DL are placed nearby PSB 2A, PSB 3A, and PSB 11, respectively. The “DL” designated wells are screened deeper in the UAZ. Recent results in the shallower wells are below the tritium MCL of 20 pCi/mL, with the exception of PSB 2A which increased in 1Q22 sampling to 27.8 pCi/mL. PSB 4A also increased in 1Q22 sampling to 18.9 pCi/mL. Increases in these shallow UAZ monitoring wells are likely also related to the increased rainfall, and therefore the rising water table elevation. Results in the deeper wells within the UAZ show significantly higher tritium concentrations with a maximum of 2,900 pCi/mL in PSB011DL.

3.3.1.2 Lower Aquifer Zone

There are two tritium plume areas in the LAZ, shown in Figure 23. The largest plume originates just northwest of the PRSB OU and extends northwest toward upper Steel Creek. There is no surface water discharge associated with this plume, based on its depth below ground surface relative to surface water elevations, and recent data from shallow well points PSC005 and PSC006. The aerial extent of the plume with concentrations above the MCL is ~7.2 ha (17.8 ac) and is ~550 m (1,800 ft) in total length and ~150 m (500 ft) at its widest. The maximum tritium concentration detected in the largest PAGW OU LAZ plume between April 2021 and March 2022 was 11,100 pCi/mL at monitoring well PSB002B. LAZ monitoring wells PSB002B, PSB002C, PSB011B, PSB011C, PGW027C, and PGW027DL are contained within this plume and are presented as time-series plots in Figure 24. For these wells, "DL" designated wells are screened shallower than "C" designated well, and "B" designated wells are screened the deepest. The consistent decrease in tritium concentration at PSB002C combined with the initial increase in concentration at PSB002B provide evidence of downward vertical migration of tritium through the unit. This is also evident in PSB011B, which continues to increase since August 2014. Overall, tritium concentrations in the LAZ groundwater have remained elevated with consistent trends; however, the LAZ tritium plume does not discharge to surface water and does not present a surface water impact at this time.

A second tritium plume in the LAZ exists beneath the center of P Area facility area, originating around the PRDB and along the P-RBC, and extends primarily to the northeast toward PAR Pond. The plume originates and is most significant around monitoring well PDB003C and is most likely a result of downward migration of tritium from the overlying UAZ. This is likely due to P-RBC construction activities, which included backfilling the area surrounding the building foundation and footers with a sandy soil which allows for easy vertical migration. Monitoring well PGW024B bounds the plume to the northeast, and monitoring wells PRB005C and PGW025B bound the plume to the northwest (Figure 23). Time-series plots are shown in Figure 25 for these monitoring wells. The aerial extent of this plume is ~4.7 ha (11.5 ac) and extends ~280 m (920 ft) to the northeast and ~305 m (1,000 ft) to the northwest. The maximum detection in this plume was 121 pCi/mL in PDB003C.

Independent of the two larger tritium plumes, tritium was also detected above the MCL at PGW026C, with a 1Q22 concentration of 53.5 pCi/mL.

3.3.1.3 Gordon Aquifer Unit

Tritium has historically been detected in the uppermost portion of the GAU at monitoring well PSB002AA. Concentrations have increased slightly since June 2011, with a 1Q22 result of 6,480 pCi/mL. The presence of tritium in this well is due primarily to a prominent downward migration of contamination at the PSB 2 well cluster site located at the PRSBs (Figure 19). Previous groundwater investigations did not delineate the extent of the tritium plume and it is believed the plume is limited in aerial extent. Additional GAU monitoring wells were installed around this location to monitor the movement of the plume. Currently, none of the surrounding wells demonstrate elevated levels of tritium, which would indicate movement of the plume. The GAU plume is shown in Figure 26. A recently installed well screened deeper in the GAU, PSB002AL, has been sampled since 2014 and concentrations have remained around the MDL until 1Q20, when concentrations slowly increased to a 1Q22 result of 68.4 pCi/mL indicating vertical migration across the aquifer units. At the base of the GAU, the Meyers Branch Confining Unit, consisting of thick, dense clay beds, would preclude any further vertical migration of tritium into deeper water-bearing units. The lack of detection of tritium in nearby GAU monitoring wells could be attributed to increased horizontal groundwater flow rate, dilution/dispersion, and radioactive decay. Time-series plots for PSB002AA and PSB002AL are provided in Figure 27.

3.3.1.4 Surface Water

The tritium contaminant plume in the UAZ of the PAGW OU is impacting a nearby section of upper Steel Creek, up gradient of L Lake. Tritium concentrations below the L Lake dam consistently remain below screening criteria, with fourth quarter 2020 and 2021 results of 2.53 pCi/mL and 2.23 pCi/mL, respectively. The UAZ tritium plume is the only aquifer zone currently discharging to upper Steel Creek. There are five surface water stations and ten shallow groundwater wells included in the monitoring plan for assessing impact to upper Steel Creek (Figure 28). Overall, tritium surface water concentrations have been observed above the MCL at all locations, except SC-02, but have a decreasing trend since 2012 (Figure 29). Surface water station SC-03 had a slight rebound in 1Q20 with a concentration of 518 pCi/mL, but has since

declined to 392 pCi/mL in 1Q22. The surface water trends are consistent with groundwater monitoring well trends for the distal area.

Surface water tritium concentrations indicate the tritium plume is impacting upper Steel Creek from P Area to L Lake. In order to better define the groundwater impact to upper Steel Creek, sampling at ten newly installed shallow monitoring wells began in 2019. Due to the extreme terrain associated with the P-Reactor discharge canal, an egress trail to accommodate all-terrain vehicles and support sampling activities was constructed and completed in January 2023 (Figure 30). Concentrations in PSC002, PSC005, and PSC006 well pairs were at the MDL. Detections in PSC003 and PSC004 well pairs were consistent with levels observed in upper Steel Creek, providing evidence that impact is constrained to a small area around SC-03 (Figure 28).

3.3.2 Trichloroethylene

TCE was detected in 41 samples from 79 locations sampled between April 2021 and March 2022 for the PAGW OU. Of these detects, 25 were in the UAZ, 14 were in the LAZ, and two were in surface water. MCL exceedances were seen in 15 of 48 samples in the UAZ, 12 of 26 samples in the LAZ, and one of five samples in surface water. TCE exceedances are summarized in Table 3 and 4. Time-series plots are provided in Appendix C for TCE at all monitoring network locations.

3.3.2.1 Upper Aquifer Zone

Data from soil borings analyzed in support of the 2018 SAP Addendum investigation of the distal portion of the cVOC plumes was included with well data to expand on TCE groundwater plume size and impact. The TCE plume in the UAZ is shown in Figure 31. The plume extends west from PSA-3A toward upper Steel Creek, following groundwater flow direction, where it discharges between PSC002 and PSC004. The plume discharges along ~82.3 m (270 ft) of the creek around SC-03. The plume extent above the MCL in the UAZ encompasses an area of ~8.32 ha (20.6 ac), is ~760 m (2,500 ft) in total length and is ~245 m (800 ft) at its widest. The maximum TCE concentration (7,250 micrograms per liter [ug/L]) was detected in the distal portion of the UAZ plume at well PGW026DL. Figure 32 shows the trace for cross-section B-B', shown in Figure 33 for the TCE plume and subsurface in P Area. Cross-section plume delineations for TCE were developed using well data and conservative estimates based on soil sample results, which are typically biased high. Results of the 2018 SAP Addendum soil investigation indicated the bulk of

the TCE mass in the UAZ is found entrained in low-permeability sediments and therefore is not in groundwater impacting upper Steel Creek.

The TCE plume in the UAZ emanated from PSA-3A (Figure 34) with concentrations in nearby groundwater monitoring wells PAO001DU, PAO002DU, PAO002DL, and PMW001DL observed having a decreasing trend since remediation of PSA-3A in 2011 (Figure 35) (SRNS 2013a). PAO002DL currently has the highest observed TCE concentration at 167 ug/L down gradient of the former source area while PAO001DU, which is located at the former source area, did not exhibit detections of TCE. Southwest of PSA-3A toward upper Steel Creek, monitoring wells P002U, P003U, and P003L monitor TCE in the neck area of the plume. TCE concentrations in the "U" designated wells have been decreasing since 2014 with current levels around 500 ug/L at P003U (Figure 36). TCE concentration at P002U has decreased sharply below the TCE MCL of 5 ug/L with a 1Q22 result of 1.75 ug/L. This is likely in response to the NTC RA ZVI-PRB installed in 2019. However, concentrations in P003L, located just up gradient of the NTC RA ZVI-PRB, have increased significantly since 2014 with the most recent detection at 3,990 ug/L, which is likely due to matrix diffusion form low permeability zones within the area. All three wells are screened in the UAZ, with the "U" designation being screened shallower than the "L" designations. The trends of the P003 well pair suggests vertical migration of TCE deeper into the UAZ (Figure 36). Performance of the ZVI-PRB is being monitored and is reported separately in the annual ZVI-PRB EMR.

The plume extent in the distal area is extensive, with the highest concentration in the central portion at monitoring well PGW026DL, which recorded a concentration of 7,250 ug/L in the most recent sampling event. Levels have been stable at PGW026DL since 2011 (Figure 37). On the northwestern edge of the TCE plume, ~168 m (550 ft) up gradient from SC-03, PGW014DU has increased, returning to levels observed in 2014. This increase indicates the TCE plume is slowly extending in aerial extent but has not yet reached shallow UAZ monitoring well cluster PSC002 or surface water station SC-02. The 1Q22 result for PGW014DU was 189 ug/L.

3.3.2.2 Lower Aquifer Zone

Data from soil borings analyzed in support of the 2018 SAP Addendum investigation of the distal portion of the cVOC plumes was included to expand on TCE groundwater plume size and impact.

The TCE plume in the LAZ is shown in Figure 38. Like the UAZ, the plume originated from PSA-3A, which sits atop a groundwater divide. From PSA-3A, the plume extends southwest toward upper Steel Creek and extends northeast toward PAR Pond, following groundwater contours in both directions. The LAZ plume does not currently discharge to surface water, based on its depth below ground surface relative to surface water elevations, and recent data from shallow well points PSC005 and PSC006. The plume extent above the MCL encompasses an area of ~11.8 ha (29.2 ac). The TCE plume extends ~610 m (2,000 ft) to the southwest with a maximum width of ~215 m (700 ft). To the northeast, the plume extends ~500 m (1,640 ft) with a maximum width of ~140 m (460 ft). The maximum TCE concentration (6,820 ug/L) was detected in the distal portion of the LAZ plume at well PGW026C. In the northeast direction, the maximum detection was at monitoring well PRB005C (1,750 ug/L).

Monitoring well PGW025B is just northwest (~80 m [260 ft]) of PSA-3A and TCE concentrations have remained consistent around 6,000 ug/L, with a 1Q22 result of 5,740 ug/L. Concentrations at PGW025B have remained stable over the last 18 years, while the UAZ wells of the PGW025 cluster have decreased over the same time period (Figure 39).

To the southwest, the TCE plume expands outward in the distal area. Distal area monitoring wells PGW014C, PGW026B, and PGW027C are all experiencing increasing trends since 2010 indicating vertical movement of the TCE from the overlying UAZ into the LAZ. TCE levels in distal area well PGW026C and PGW027DL are relatively stable with 1Q22 detections of 6,620 ug/L and 1,910 ug/L, respectively (Figure 40). TCE is not detected in the furthest LAZ monitoring well, PGW016B, indicating the plume has not extended to this furthest monitoring location.

To the northeast, groundwater flow is relatively slow and the majority of TCE mass in the plume is within 170 m (550 ft) of PSA-3A. Monitoring wells PRB005C, PGW030B, PGW029C, PGW031B, and PGW031C recorded detections above the MCL (5 ug/L). Observed concentrations trends of these wells are slightly increasing, providing evidence of downward vertical migration from the UAZ (Figure 41).

In summary, TCE in the LAZ is primarily migrating vertically, with concentrations increasing deeper in the aquifer. TCE migration horizontally in the LAZ is parallel to upper Steel Creek and

therefore is not anticipated to discharge to surface water in the near term. TCE in the LAZ to the east of P Area is not impacting surface water and not expected to impact PAR Pond in the near term.

3.3.2.3 Surface Water

A TCE plume in the PAGW OU is impacting a small section of upper Steel Creek near surface water station SC-03. The UAZ is the only aquifer zone currently discharging to upper Steel Creek with concentrations of TCE. There are five surface water stations included in the monitoring plan for assessing impact to upper Steel Creek (Figure 42). Surface water stations SC-03 and SC-04 are the only stations detecting TCE above the MDL. At SC-04, located about 460 m (1,500 ft) downstream of SC-03, TCE concentrations are consistently below the MCL, indicating a small section of upper Steel Creek is impacted. Station SC-03 detections have remained stable around 15 ug/L since 2006 (Figure 43).

In order to better define the groundwater impact to upper Steel Creek, sampling at ten newly installed shallow well points began in 2019. Results from the most recent sampling event indicate levels in wells PSC002D1, PSC004D1, PSC005D1 & D2, and PSC006D1 & D2 were below the MDL. The result at PSC002D2 has been above the MDL, but below the practical quantification limit (PQL) in the two most recent sampling events and was estimated at 0.41 ug/L in 1Q22. Concentrations of TCE above the PQL were detected in PSC003D1 & D2, and PSC004D2, providing evidence that impact is constrained to a small area around SC-03 (Figure 42). Observed TCE concentrations at SC-04 are associated with outcropping TCE contaminated groundwater at SC-03 and subsequent travel with surface water downstream to this location.

3.3.3 Additional Screening Level Exceedances

In addition to tritium and TCE exceedances, there were 14 detections in additional analytes above their respective screening levels for 1Q22. The screening level exceedances are highlighted in Appendix B and summarized in Table 4. Of the additional analyte exceedances, 10 were cVOC exceedances, PCE and cis-1,2-dichloroethylene (cis-DCE), which are generally collocated with the TCE plumes of the UAZ and LAZ.

3.3.3.1 PCE Exceedance

PCE contamination is mainly found related to releases associated with PSA-3B, and a "hot-spot" observed along Road F outside of P Area at UAZ groundwater monitoring well PGW034DL (Figure 44). There is no evidence of an existing source to this independent PCE plume. Previous groundwater investigations in P Area, specifically at PSA-3B, defined the extent of PCE groundwater contamination to a small area with no connection between PSA-3B and the "hot-spot" observed at PGW034DL. Figure 45 provides a time-series plot for PCE at PGW034DL indicating persistent PCE concentrations from 2016 to present which are not increasing.

3.3.3.2 Cis-DCE Exceedance

Minor amounts of cis-DCE are co-located as a degradation product of TCE and PCE. To illustrate this, Figures 46 and 47 show time-series plots for UAZ monitoring wells P003L and PGW026DL, respectively, depicting detections of TCE and PCE with cis-DCE.

3.3.3.3 Potential Source Area 3B

In the vicinity of PSA-3B, concentrations for all cVOCs at PGW029DL are following a decreasing trend after SVE treatment of PSA-3B with PCE concentrations having decreased over 98% (Figure 48). Current PCE levels at PGW029DL are trending down while levels at PAO003DU, located at the source, stabilized around 70 ug/L from first quarter of 2015 to first quarter of 2020, and then increased to 131 ug/L in 1Q22 (Figure 49). Confirmation sampling concluded the remedial goal objectives were met at the PSA, however, residual contamination remains in low permeability zones at the source area with matrix diffusion likely contributing to the PCE increase at PAO003DU (SRNS 2013a).

3.3.3.4 P-Reactor Seepage Basins

Associated with the process sewer line leak east of the PRSBs, strontium-90 has been detected in past sampling events at shallow monitoring wells in the area. Recent results for strontium-90 from nearby wells were below the method detection limit (MDL) for all samples analyzed.

3.3.3.5 Potential Source Area 3A

Metals were detected above their screening level in UAZ monitoring well PAO001DU for arsenic and chromium. PAO001DU has consistently exhibited metals above the risk-based screening

criteria due to effects from ISCO treatment around PSA-3A. PAO001DU is located within the ISCO treatment zone (Figure 50), where oxidation of the subsurface resulted in the release of naturally occurring metals from subsurface sediments into the groundwater. This was not unexpected and over time concentrations of many of the naturally occurring metals have fallen back to pre-ISCO conditions, except for those discussed here. Data from the downgradient PAO 2 monitoring well cluster indicate no migration of the metals. This suggests the occurrence of the naturally occurring metals as an outcome of the ISCO is limited to the source area at PAO001DU. Figure 51 presents time-series plots for arsenic, chromium, and cobalt at monitoring well PAO001DU from 2010 to 2022. Concentrations of the three metals are trending down to their respective screening levels but have not returned to pre-ISCO concentrations. Chromium increased slightly to 173 ug/L in first quarter of 2021 sampling and decreased back to 142 ug/L in 1Q22.

4.0 SUMMARY AND RECOMMENDATIONS

This data report presents groundwater data collected for the PAGW OU between April 2021 and March 2022 (inclusive), with plume extents and concentrations developed including soil plug data from 2018 rotosonic borehole characterization. Extensive groundwater plumes exist in the PAGW OU for tritium and TCE, which are impacting a nearby section of a surface water stream, Steel Creek, up gradient of L Lake.

Tritium is primarily present in the UAZ and LAZ of the UTRA, although also detected in three monitoring wells screened in the GAU. Overall, tritium concentrations in the PAGW OU are decreasing due to source removal, dilution/dispersion, and radioactive decay with a half-life of ~12.3 years. However, elevated tritium concentrations are observed at depth in the PSB 2 well cluster, with a recent detection in the deeper GAU above the MCL (Figure 52), indicating a downward migration of contamination into the deeper portion of the GAU at the PSB 2 location. The GAU tritium contamination was adequately defined through the 2010/2011 and the 2013 investigations of PAGW OU contamination and the GAU plume does not pose any threat to surface water in the near term. In response to deep GAU concentration increases at the PSB 2 well group, SRNS is evaluating future plans for additional monitoring or investigation of tritium at the PSB 2 well group. In addition to evaluating impact to tritium levels from the PRSB, SRNS has initiated

sampling for tritium at PDB 4 to evaluate extent of elevated tritium originating from the PRDB near PDB 2 where tritium concentrations have increased significantly in recent sampling events. The increase at PDB 4 has no impact on, or from, the PRSBs. Currently, there are no practical treatment technologies that exist to remove tritium from large volumes of groundwater, such as the PAGW OU; therefore, continued monitoring for tritium is recommended at this time.

The TCE plumes in the PAGW OU continue to migrate southwest parallel to upper Steel Creek. However, the majority of TCE mass in the UAZ is entrained in low-permeability sediments with low concentrations in groundwater which is discharging to upper Steel Creek. In the distal area, the TCE plumes have expanded to cover an extensive area based on understandings from the 2018 SAP Addendum work findings. TCE concentrations in the UAZ are remaining stable while LAZ concentrations in the distal area are increasing, indicating that downward vertical migration of TCE in the UTRA over time is occurring. Effectiveness of the ZVI-PRB will continue to be monitored and reported in the annual EMR for the PAGW OU NTC RA. SRS recommends continued monitoring of the PAGW OU TCE distal area plume until final conclusions are made of the ZVI-PRB impacts. In addition, to provide data relative to the southwest boundary of the distal TCE plume, and other cVOC plumes, to upper Steel Creek, SRNS has initiated the analyses of cVOCs from the PSB 11 well group. These data will provide pertinent information to evaluate the movement of the cVOC plumes in this area. Previous data for cVOCs collected from this well group did not indicate the presence of cVOCs. However, it has been multiple years since cVOC data was collected.

The UAZ continues to be the only aquifer zone discharging to Steel Creek. Overall TCE impact to Steel Creek is decreasing since 2015 (Figure 43), with a maximum detection of 15.2 ug/L at SC-03 in the 1Q22 sampling event. Approximately 490 m (1,600 ft) downstream at SC-04, concentrations are at the PQL of 1.0 ug/L. No additional recommendations are warranted for Steel Creek at this time. Current monitoring is adequate in the detection and monitoring of plume movement and subsequent impact to Steel Creek.

Monitoring and performance assessment of the NTC RA, which consisted of a ZVI-PRB, is conducted in accordance with the ZVI-PRB Effectiveness Monitoring Plan and will be discussed in the annual

EMR for the NTC RA. However, effects on the PAGW OU cVOC plumes will be incorporated into future overall PAGW OU groundwater reports.

Even though PCE concentrations are elevated in the vicinity of PSA-3B in monitoring wells PAO003DU and PGW034DL, no further recommendations are warranted at this time. SRNS will continue to sample and monitor concentrations in the wells and evaluate any increases that may warrant further investigation.

This report serves as the second biennial groundwater monitoring report for the PAGW OU at the SRS. Considering the data presented in this year's report, SRNS recommends continuing monitoring and reporting for the PAGW OU as agreed upon in the 2018 SAP Addendum for the PAGW OU. A complete groundwater monitoring report will be submitted biennially, with a data report letter submitted in the off years.

5.0 REFERENCES

SRNL, 2010. *Treatability Study Work Plan for Edible Oil and MicroCED Deployment for Enhanced cVOC Attenuation for P Area, Savannah River Site,* SRNL-RP-2009-01054, Revision 1, Savannah River National Laboratory, Savannah River Site, Aiken, SC.

SRNL, 2013. *Year One Summary Report Edible Oil and MicroCED Deployment for Enhanced Attenuation of cVOCs at P Area, Savannah River Site (U),* SRNL-RP-2012-00792, Revision 1, Savannah River National Laboratory, Savannah River Site, Aiken, SC.

SRNS, 2012. *Post-Construction Report (PCR) for the P-Area Operable Unit (U),* SRNS-RP-2011-01582, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC.

SRNS, 2013a. *Performance Evaluation Report for the P-Area Operable Unit Potential Source Areas 3A and 3B Subunits,* SRNS-RP-2012-00335, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC.

SRNS, 2013b. *Sampling and Analysis Plan for the P-Area Groundwater Operable Unit (U),* SRNS-RP-2011-01284, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC.

SRNS, 2018. *Sampling and Analysis Plan Addendum for the P-Area Groundwater Operable Unit (U),* SRNS-RP-2018-00261, Revision 1, Savannah River Nuclear Solutions, LLC, Savannah River Site, Aiken, SC.

WSRC, 2002. *Sampling and Analysis Plan for Groundwater Characterization of the P-Reactor Groundwater Operable Unit (OU),* WSRC-RP-2002-4122, Revision 1, Westinghouse Savannah River Company, LLC, Savannah River Site, Aiken, SC.

WSRC, 2004. *Post-Construction Report for the P-Area Burning Rubble Pit (PBRP) (131-P) (U),* WSRC-RP-2004-4051, Revision 1, Washington Savannah River Company, LLC, Savannah River Site, Aiken, SC.

WSRC, 2005. *Remedial Investigation (RI) Work Plan for P-Area Operable Unit (U),* WSRC-RP-2005-4081, Revision 1.1, Westinghouse Savannah River Company, LLC, Savannah River Site, Aiken, SC.

WSRC, 2006. *Post-Construction Report (PCR)/Final Remediation Report (FRR) for the P-Reactor Seepage Basins (U),* WSRC-RP-2005-4088, Revision 1, Westinghouse Savannah River Company, LLC, Savannah River Site, Aiken, SC.

WSRC, 2008. *RCRA Facility Investigation/Remedial Investigation (RFI/RI) Report with Baseline Risk Assessment and Corrective Measures Study/Feasibility Study (CMS/FS) for the P-Area Operable Unit (U),* WSRC-RP-2007-4032, Revision 1.2, Westinghouse Savannah River Company, LLC, Savannah River Site, Aiken, SC.

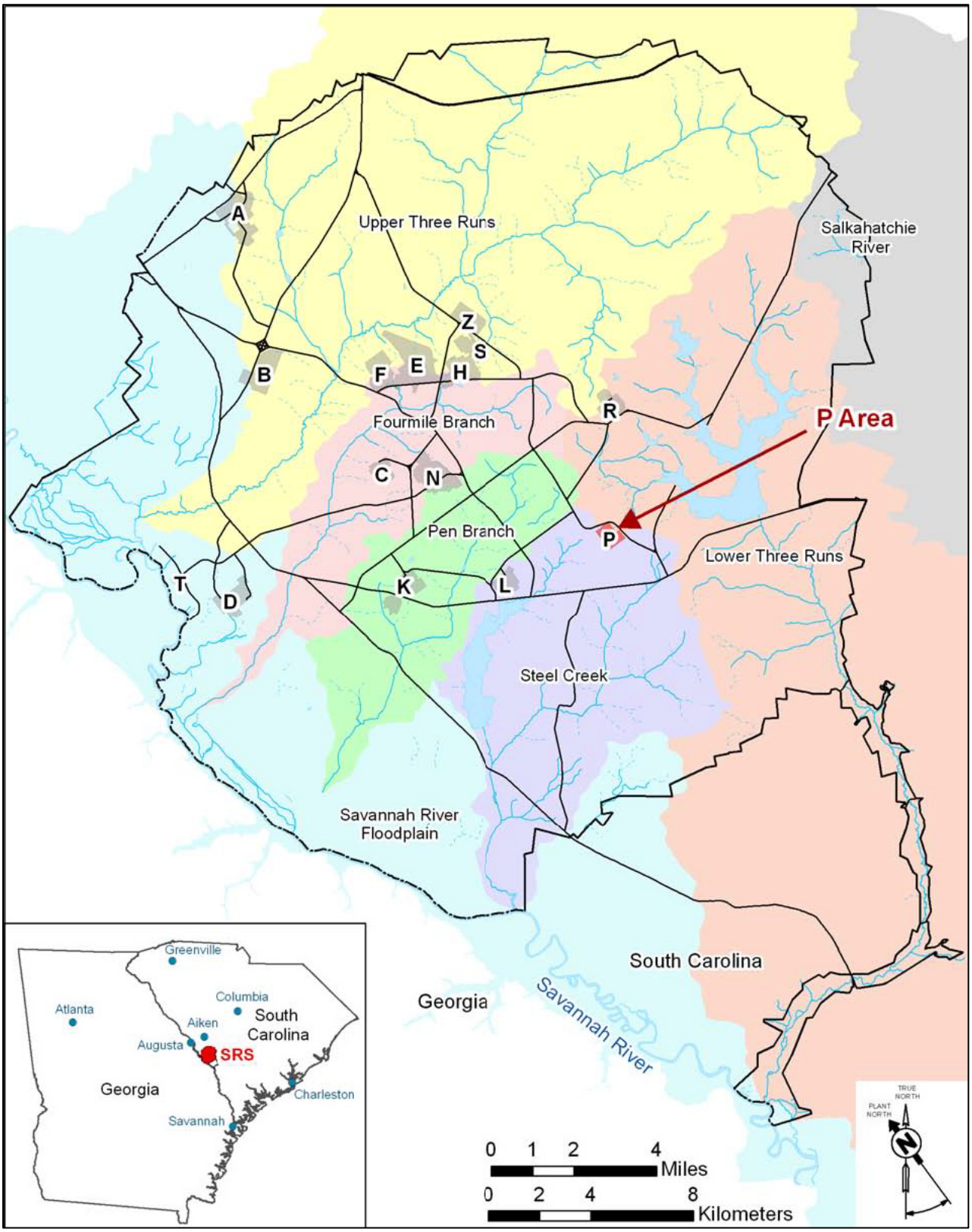


Figure 1. Location of P Area at Savannah River Site

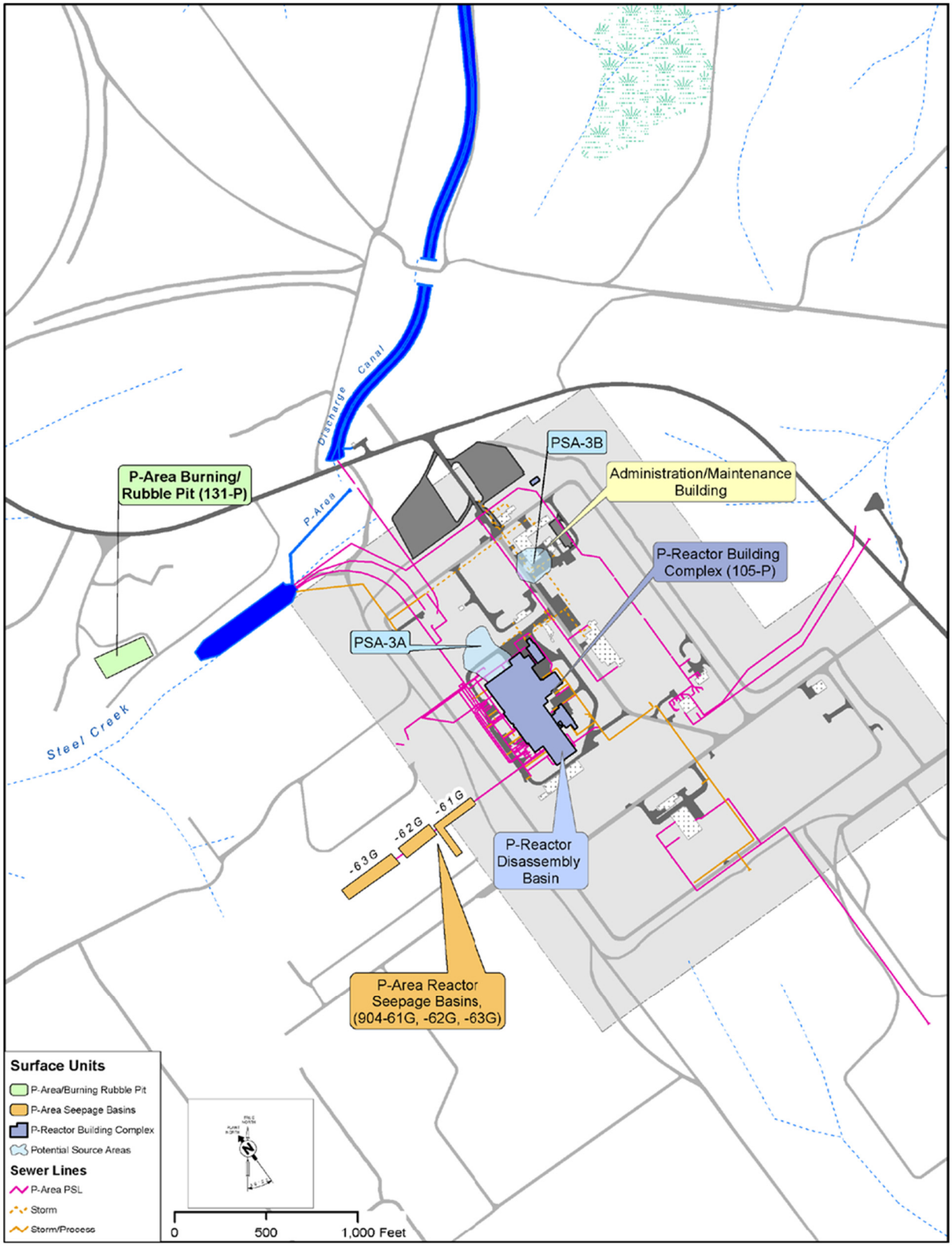


Figure 2. Locations of Sources to Groundwater Contamination

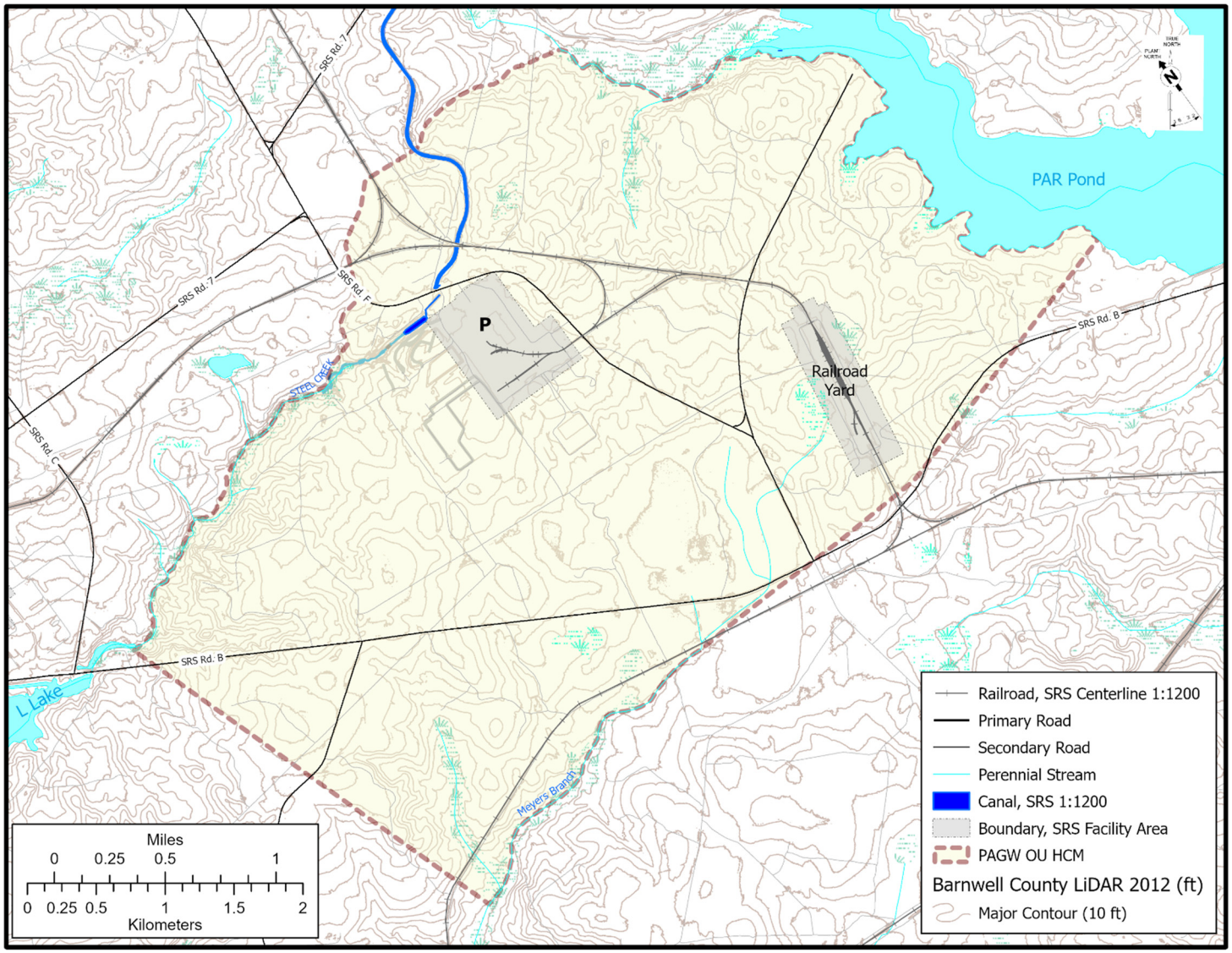


Figure 3. P-Area Groundwater Operable Unit Boundary

This page intentionally left blank.

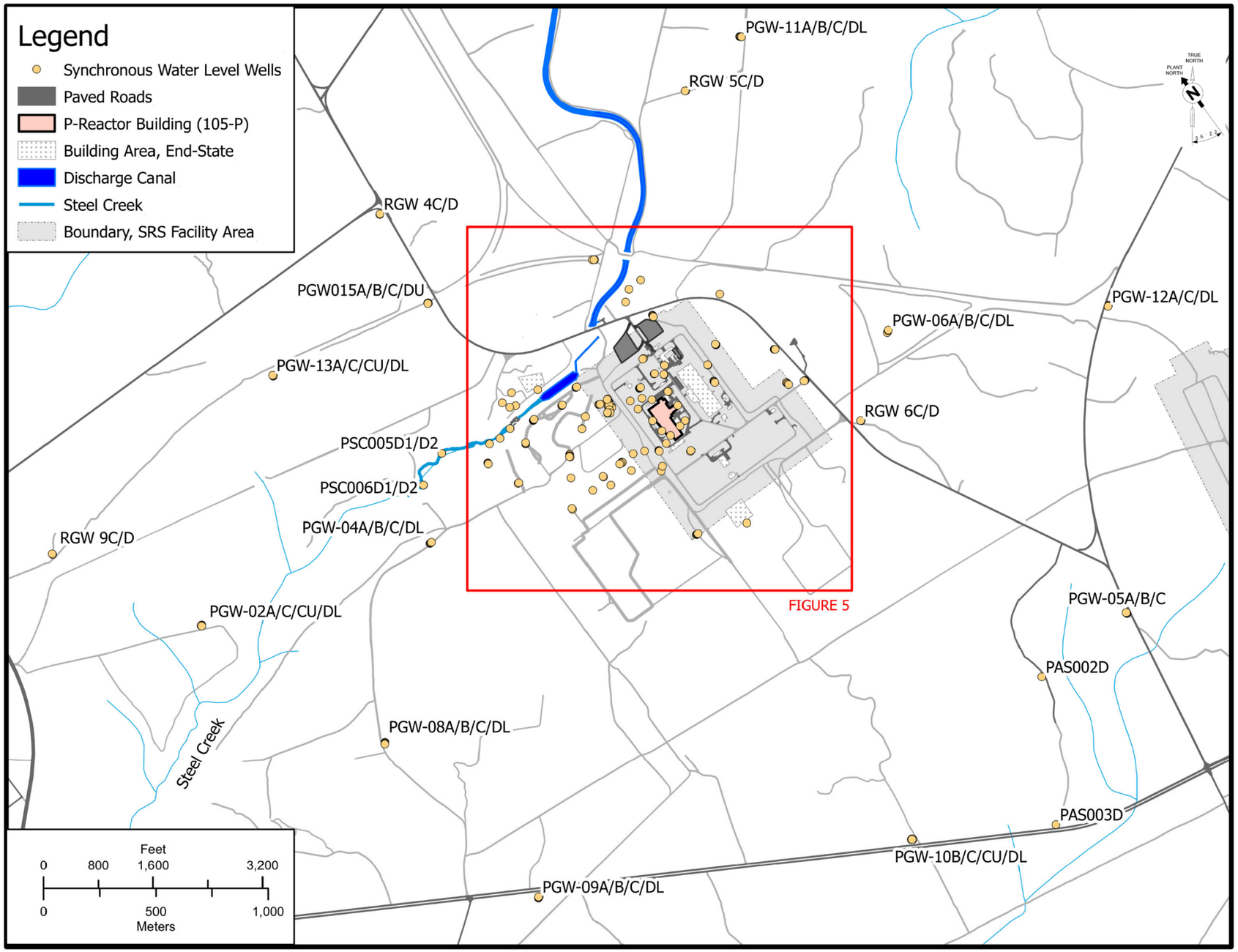


Figure 4. Monitoring Network Locations for P-Area Groundwater Operable Unit Synchronous Water Levels

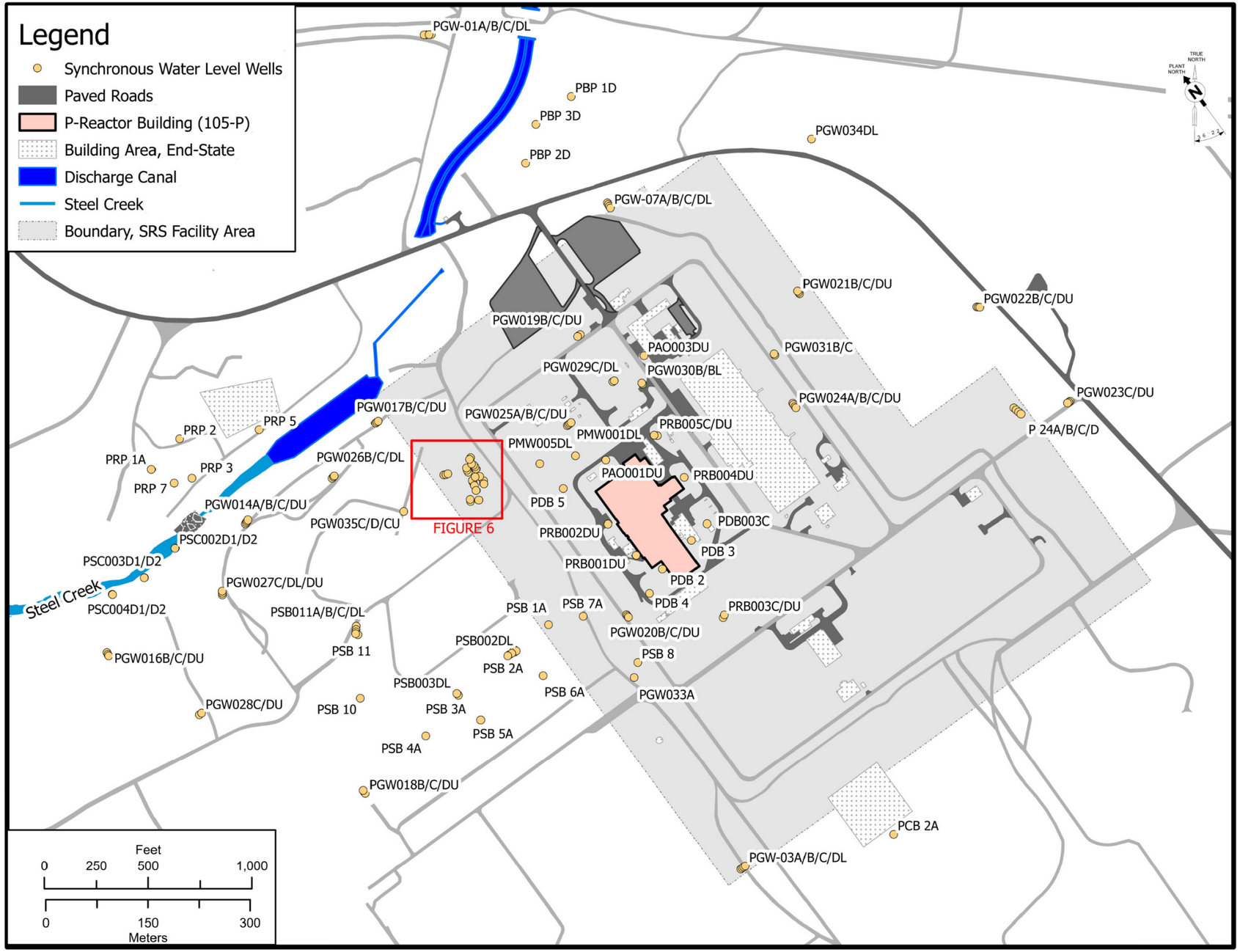


Figure 5. Monitoring Network Locations for P-Area Groundwater Operable Unit Synchronous Water Levels *(Continued)*

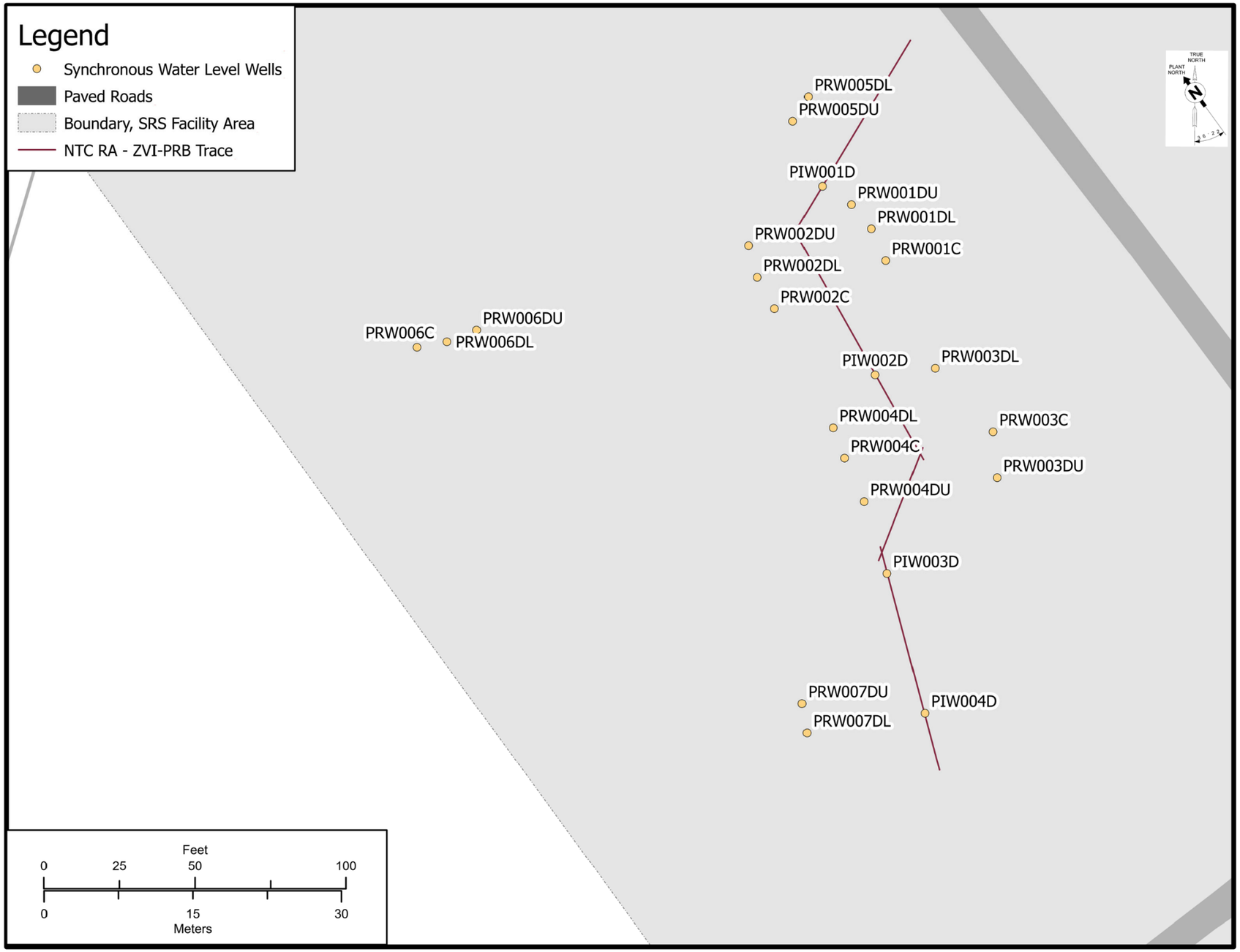


Figure 6. **Monitoring Network Locations for P-Area Groundwater Operable Unit Synchronous Water Levels** ***(Continued/End)***

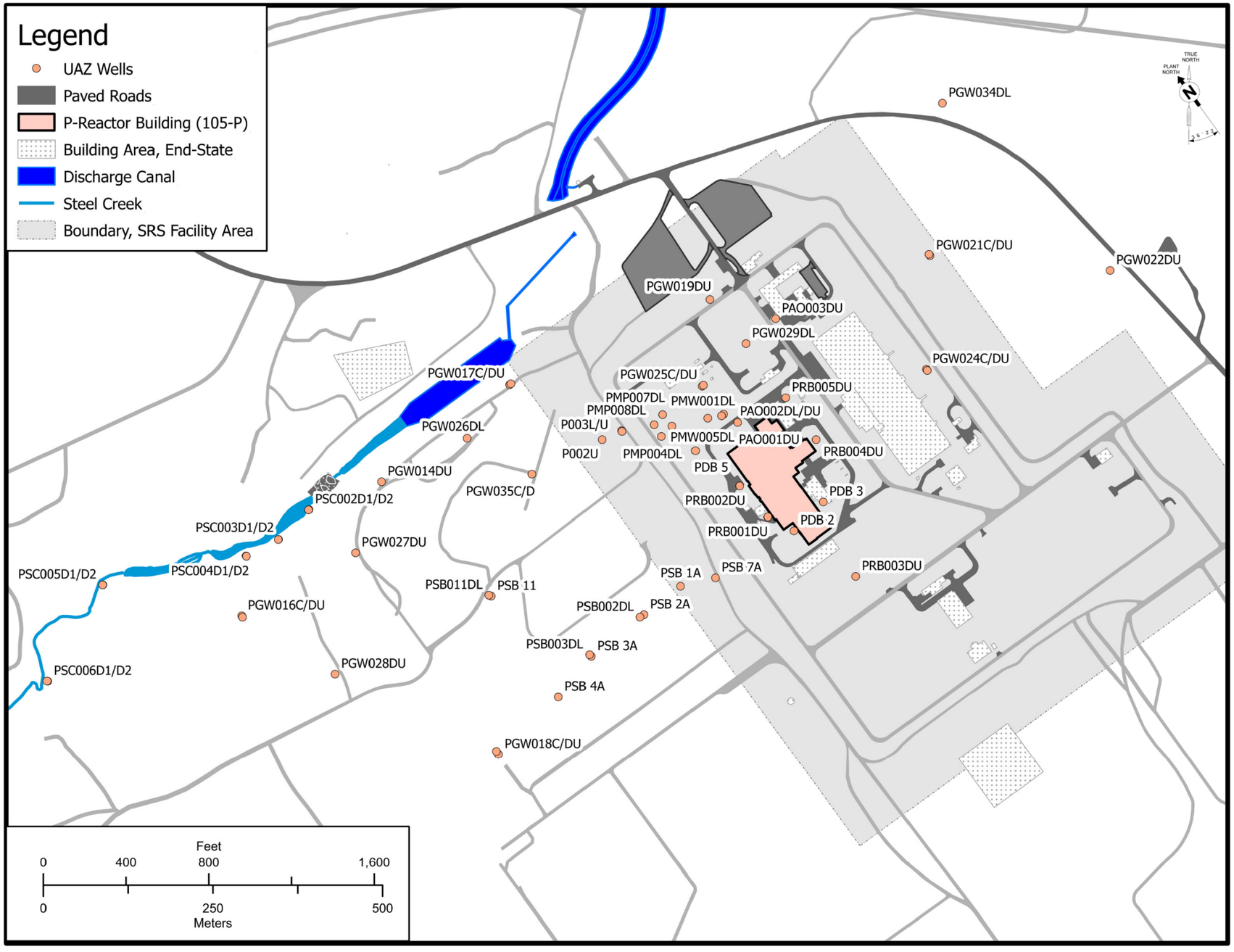


Figure 7. Monitoring Well Network for the Upper Aquifer Zone

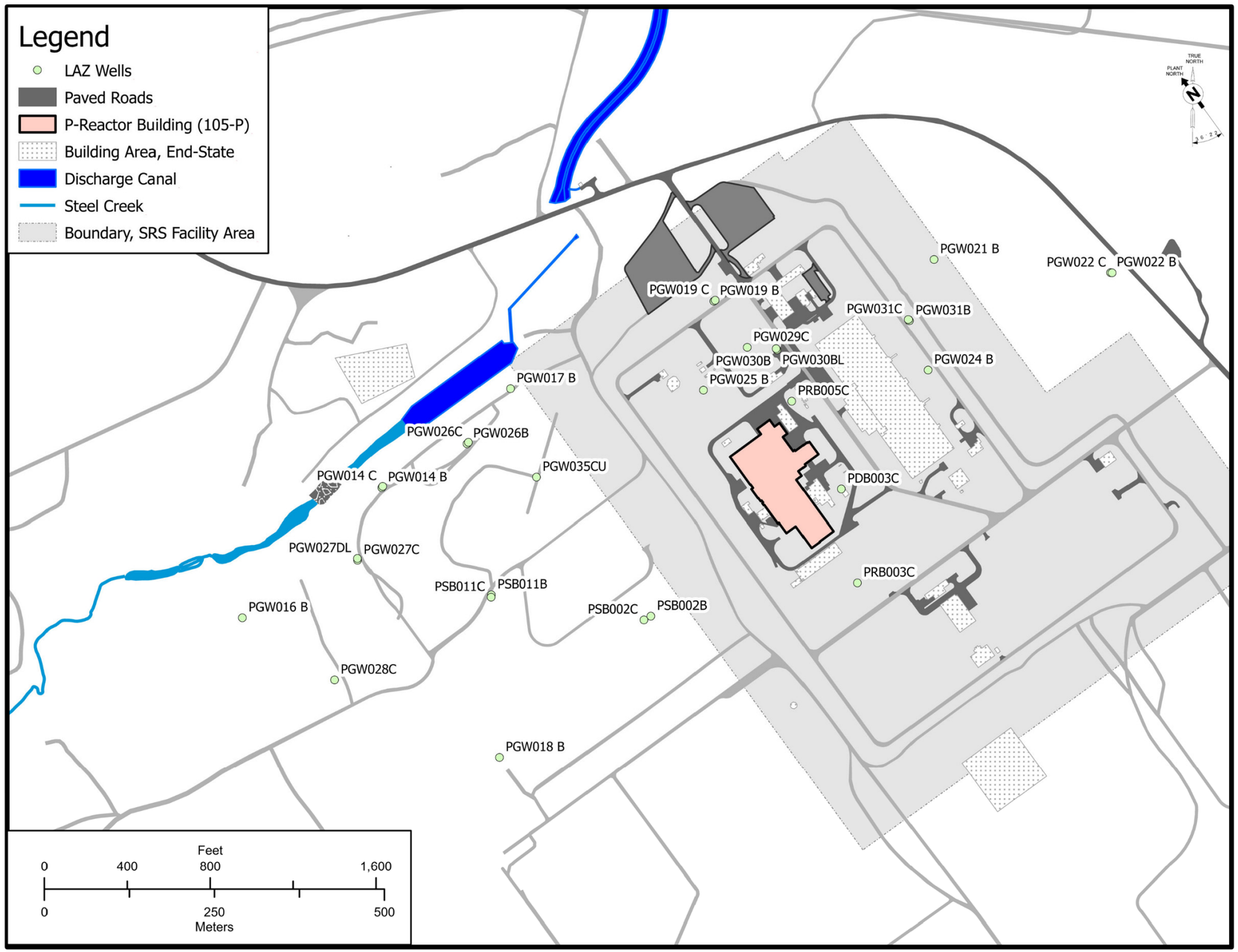


Figure 8. Monitoring Well Network for the Lower Aquifer Zone

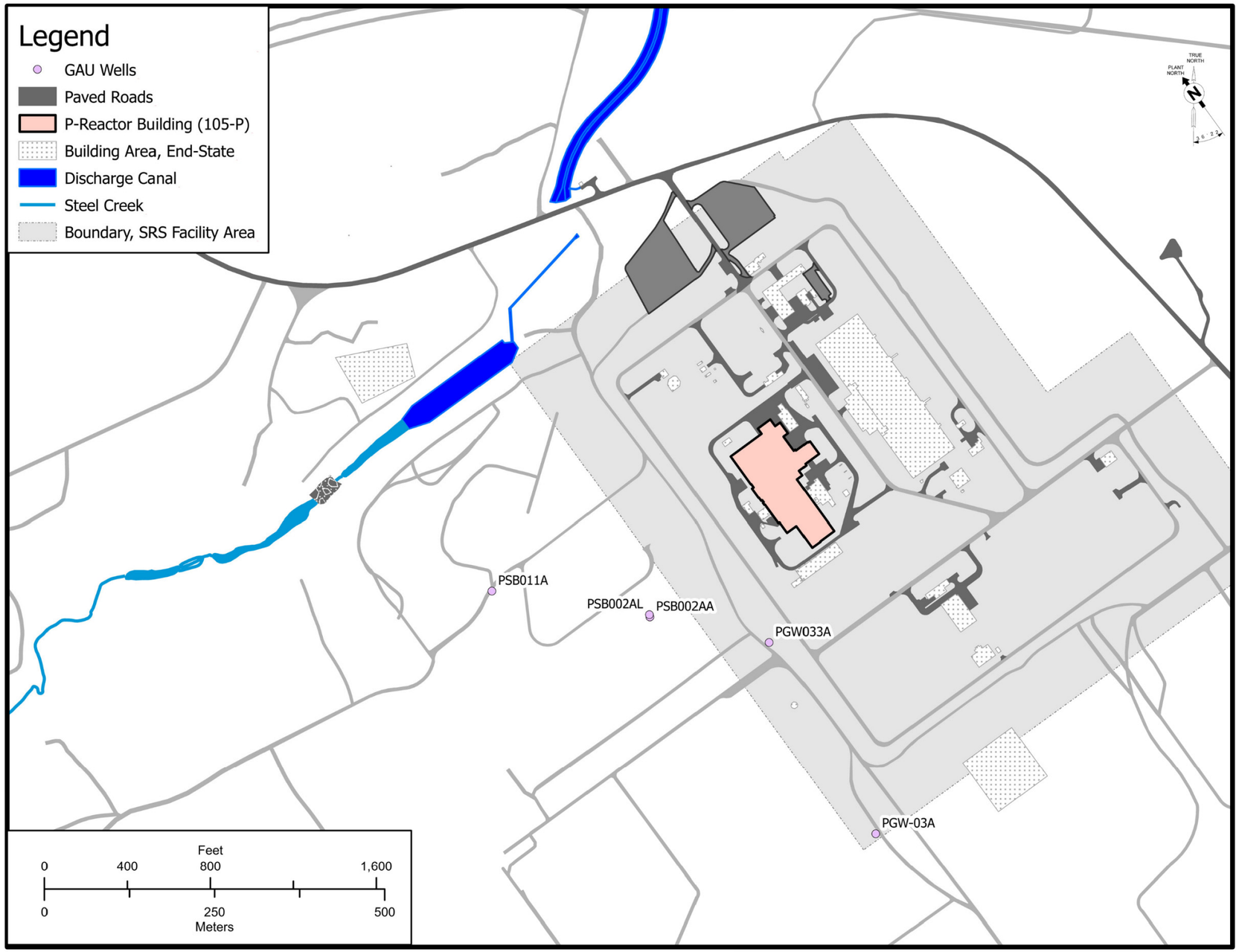


Figure 9. Monitoring Well Network for the Gordon Aquifer Unit

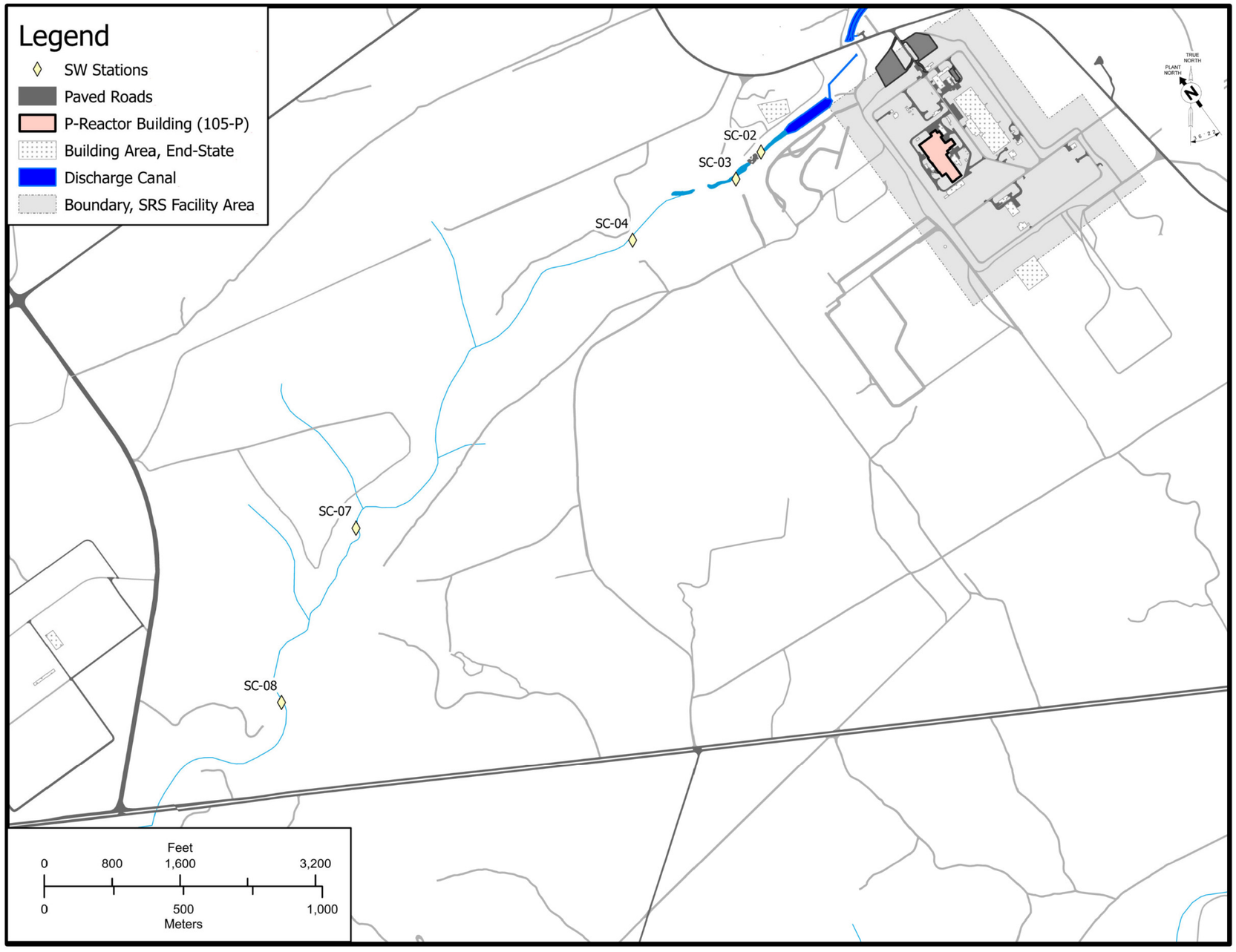


Figure 10. Surface Water Monitoring Station Network

This page intentionally left blank.

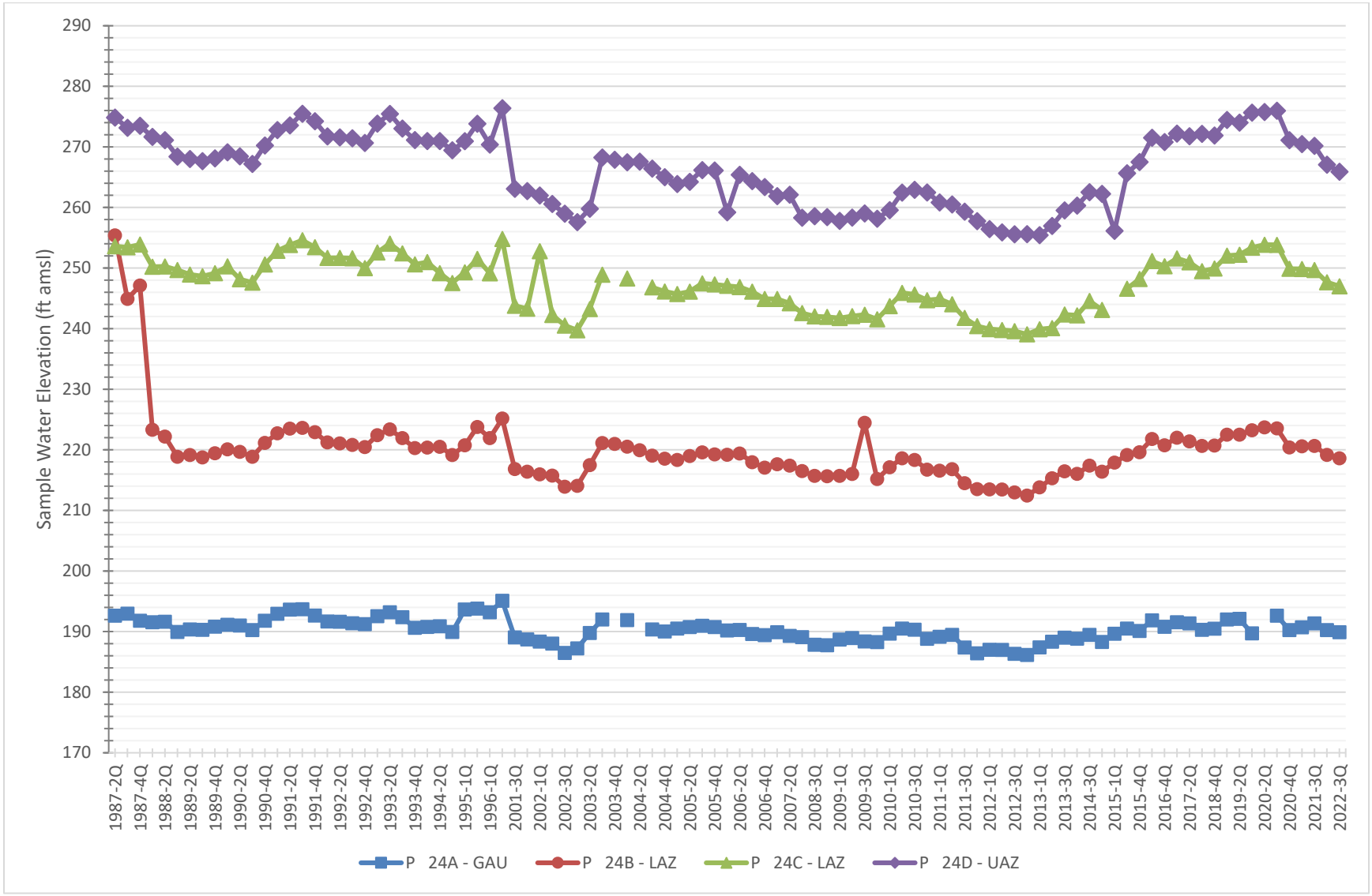


Figure 11. Typical Trend of Water Levels at the P Area, P 24 Well Cluster

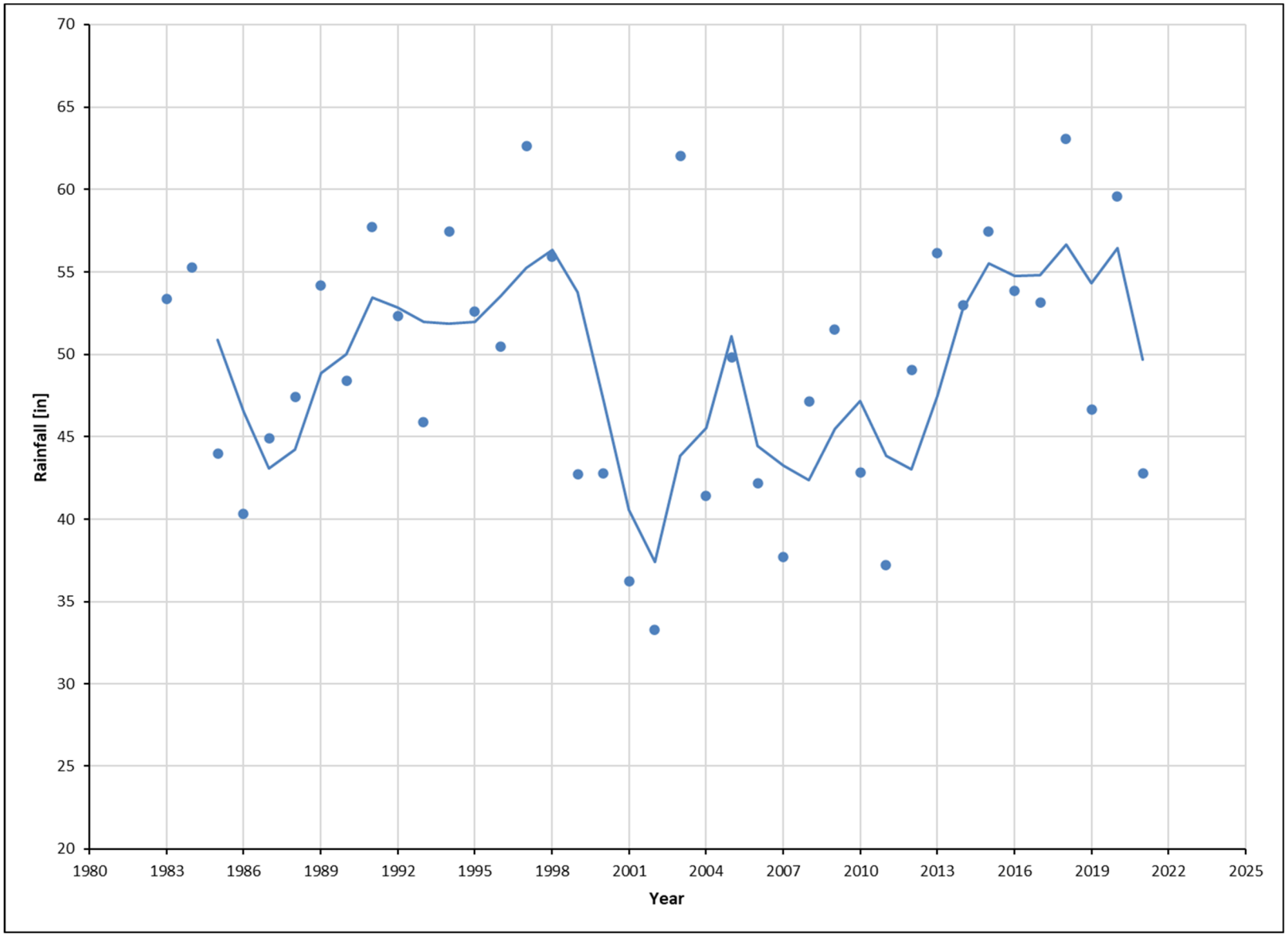


Figure 12. Annual Rainfall for P Area with Three Point Moving Average

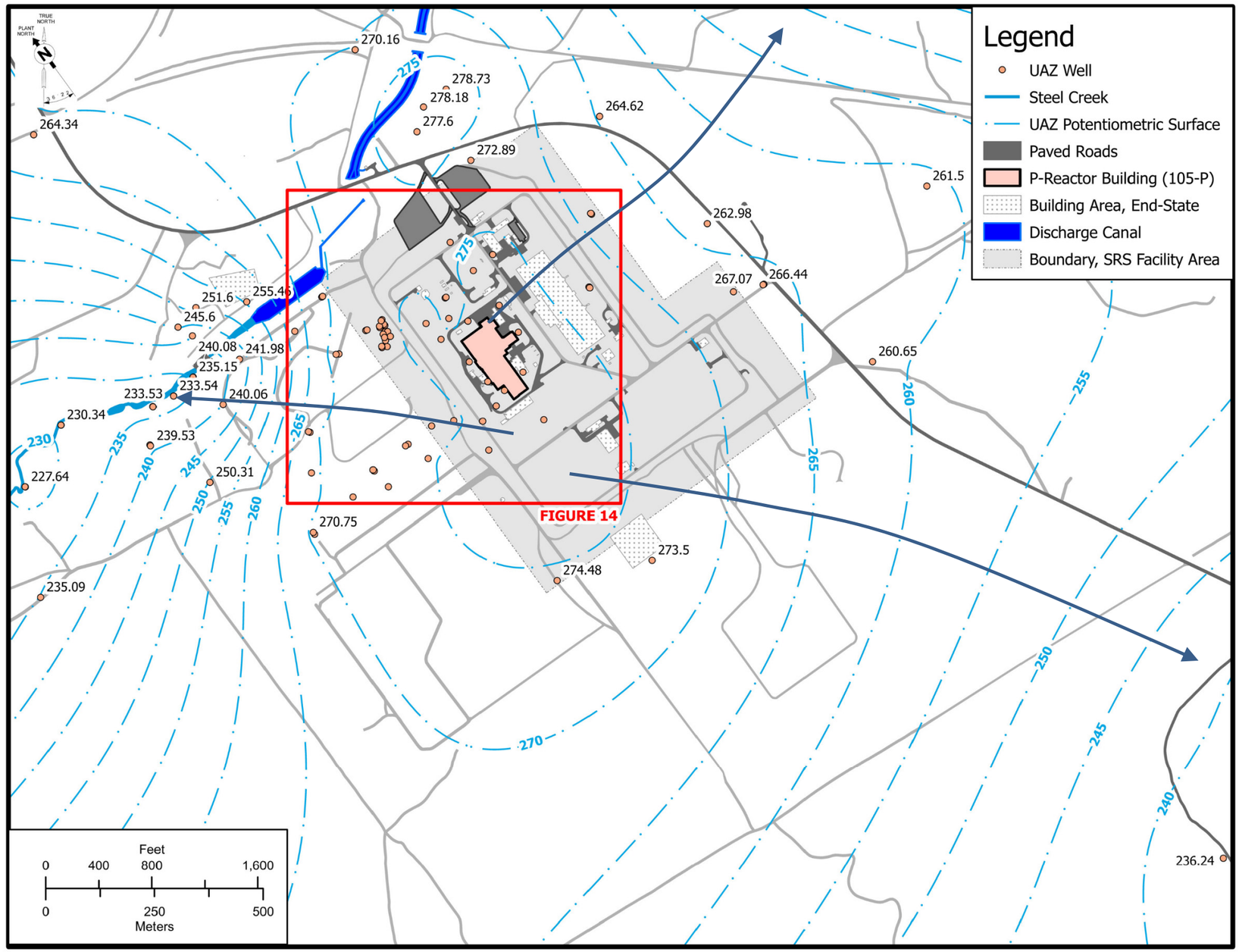


Figure 13. Upper Aquifer Zone Potentiometric Surface for the P-Area Groundwater Operable Unit

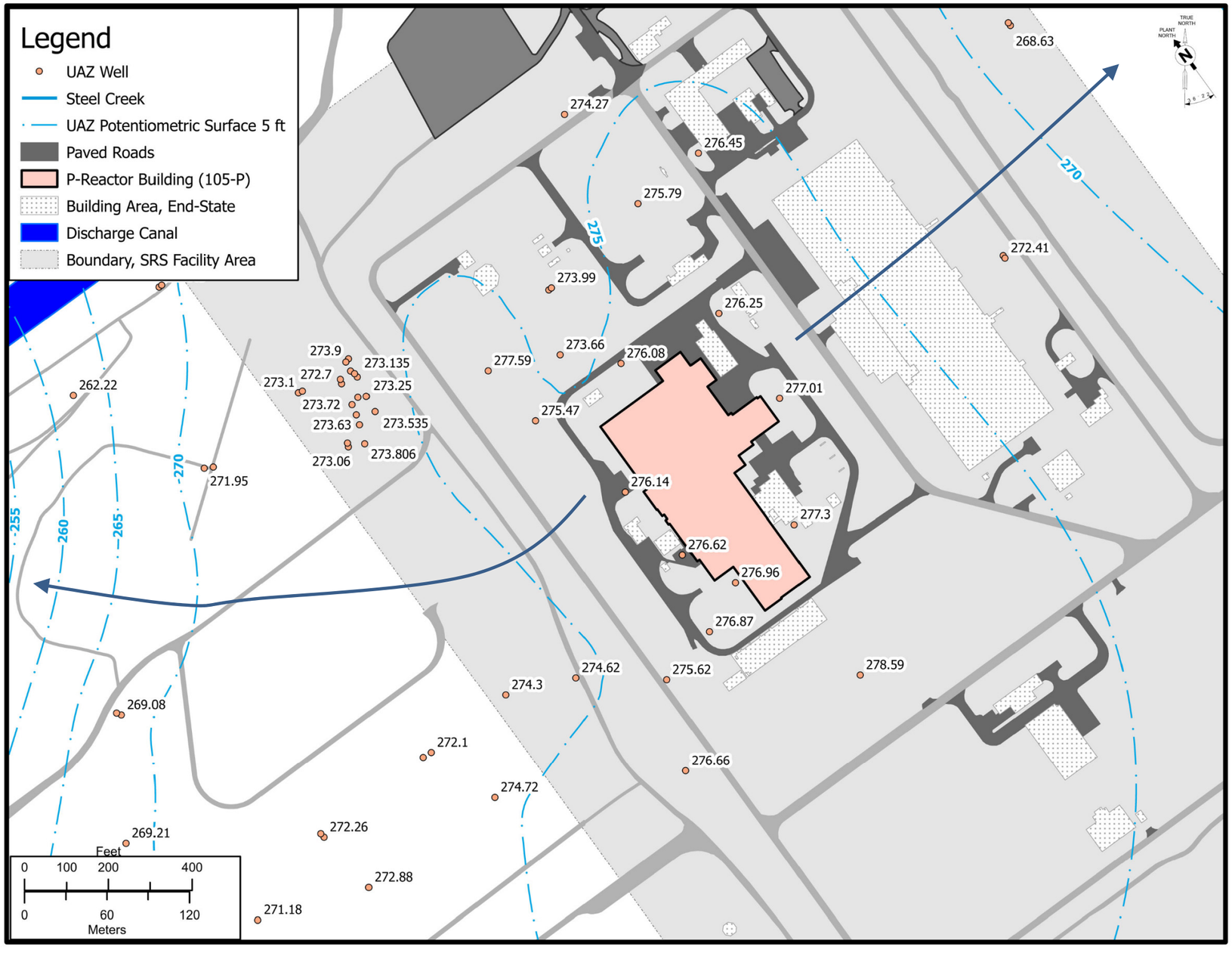


Figure 14. Upper Aquifer Zone Potentiometric Surface for the P-Area Groundwater Operable Unit *(Continued/End)*

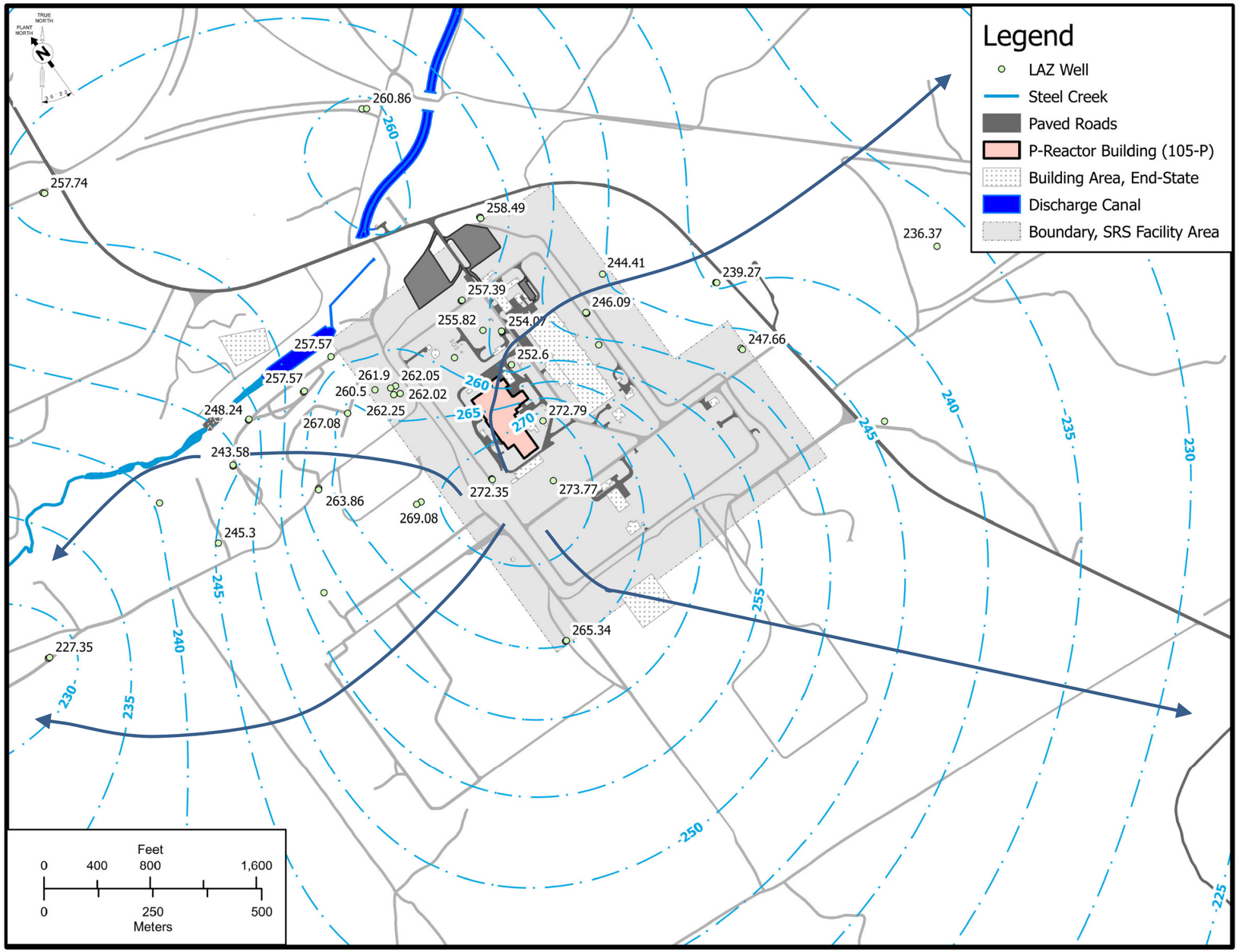


Figure 15. Lower Aquifer Zone Potentiometric Surface for the P-Area Groundwater Operable Unit

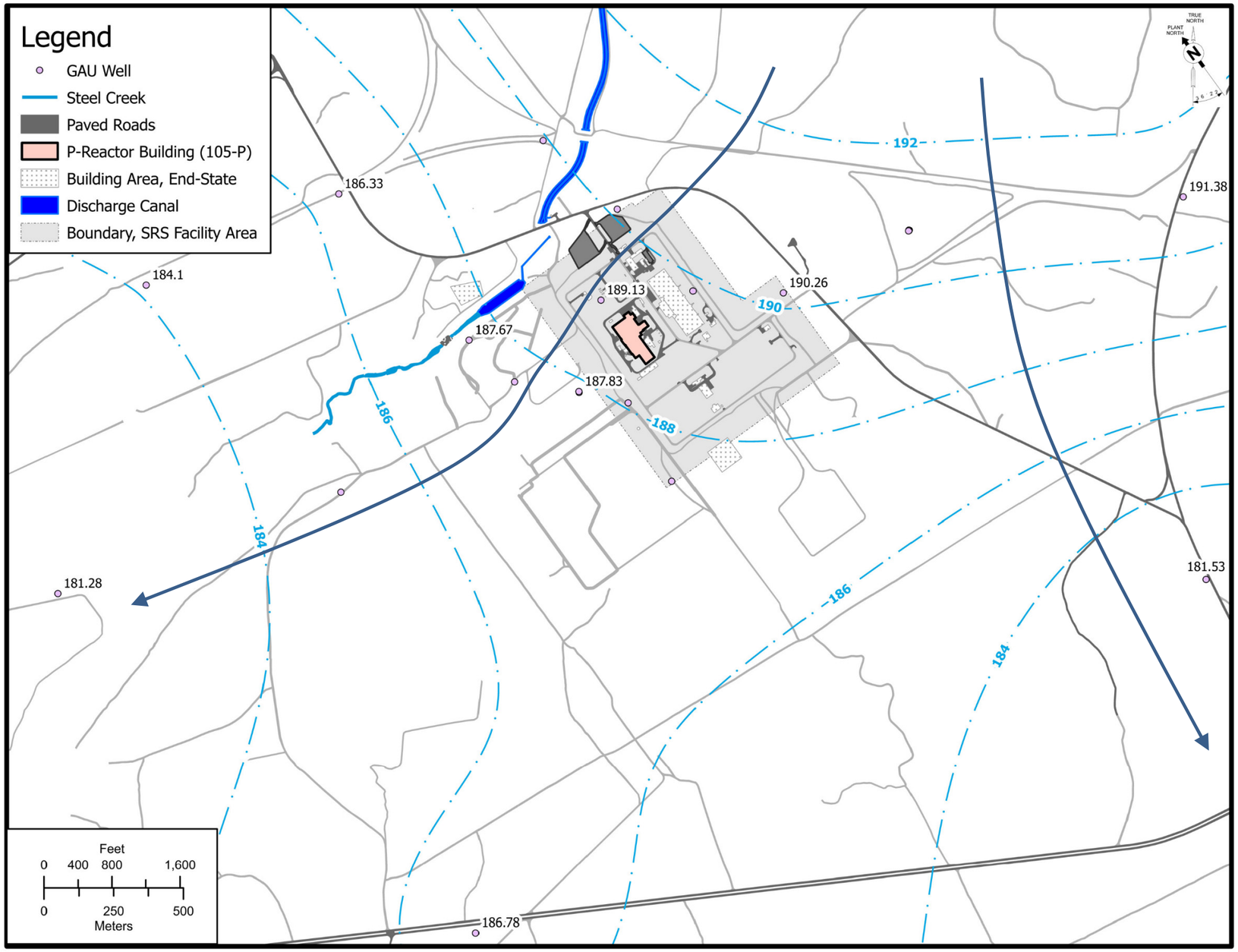


Figure 16. Gordon Aquifer Unit Potentiometric Surface for the P-Area Groundwater Operable Unit

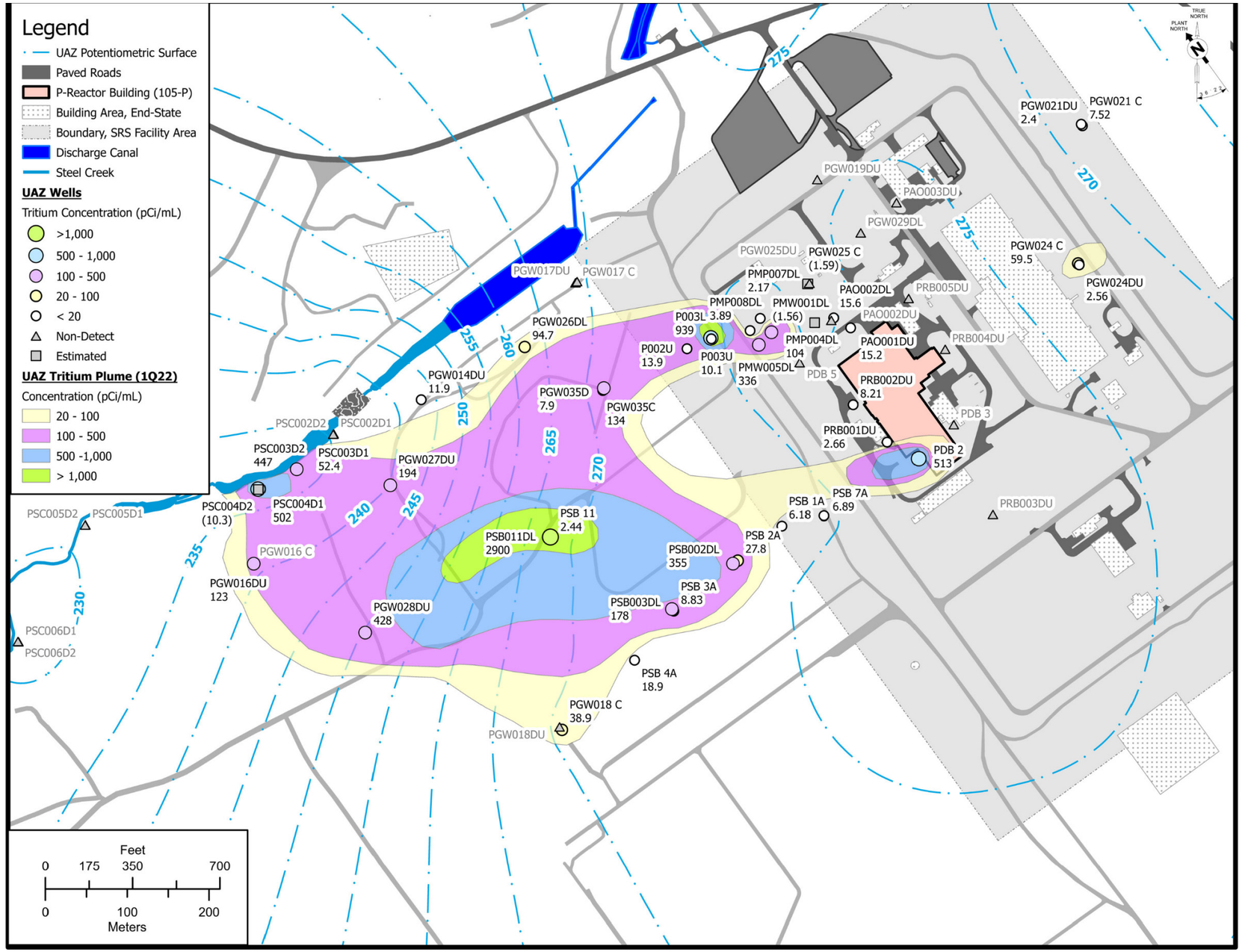


Figure 17. Upper Aquifer Zone Tritium Plume for the P-Area Groundwater Operable Unit

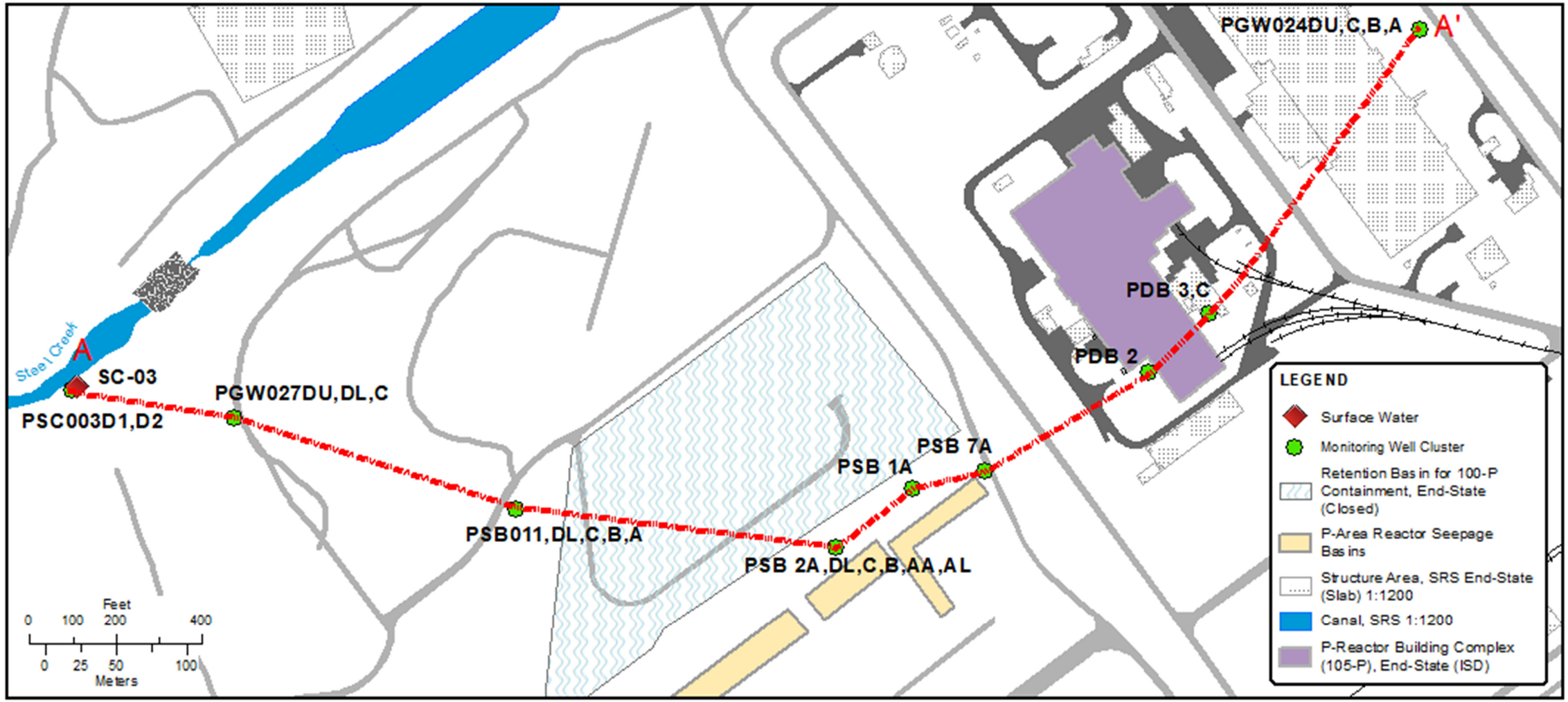


Figure 18. Tritium Cross-Section Trace

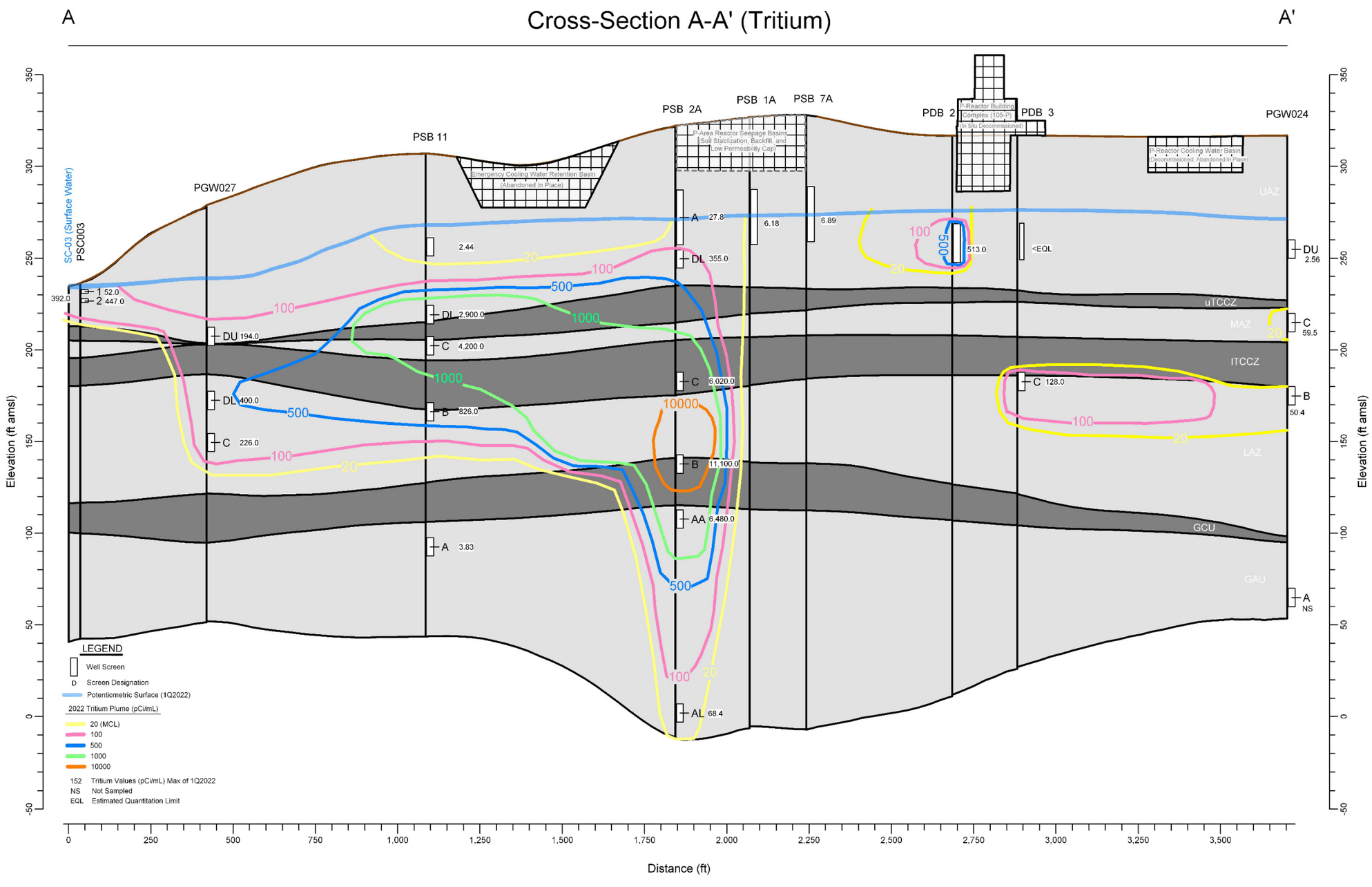


Figure 19. Cross-Section of the Tritium Plume in P Area

This page intentionally left blank.

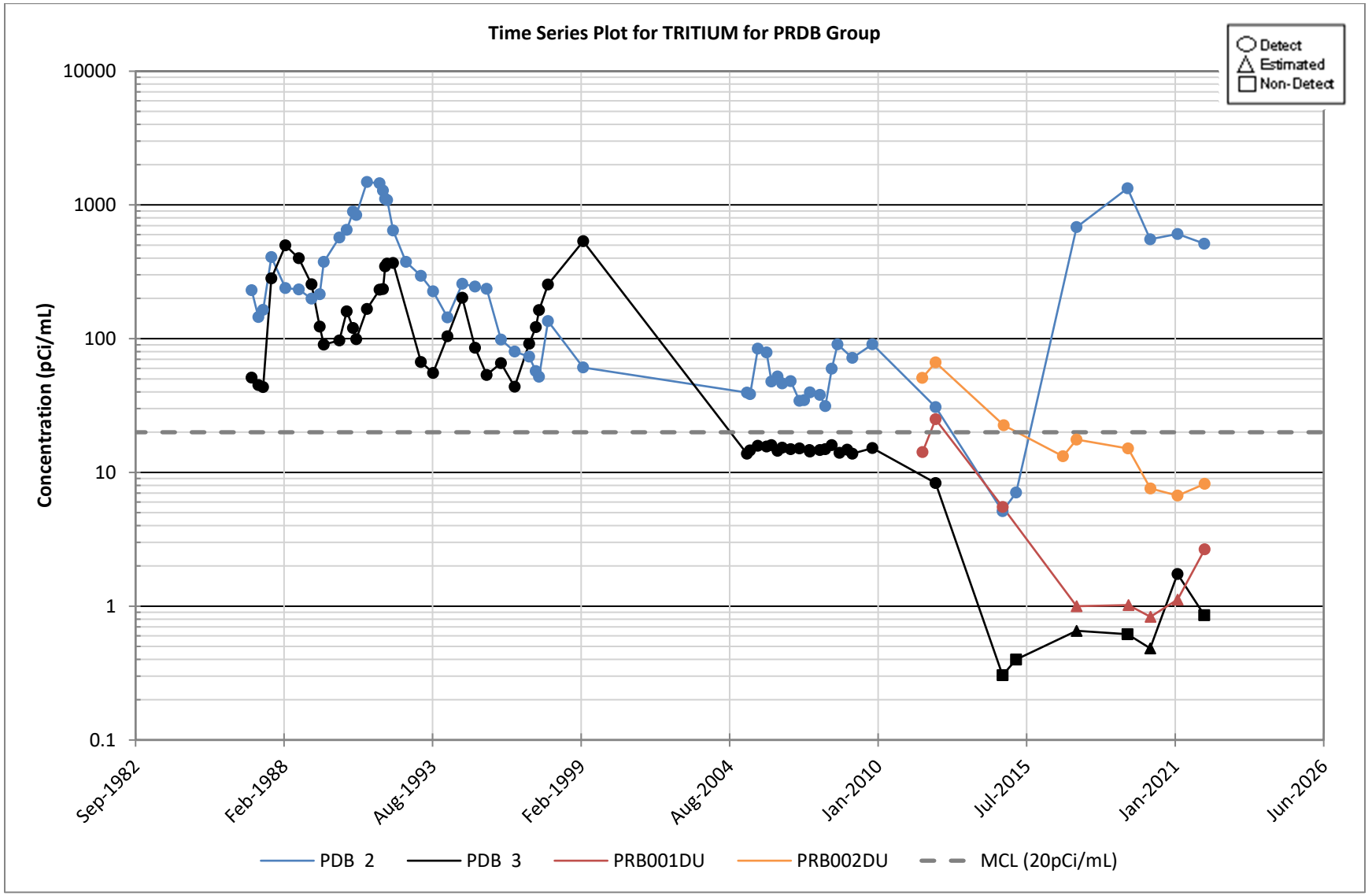


Figure 20. Time-Series Plot for Tritium at Upper Aquifer Zone Wells in the Vicinity of the P-Area Reactor Disassembly Basin

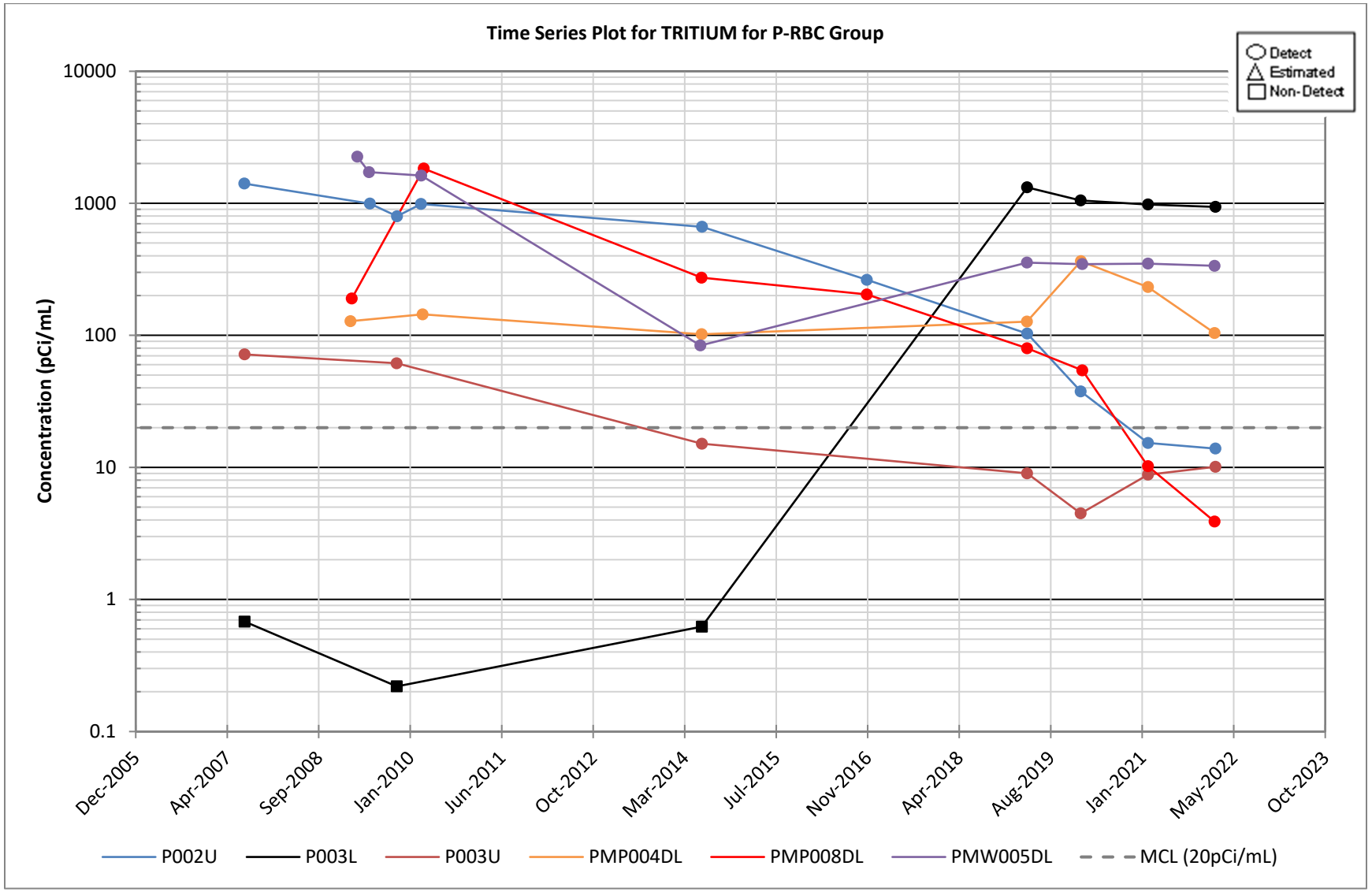


Figure 21. Time-Series Plot for Tritium at Upper Aquifer Zone Wells in the Vicinity of the P-Area Reactor Building Complex

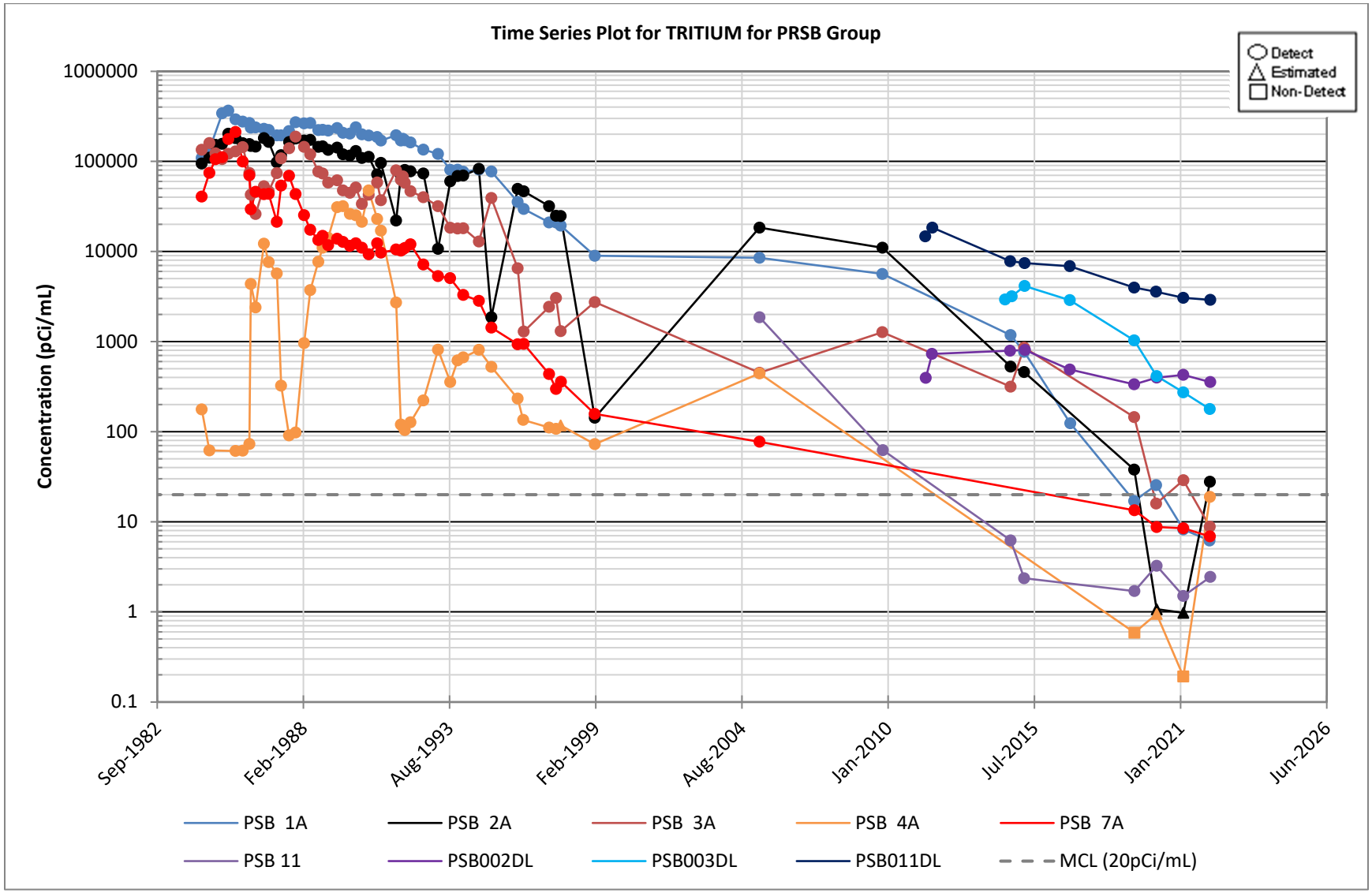


Figure 22. Time-Series Plots for Tritium at Upper Aquifer Zone Wells in the Vicinity of the P-Reactor Seepage Basins

This page intentionally left blank.

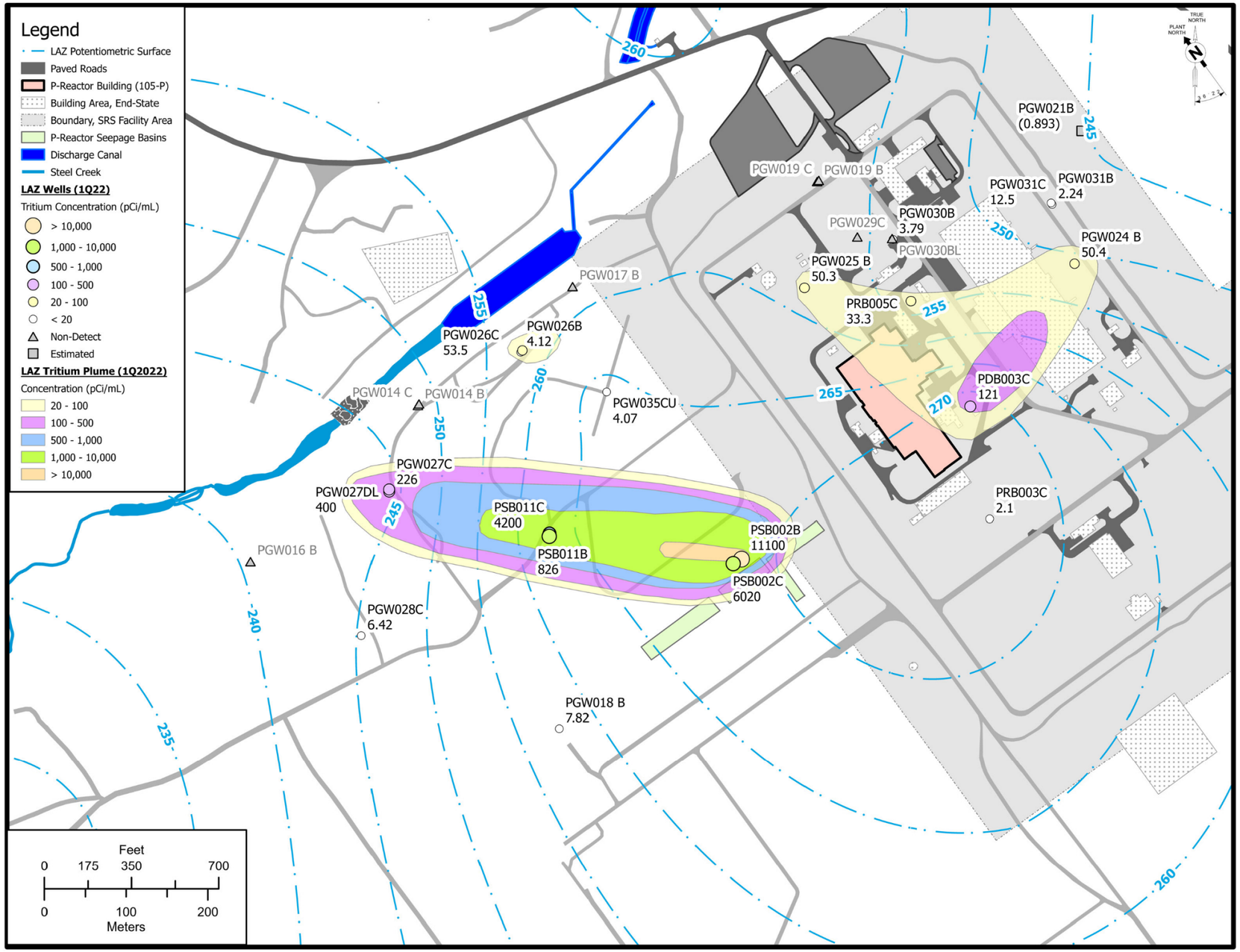


Figure 23. Lower Aquifer Zone Tritium Plume for the P-Area Groundwater Operable Unit

This page intentionally left blank.

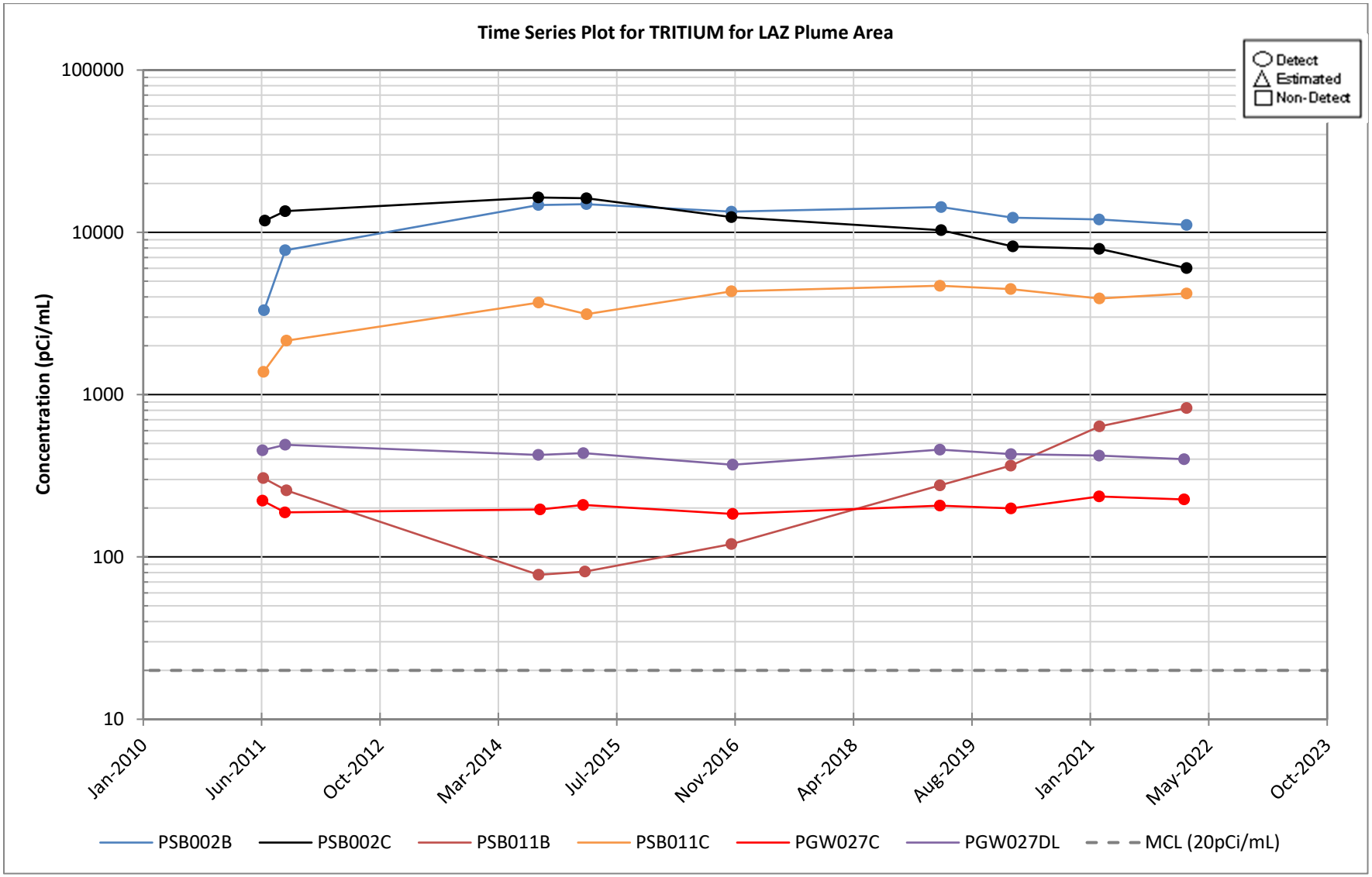


Figure 24. Time-Series Plots for Tritium at Lower Aquifer Zone Wells in the Tritium Plume

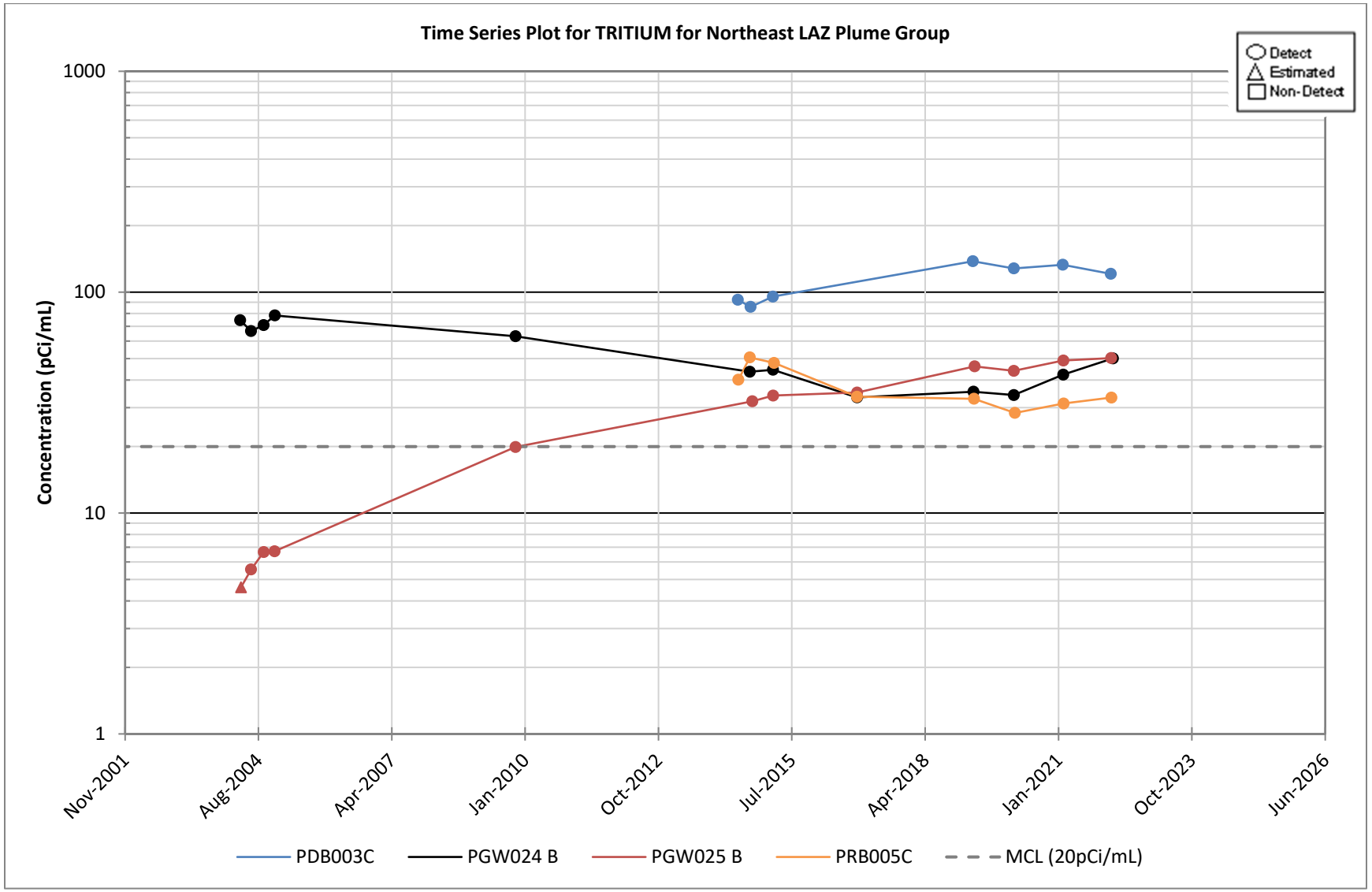


Figure 25. Time-Series Plots for Tritium at Lower Aquifer Zone Wells Northeast of P-Area Reactor Building Complex

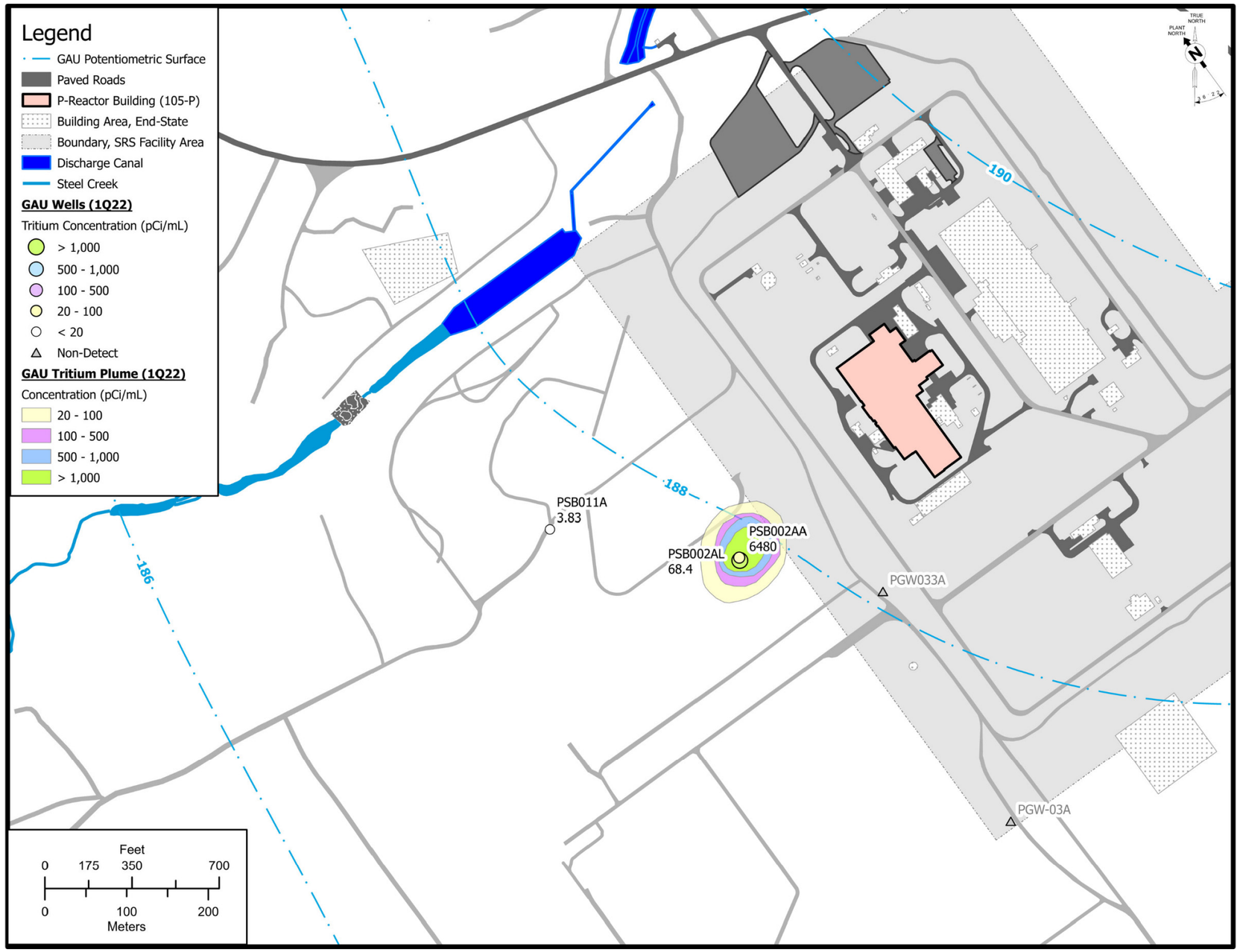


Figure 26. Gordon Aquifer Unit Tritium Plume for the P-Area Groundwater Operable Unit

This page intentionally left blank.

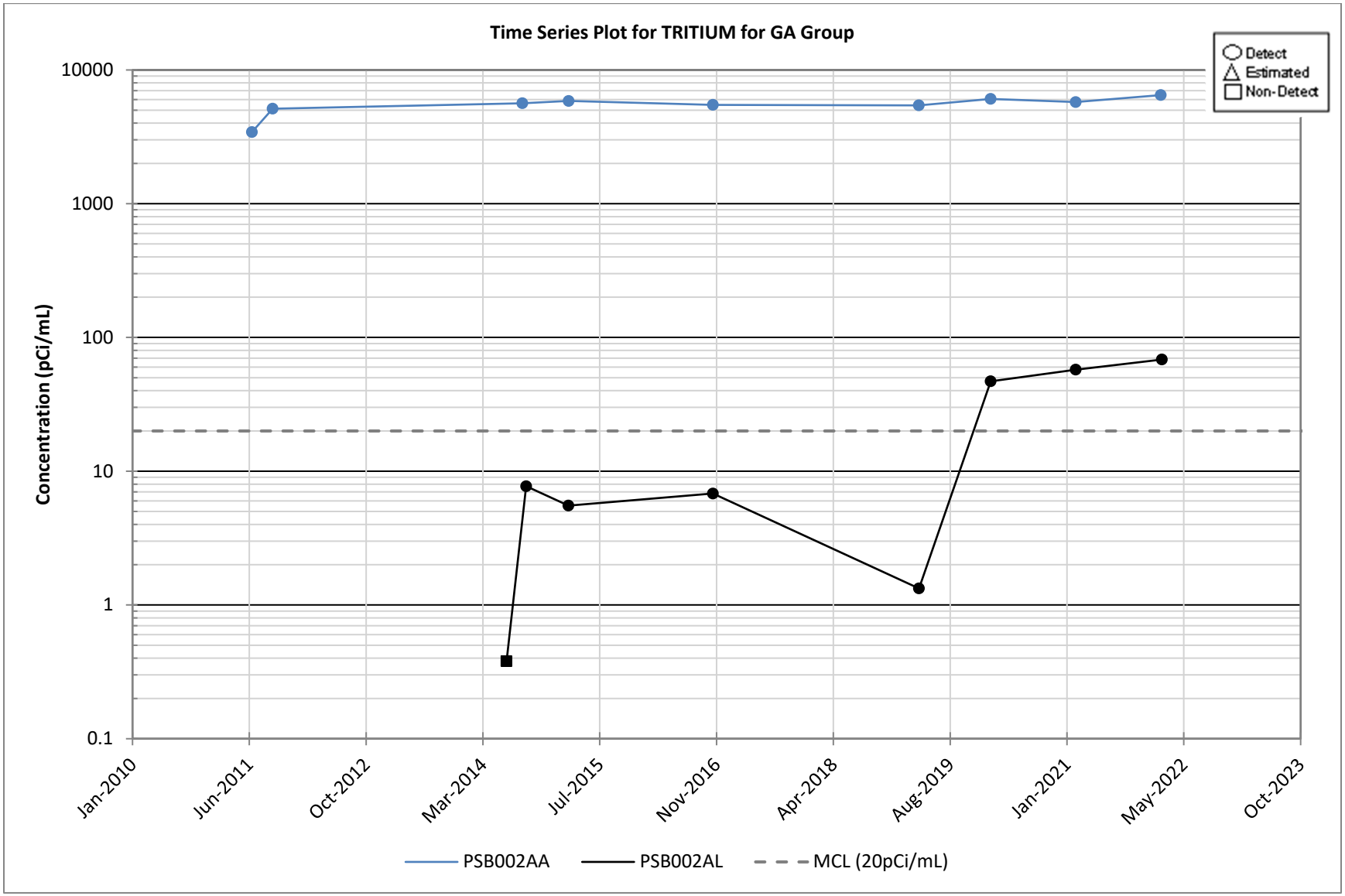


Figure 27. Time-Series Plots for PSB002 Monitoring Wells in the Gordon Aquifer Unit

This page intentionally left blank.

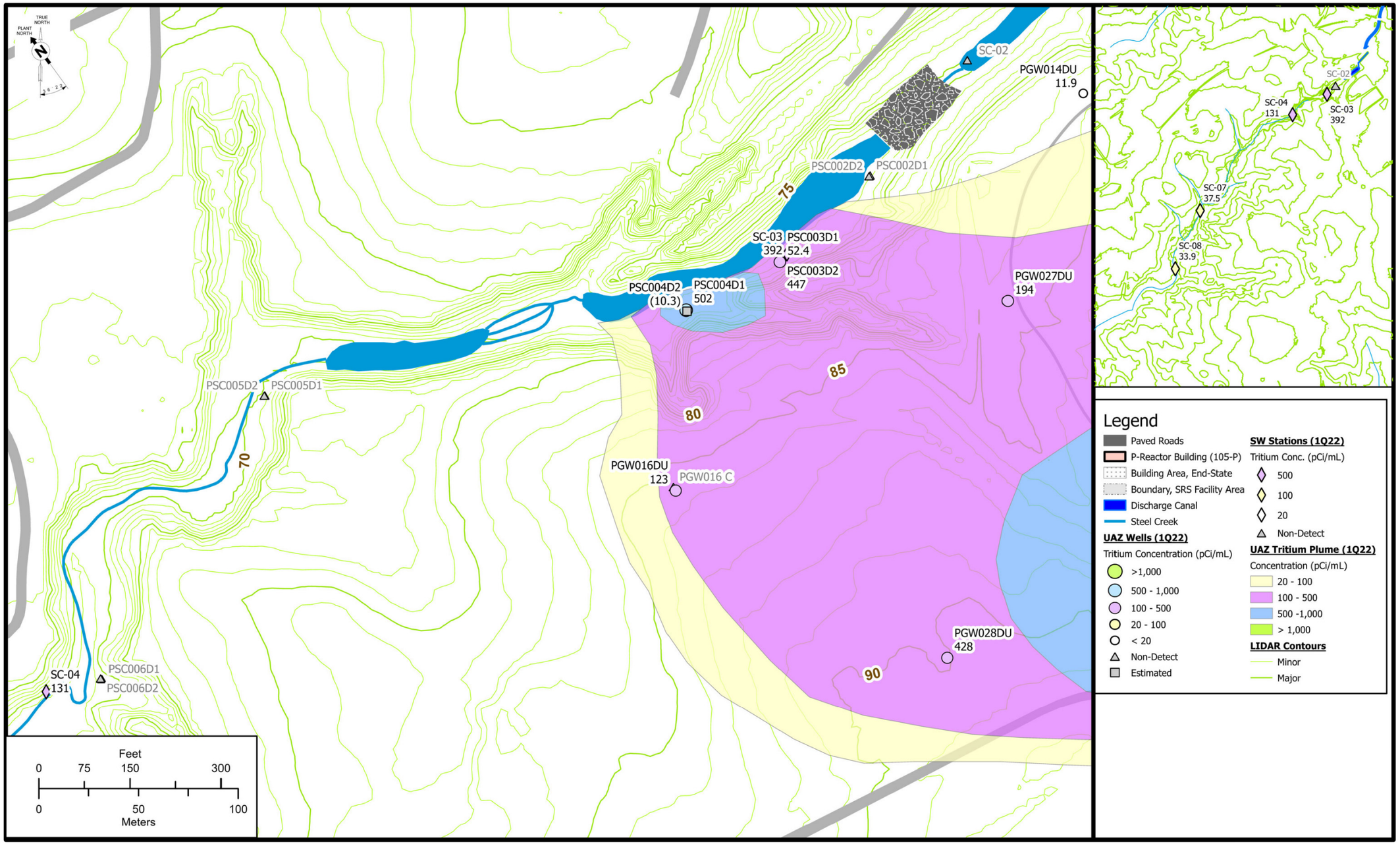


Figure 28. Surface Water and Shallow Well Locations for Tritium Plume Impact

This page intentionally left blank.

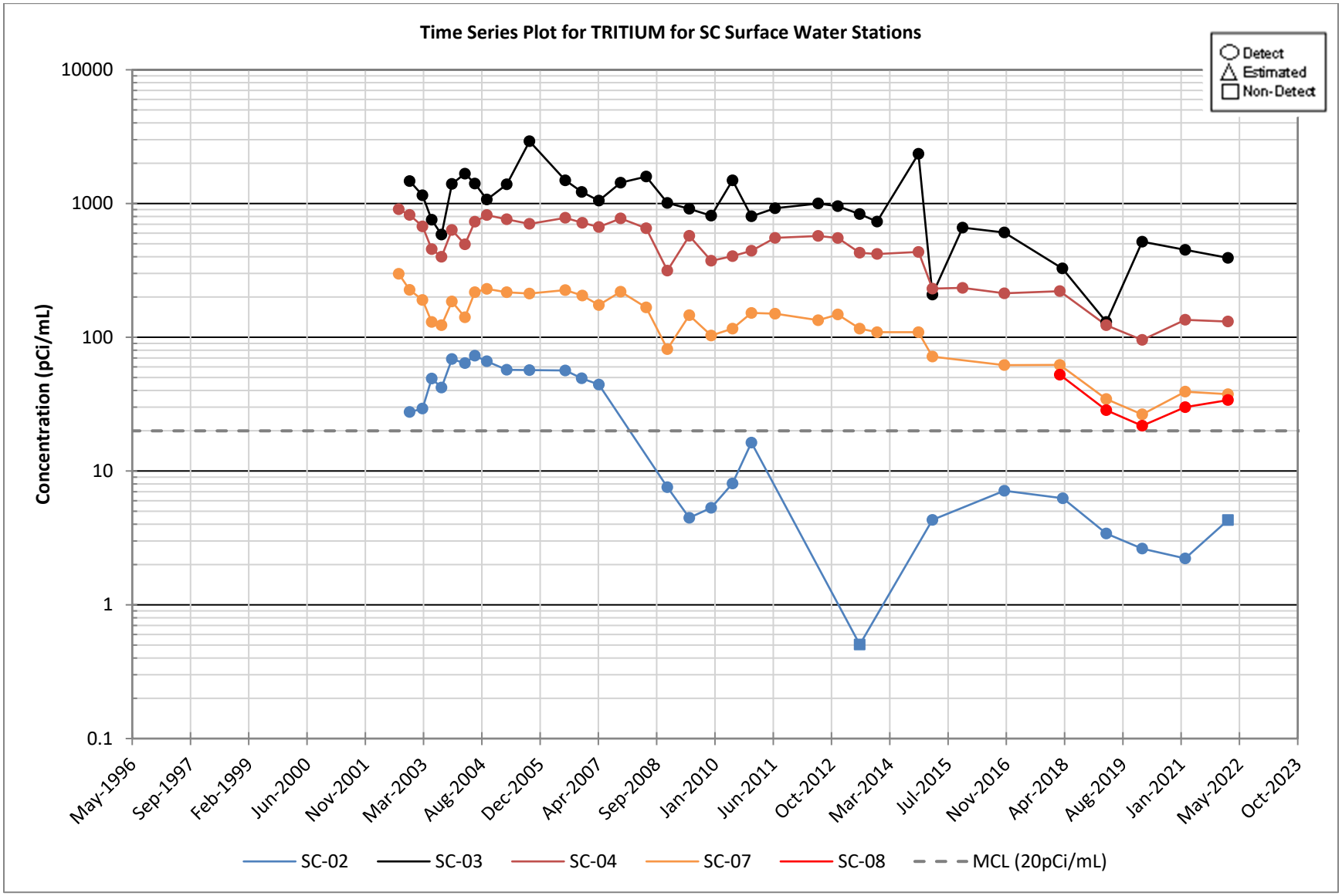


Figure 29. Time-Series Plots for Tritium at Surface Water Stations

Figure 30. Steel Creek Sampling Access Road Completed in January 2023

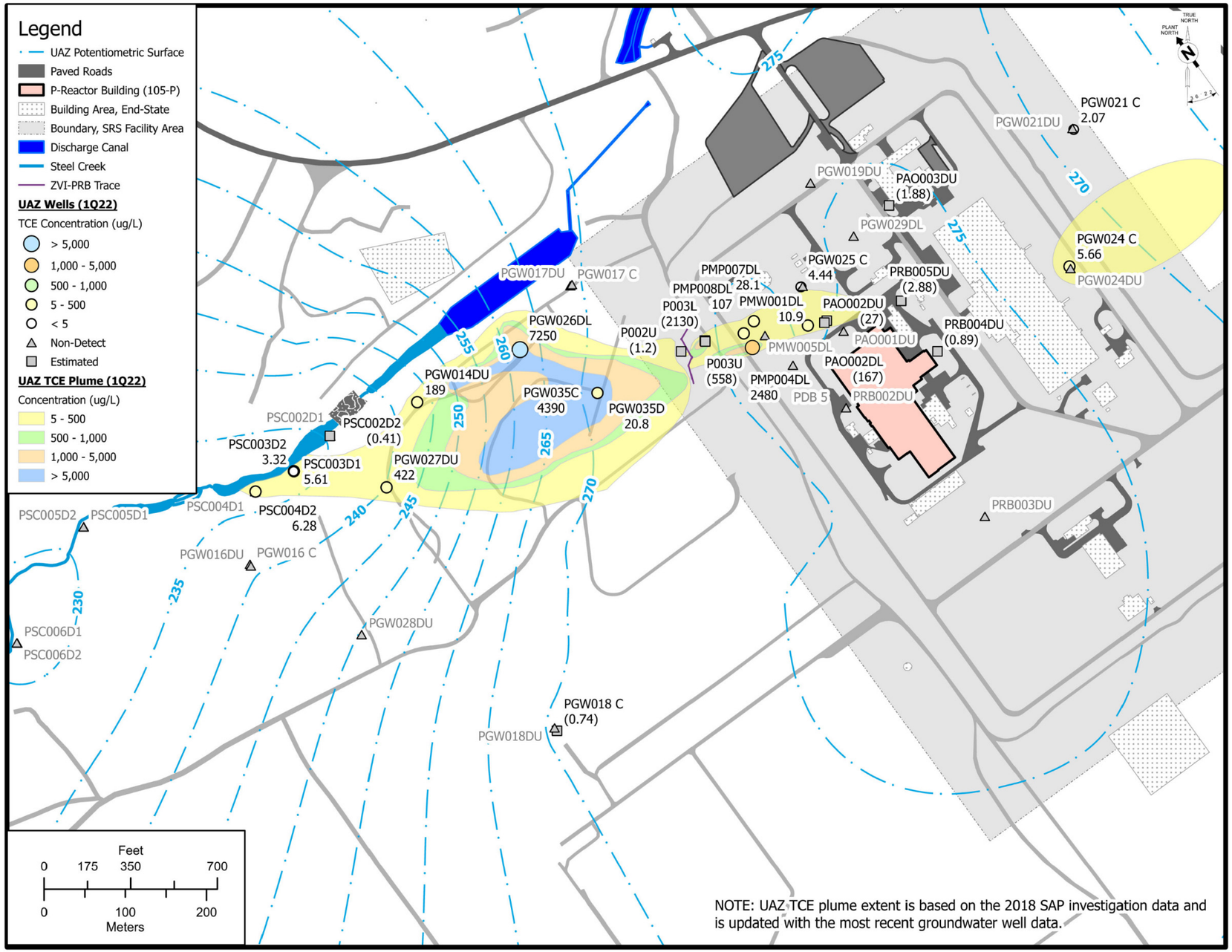


Figure 31. Upper Aquifer Zone Trichloroethylene Plume for the P-Area Groundwater Operable Unit

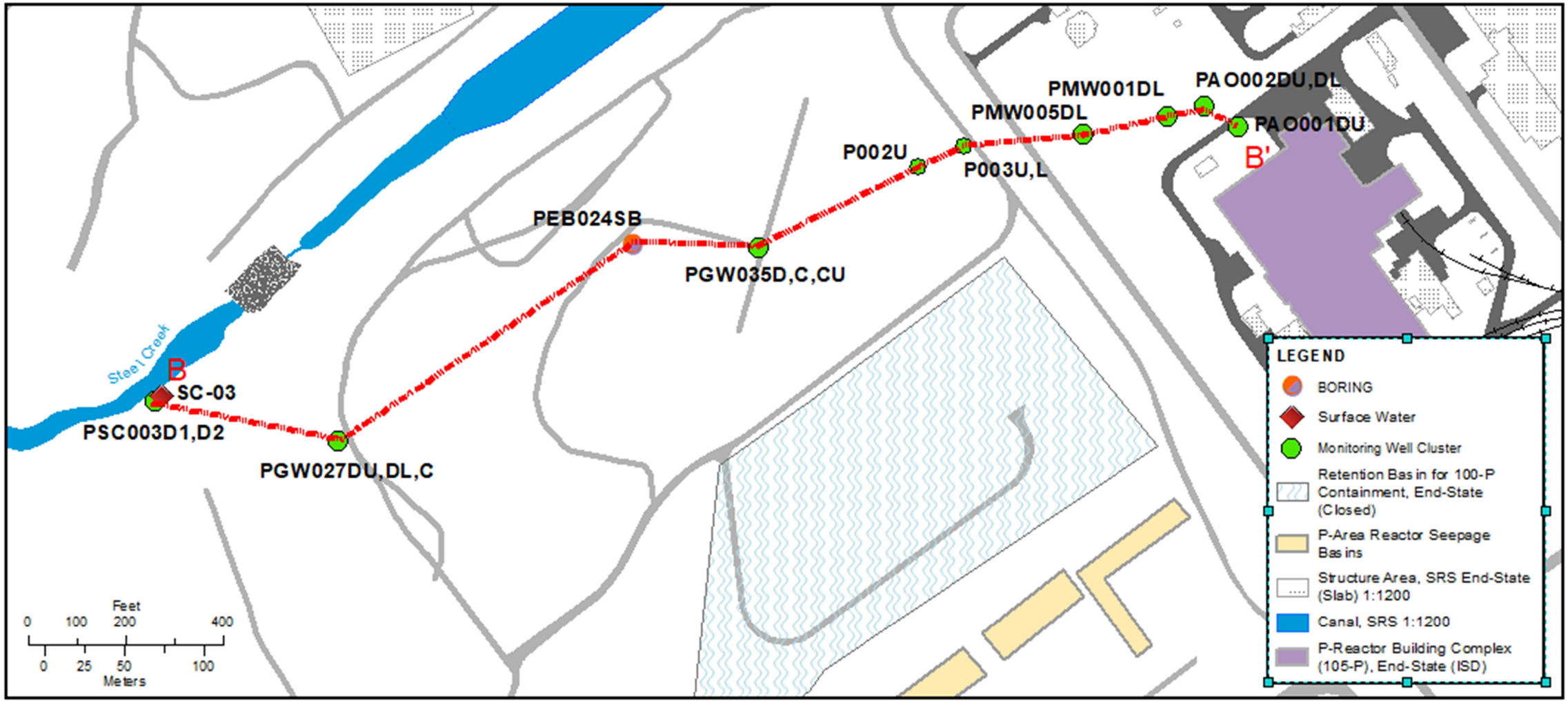


Figure 32. Trichloroethylene Cross-Section Trace

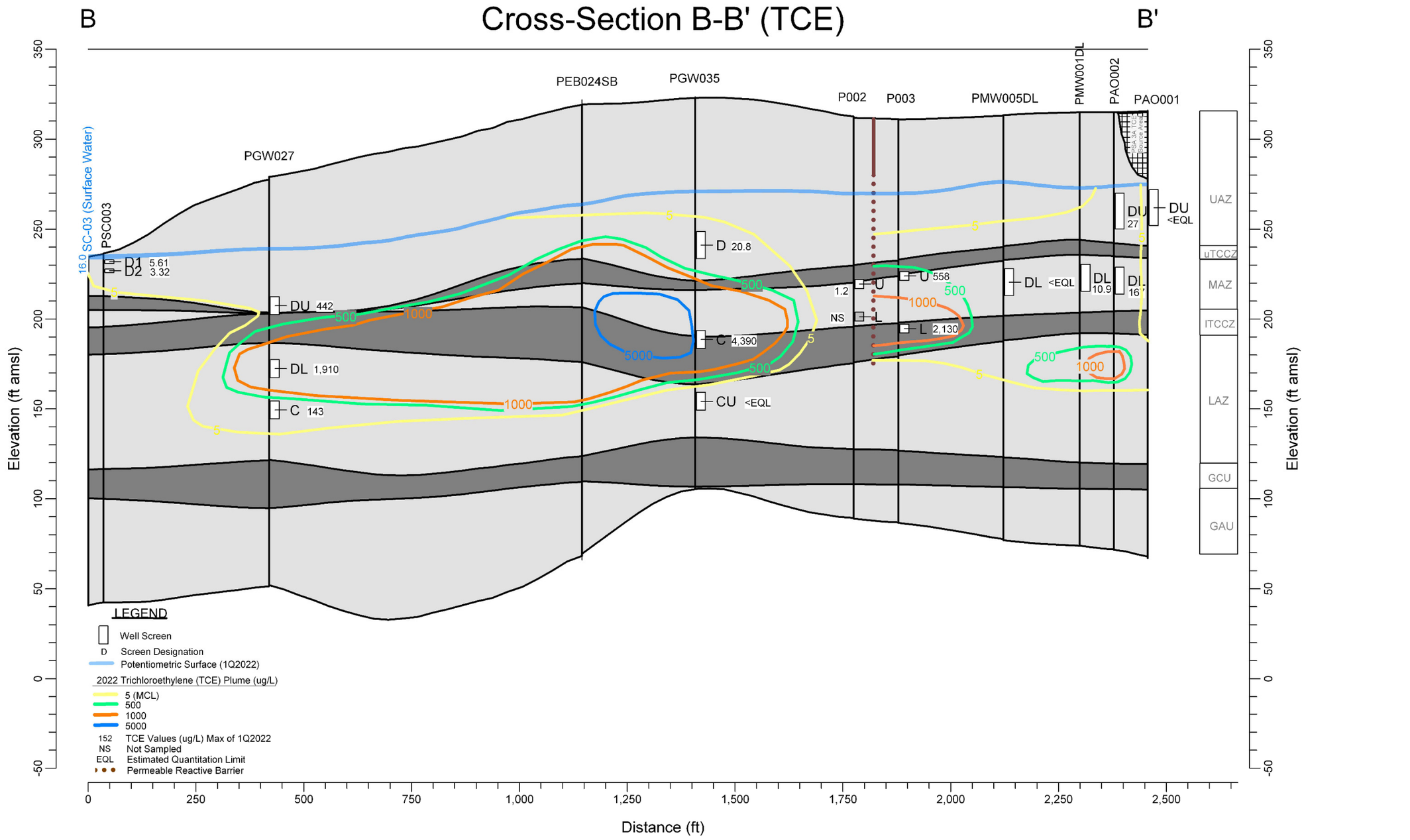


Figure 33. Cross-Section of the Trichloroethylene Plume in P Area

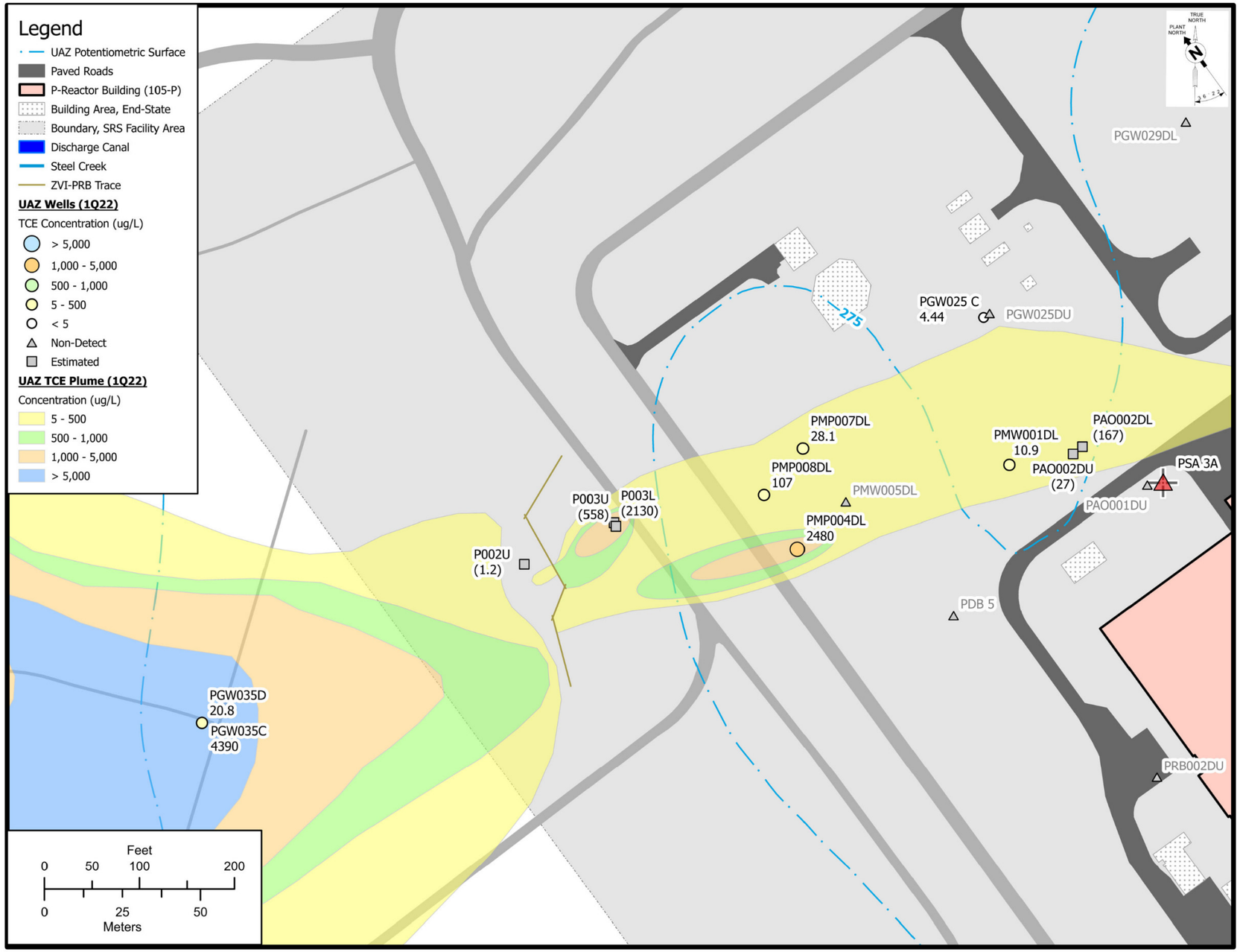


Figure 34. Upper Aquifer Zone Trichloroethylene Plume at Potential Source Area 3A

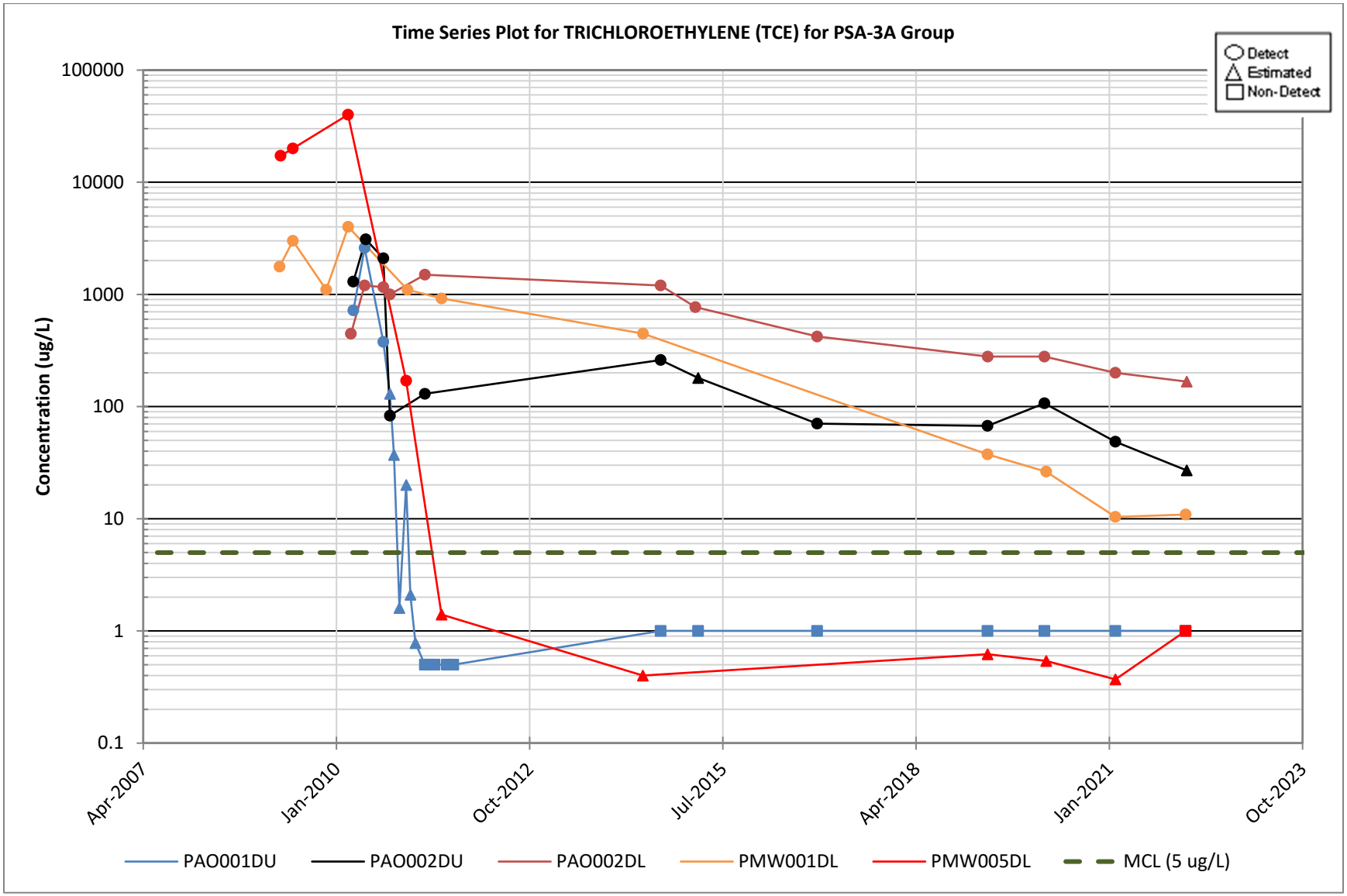


Figure 35. Time-Series Plots for Trichloroethylene at Upper Aquifer Zone Wells in the Vicinity of Potential Source Area 3A

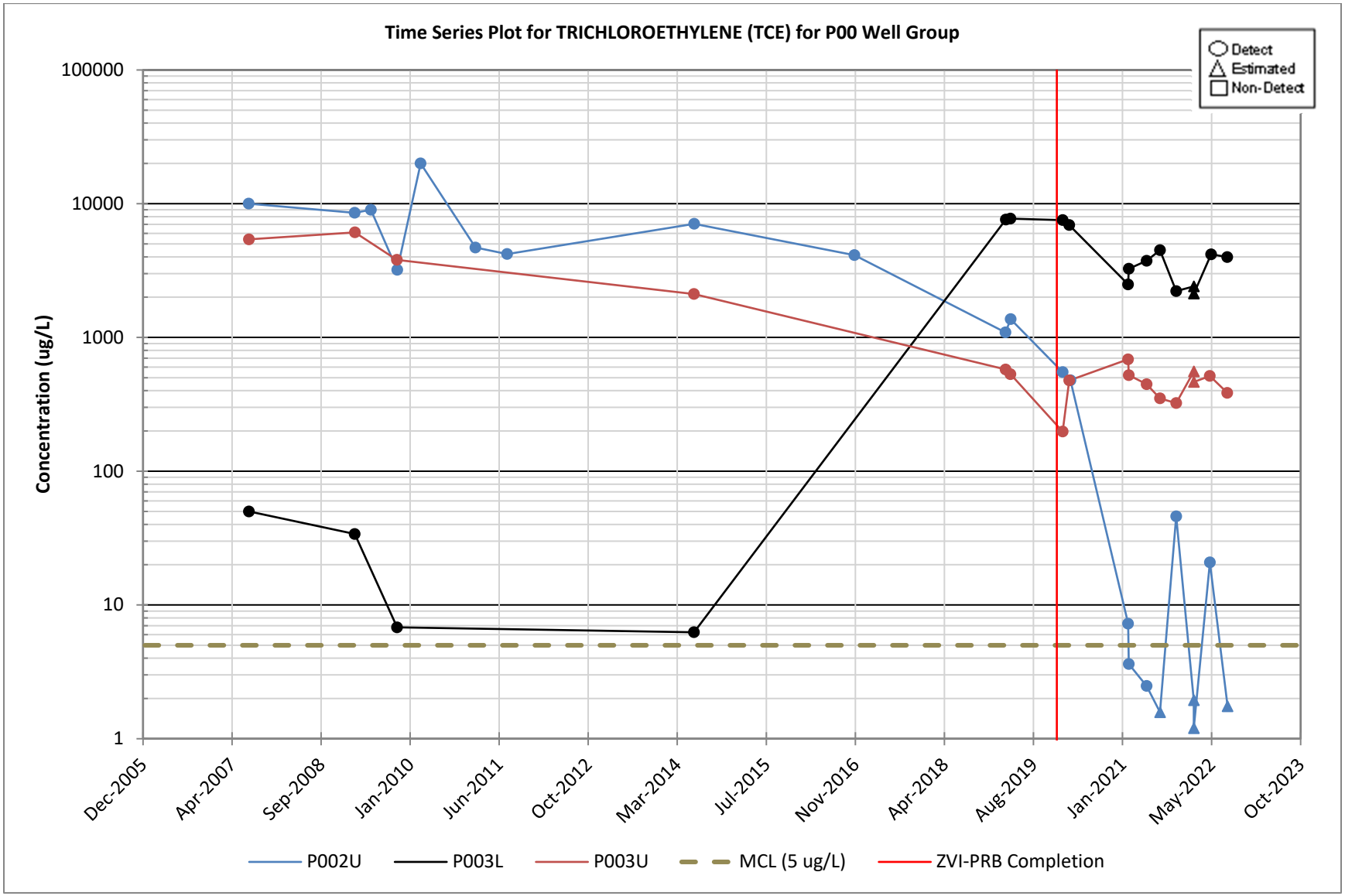


Figure 36. Time-Series Plots for Trichloroethylene at the Neck Area of the Upper Aquifer Zone Plume

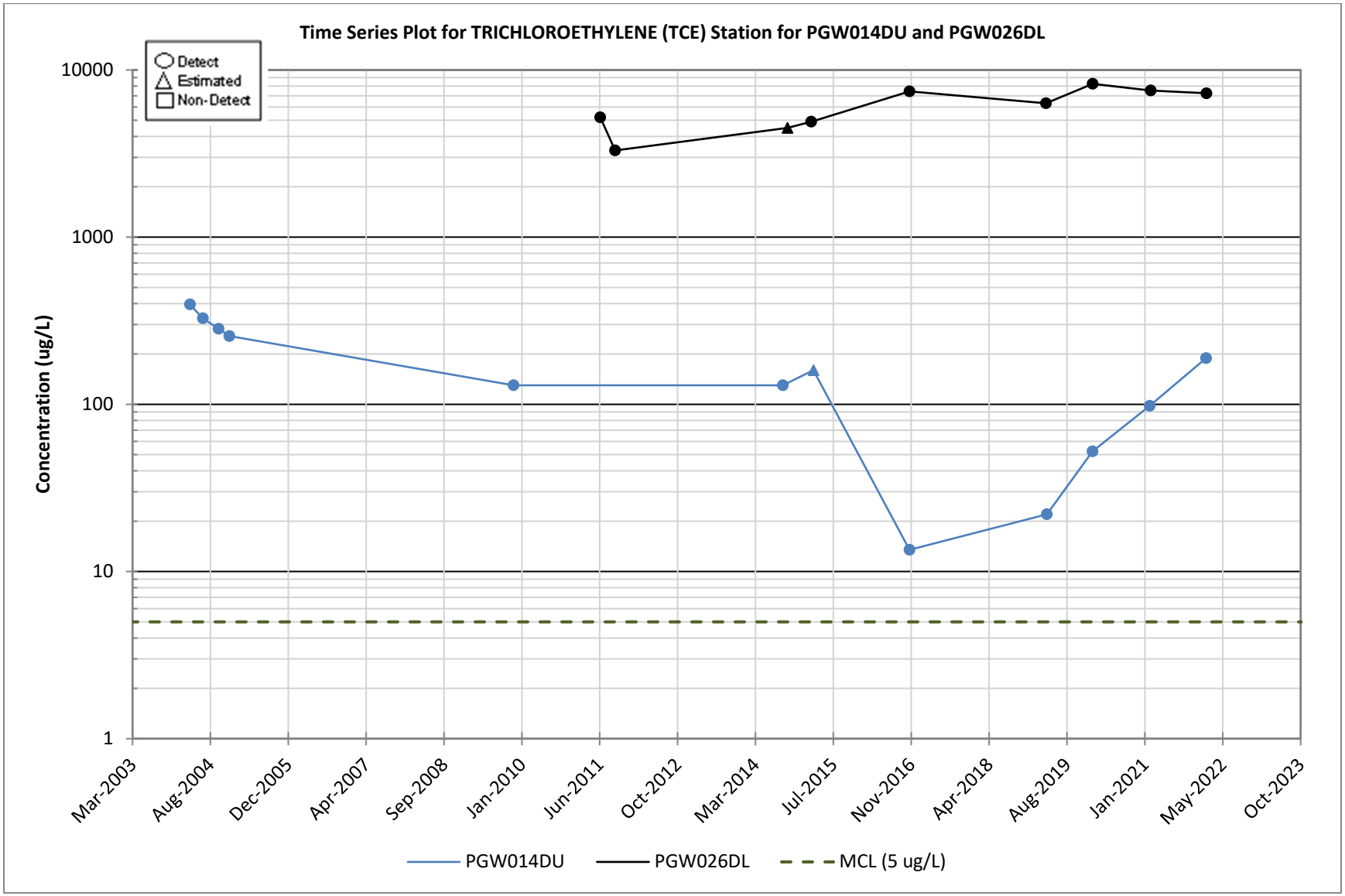


Figure 37. Time-Series Plots for Trichloroethylene at PGW014DU and PGW026DL

This page intentionally left blank.

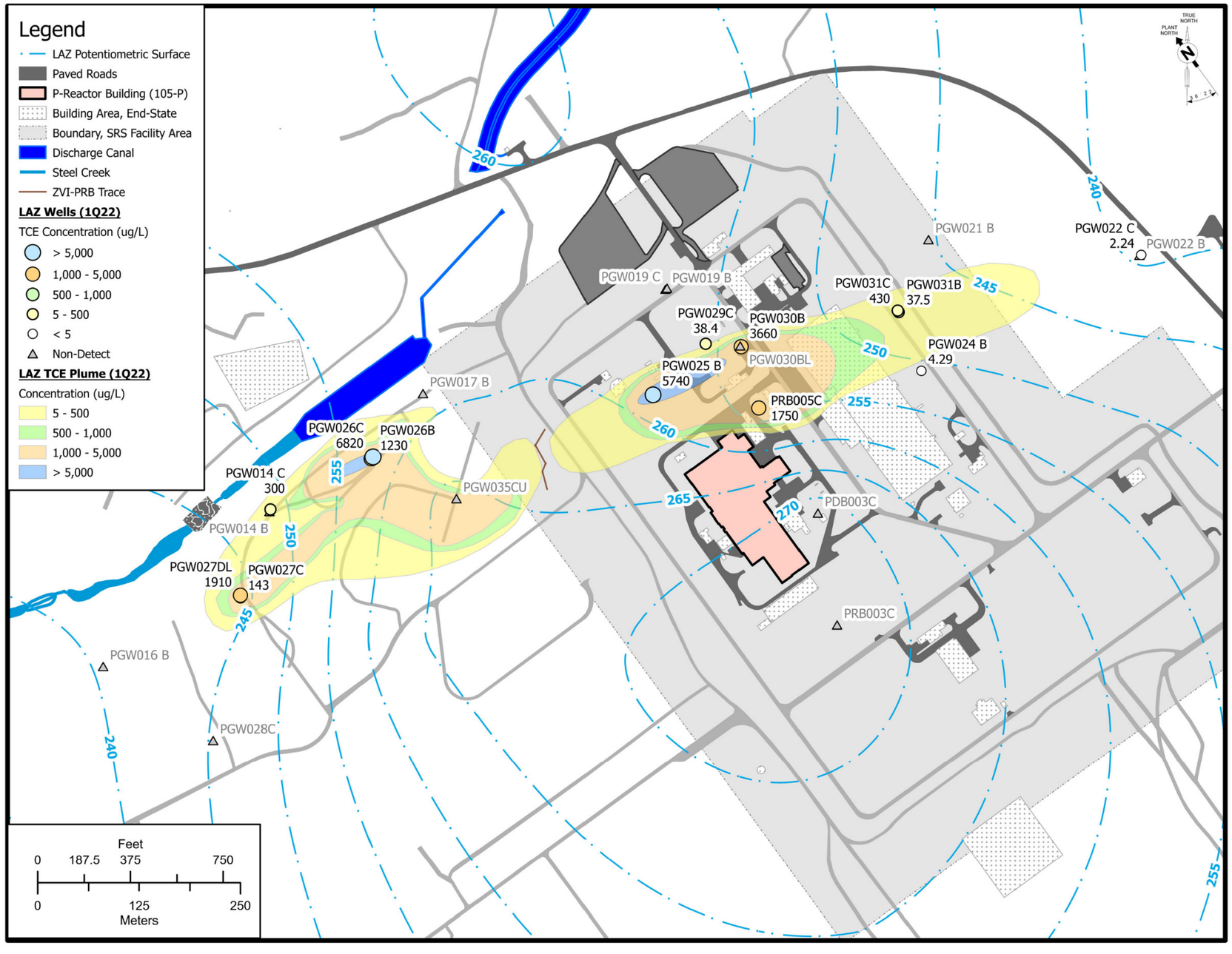


Figure 38. Lower Aquifer Zone Trichloroethylene Plume for the P-Area Groundwater Operable Unit

This page intentionally left blank.

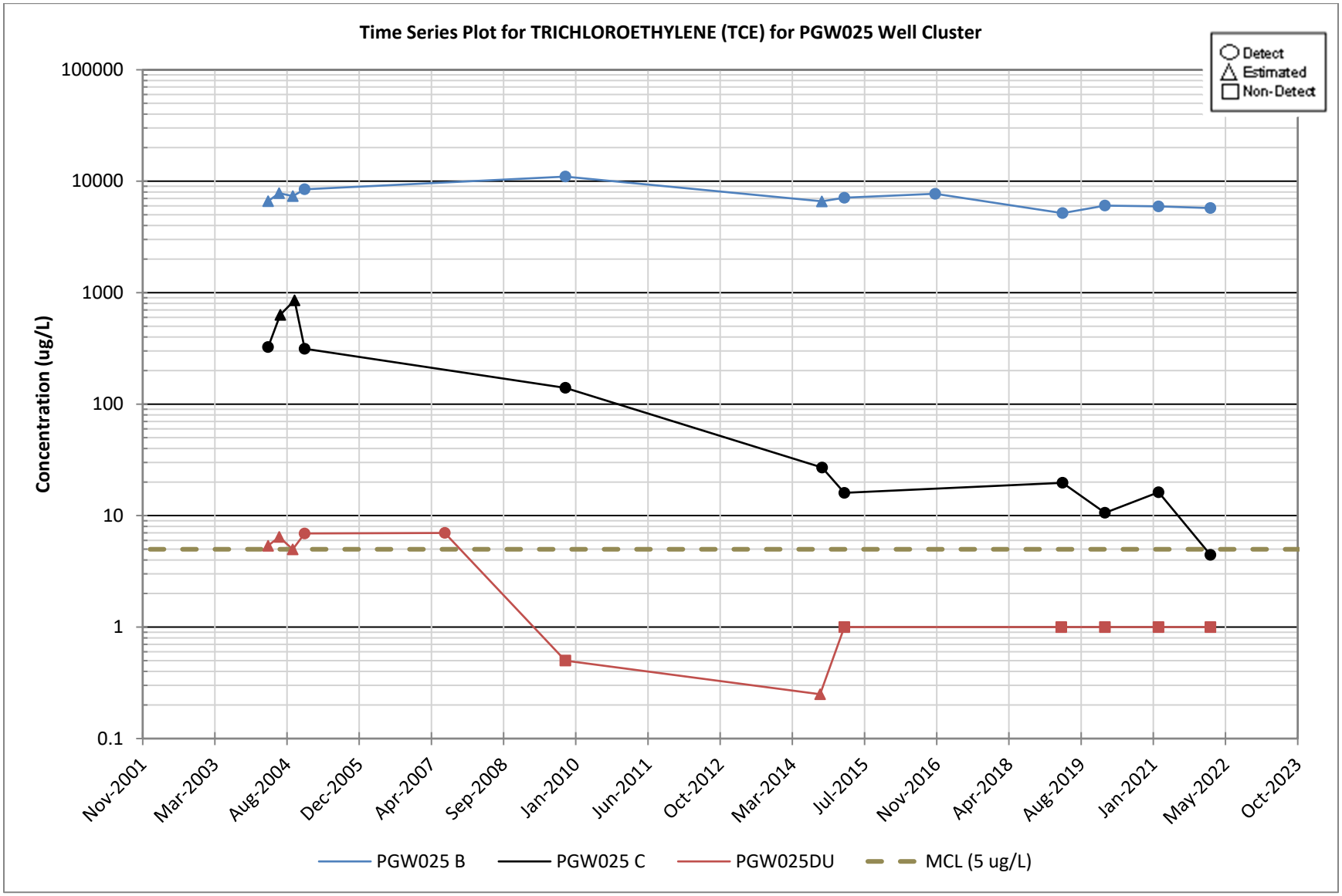


Figure 39. Time-Series Plots for Trichloroethylene at PGW025 Well Cluster

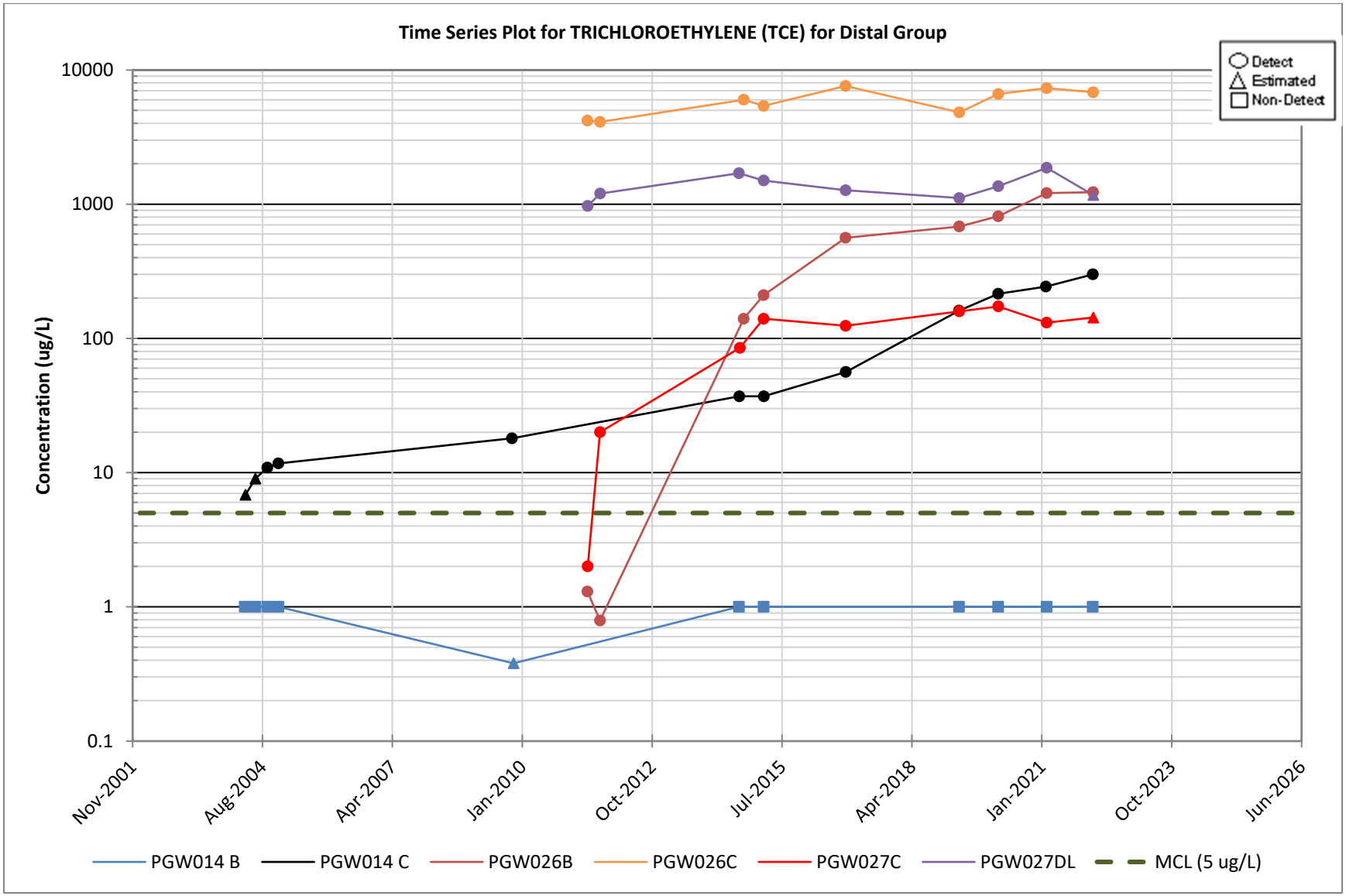


Figure 40. Time-Series Plots for Trichloroethylene at Distal Area Wells in the Lower Aquifer Zone

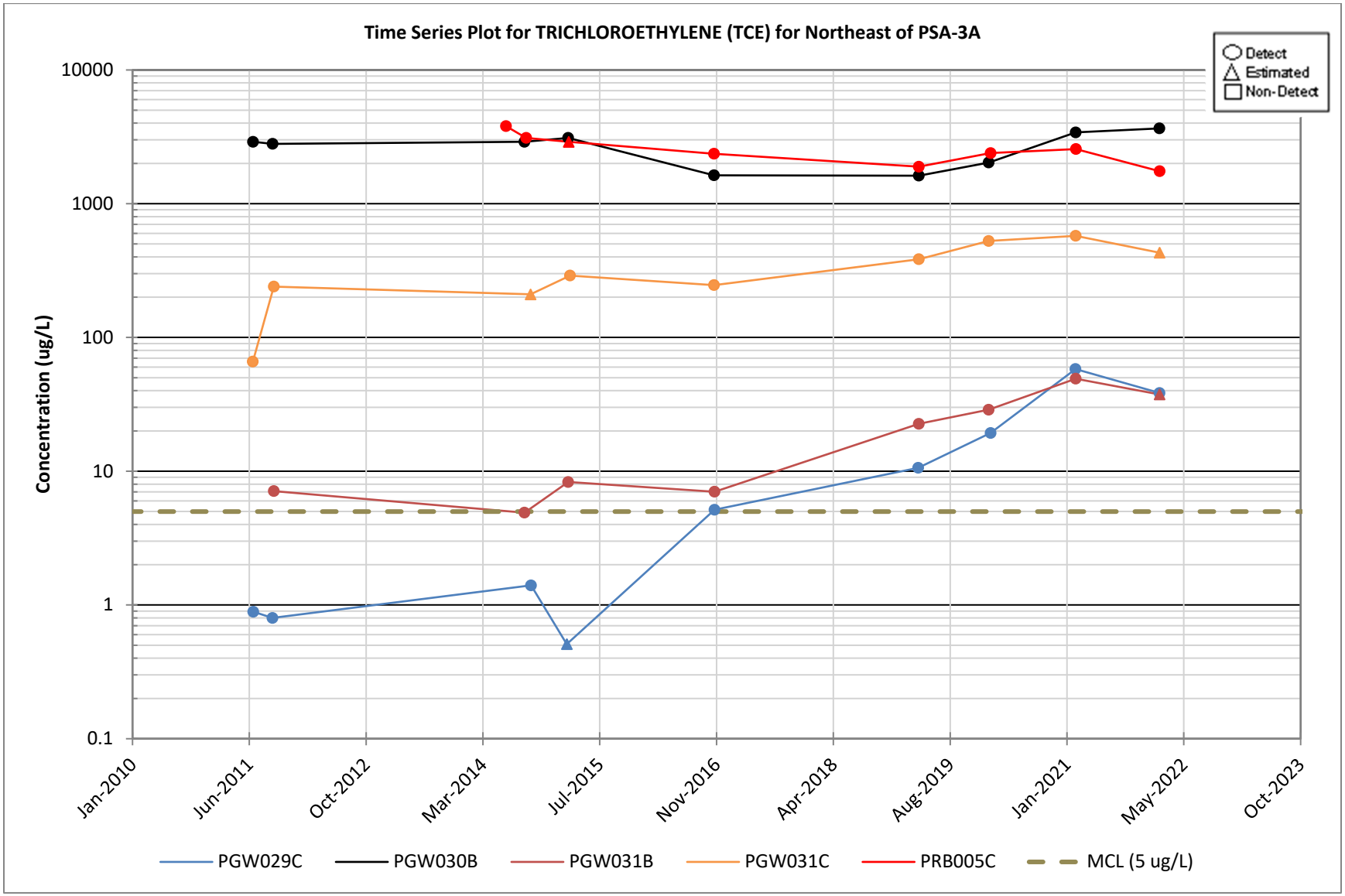


Figure 41. Time-Series Plots for Trichloroethylene in the Lower Aquifer Zone Northeast of Potential Source Area 3A

This page intentionally left blank.

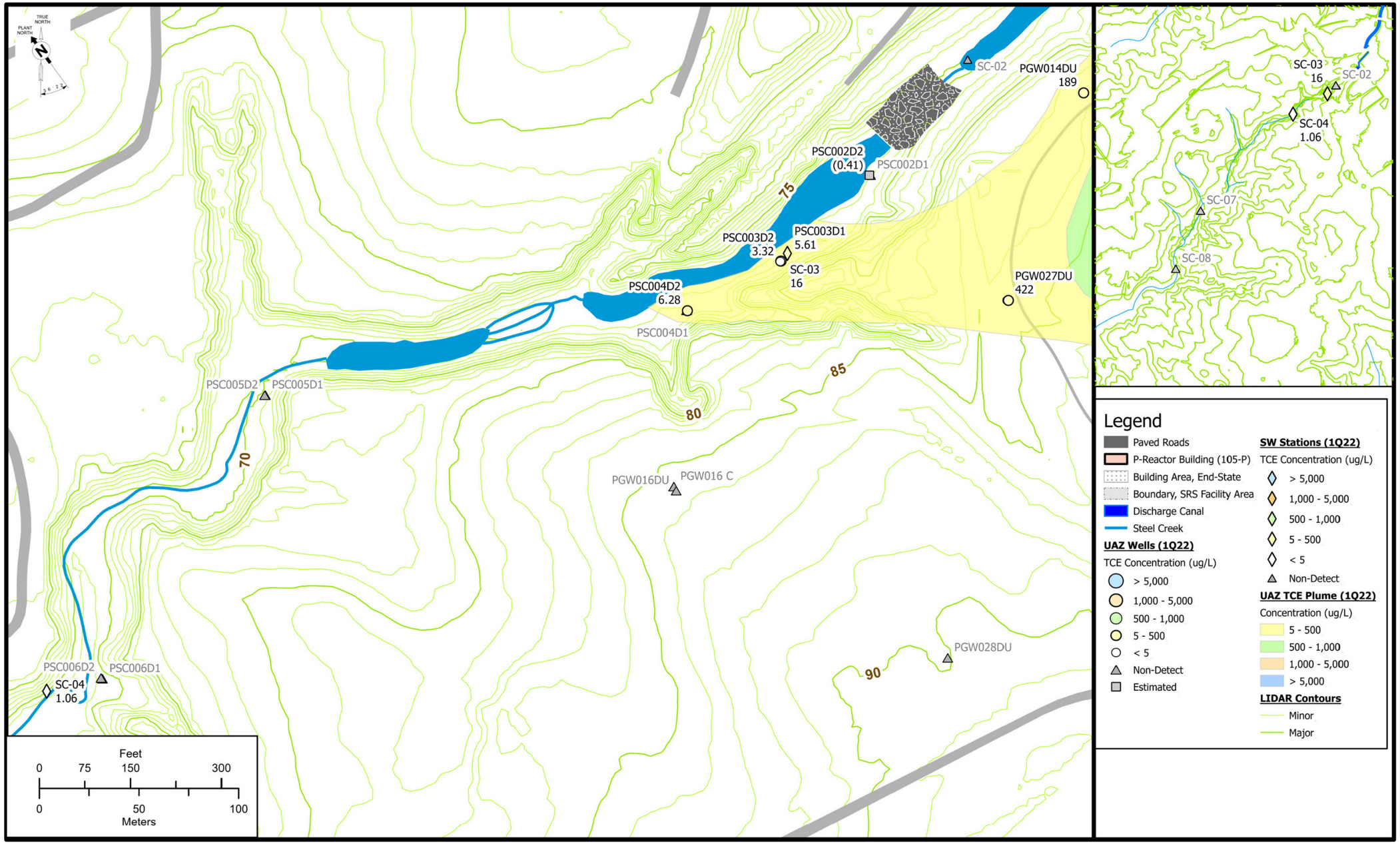


Figure 42. Surface Water and Shallow Well Station Locations for Trichloroethylene Surface Water Impact

This page intentionally left blank.

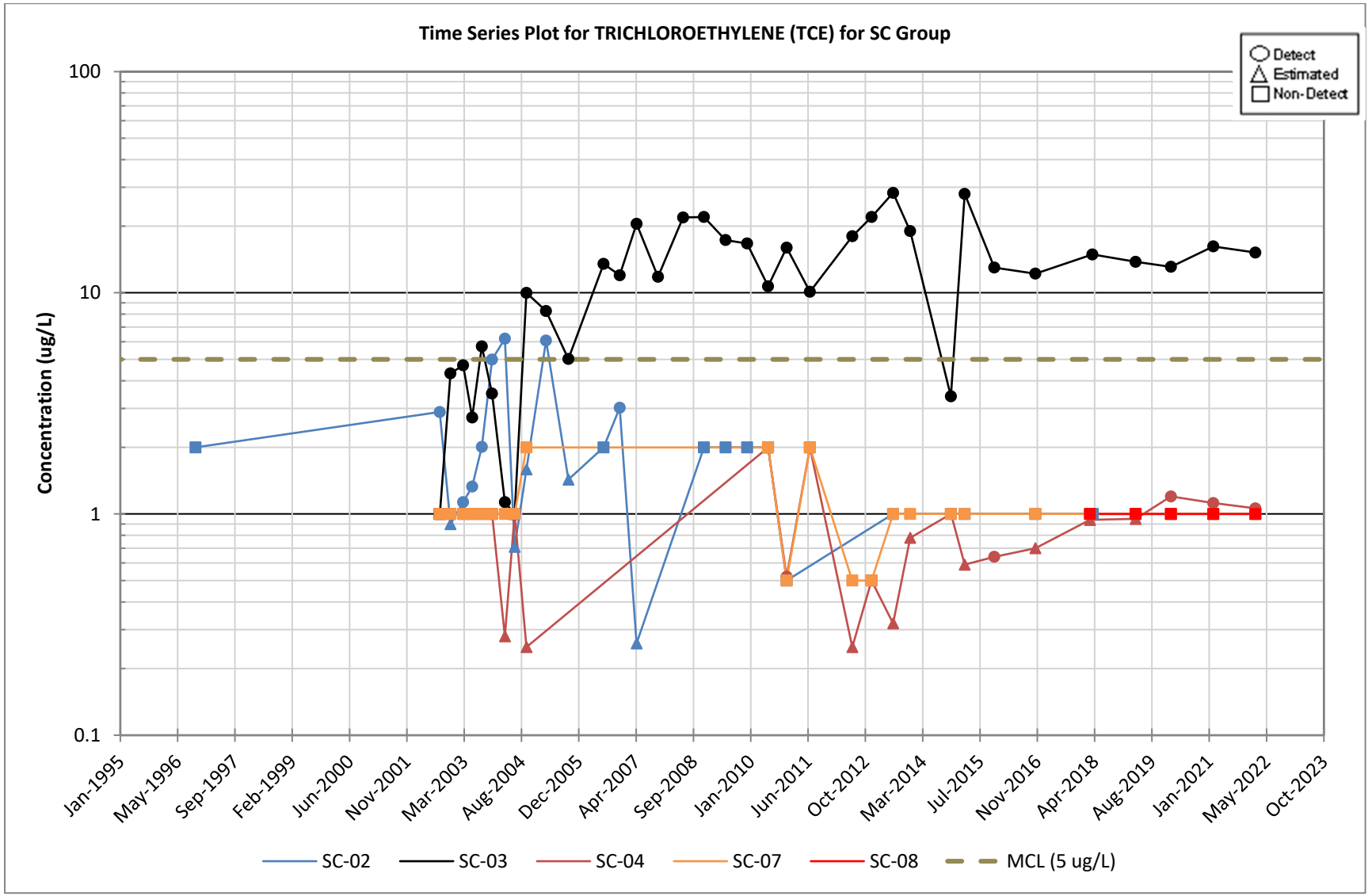


Figure 43. Time-Series Plots for Trichloroethylene at Surface Water Stations

This page intentionally left blank.

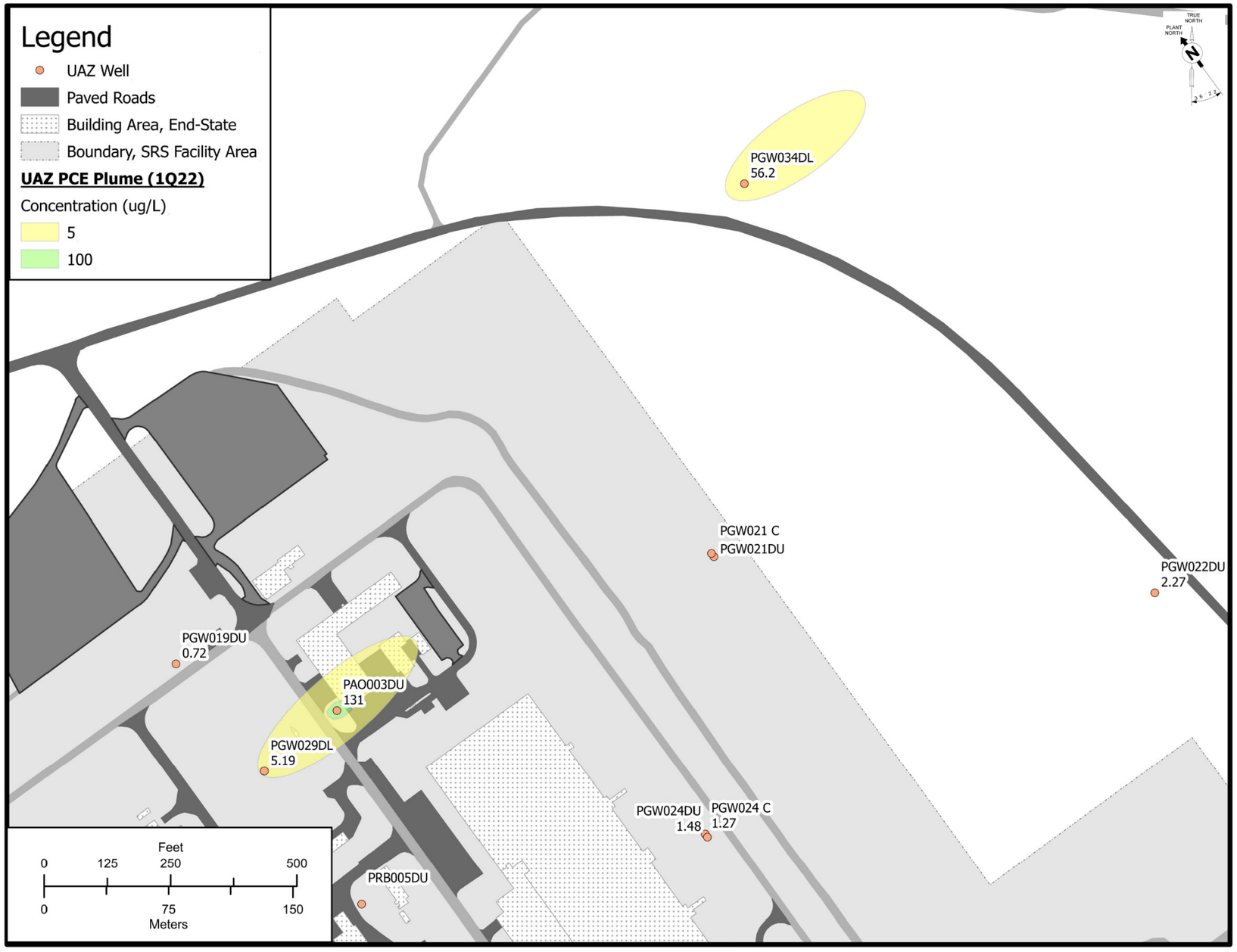


Figure 44. Upper Aquifer Zone PCE "Hot-Spot" at Groundwater Monitoring Well PGW034DL

This page intentionally left blank.

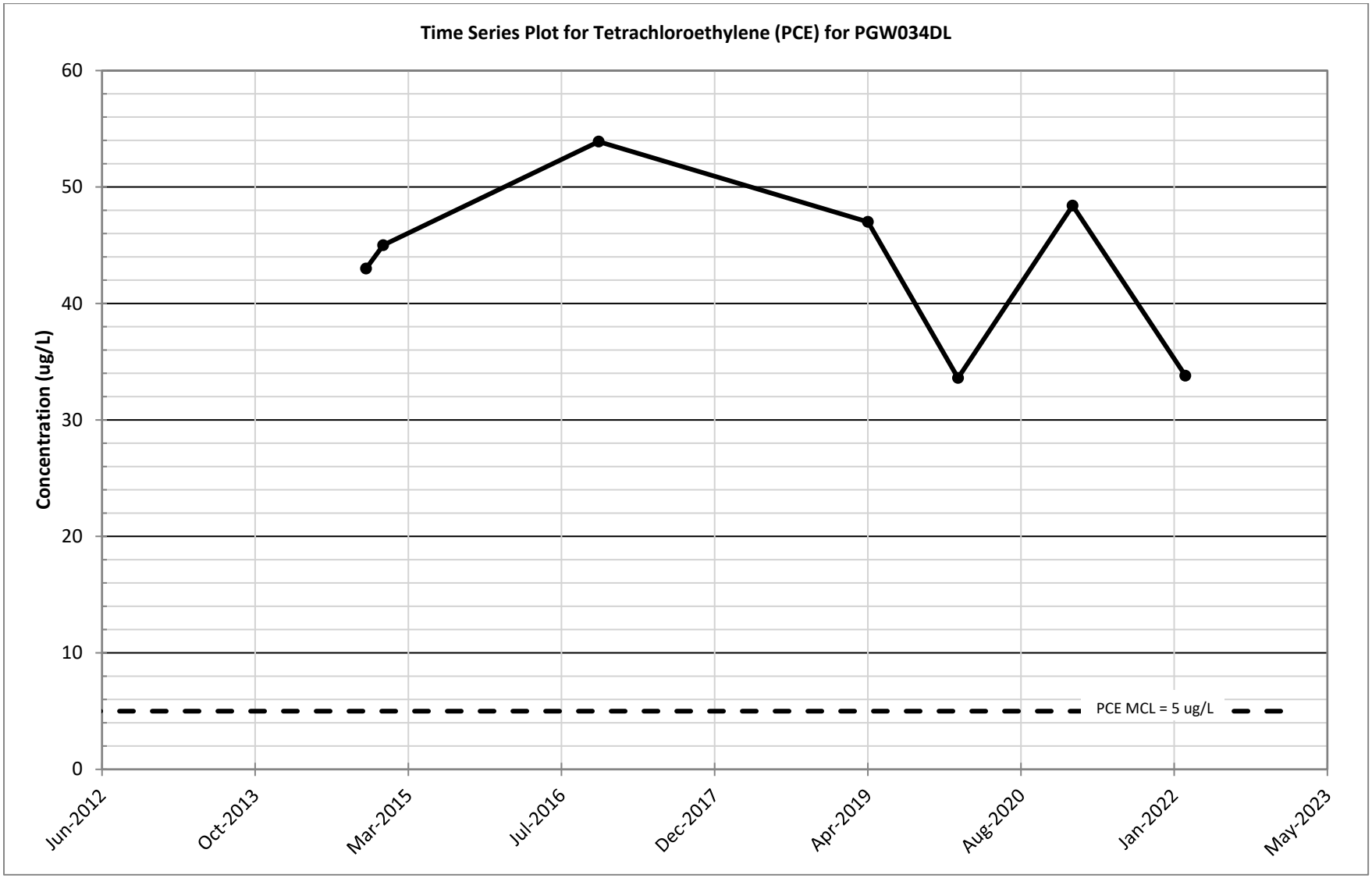


Figure 45. Time-Series Plot for PCE at PGW034DL

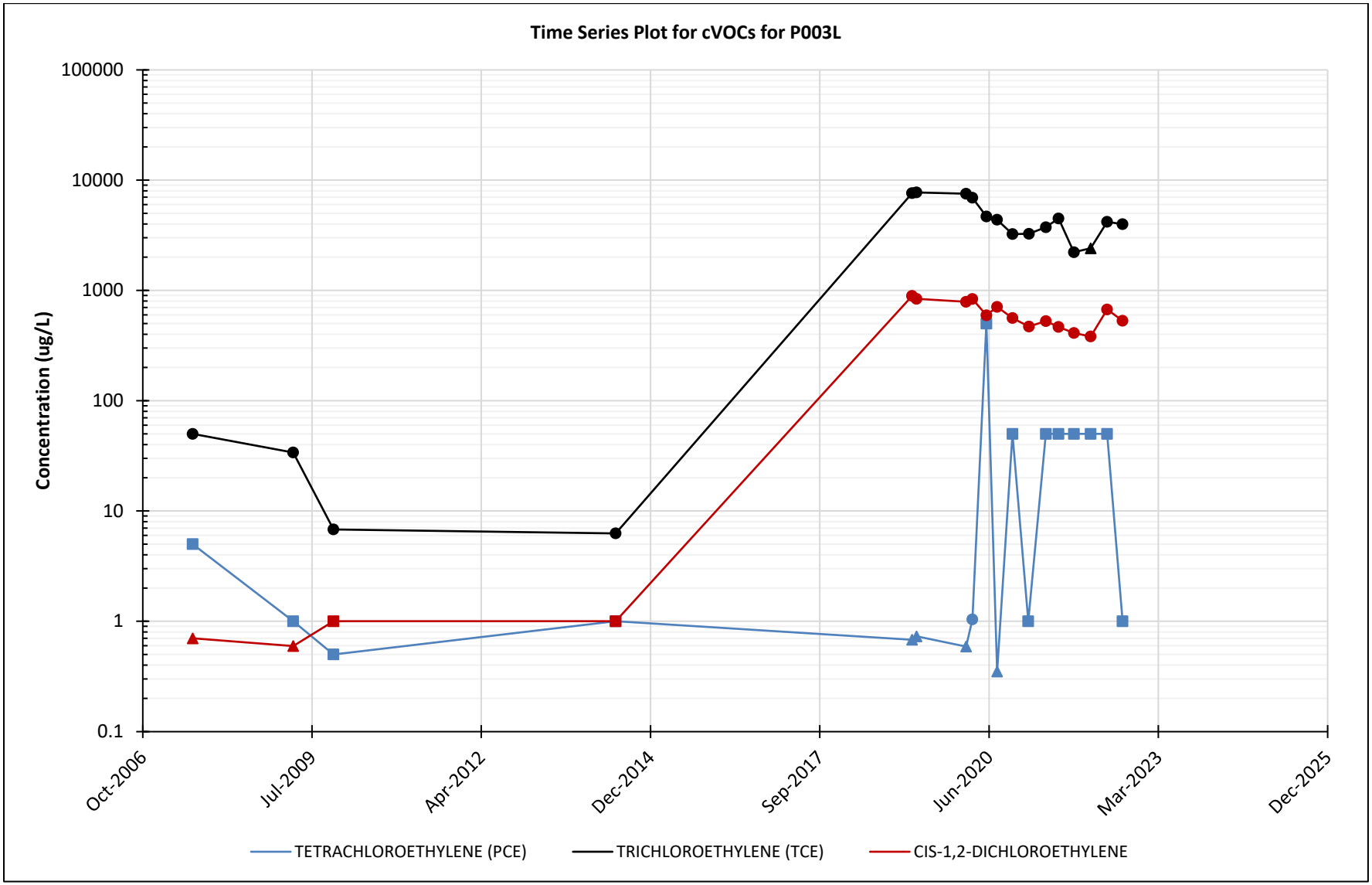


Figure 46. Time-Series Plots for cVOCs at P003L

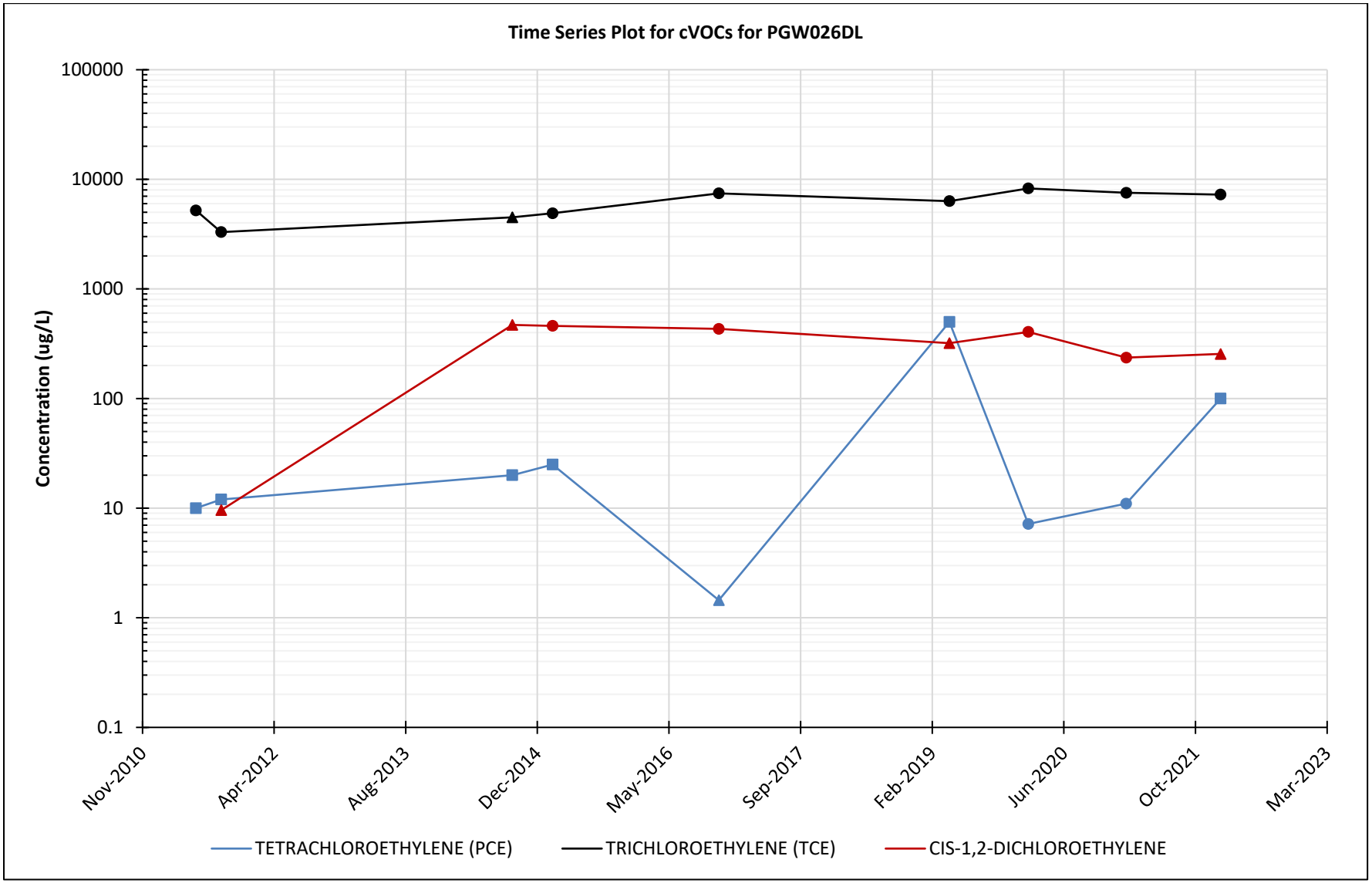


Figure 47. Time-Series Plots for cVOCs at PGW026DL

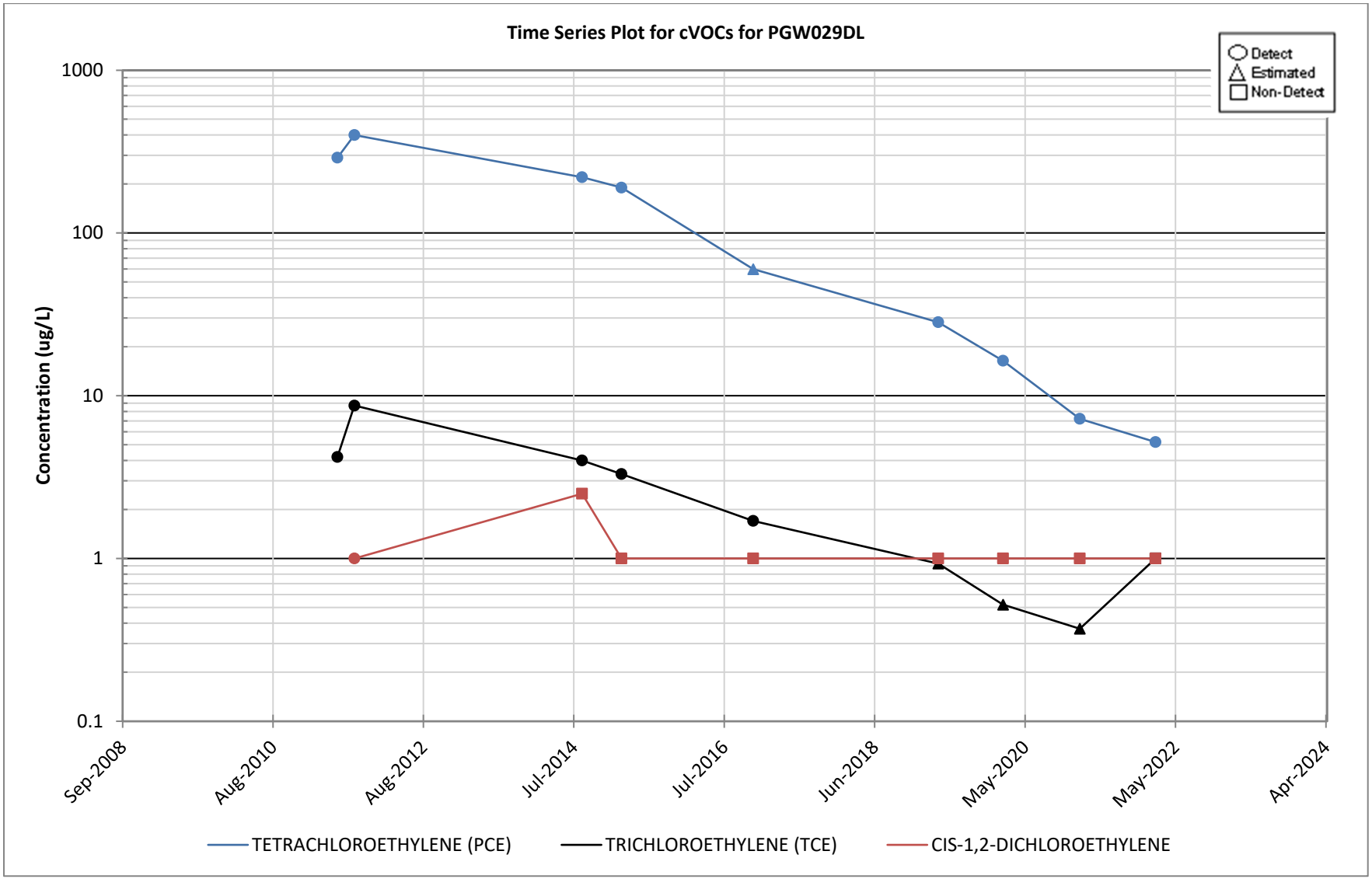


Figure 48. Time-Series Plots for cVOCs at PGW029DL

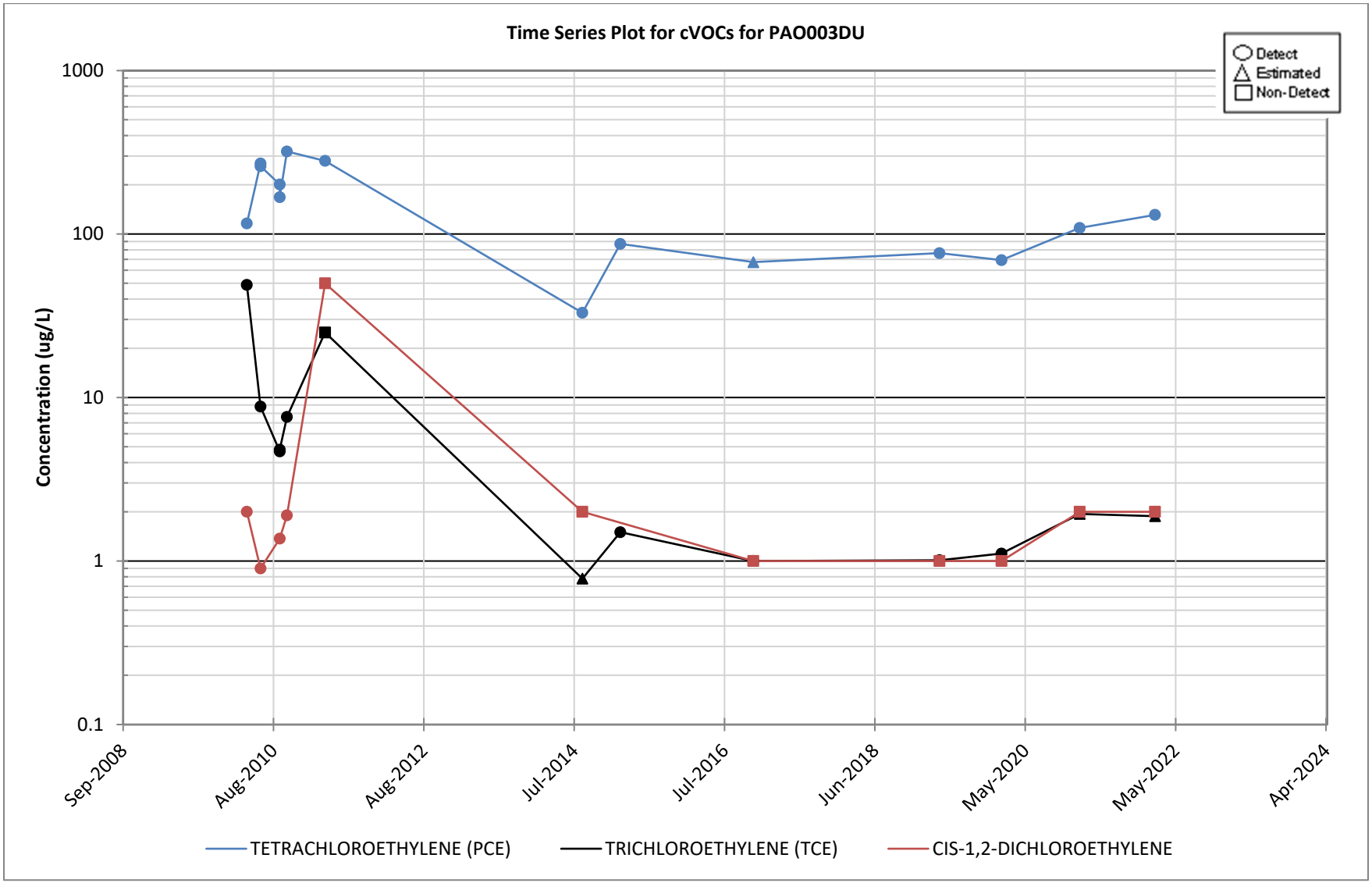


Figure 49. Time-Series Plots for cVOCs at PAO003DU

This page intentionally left blank.

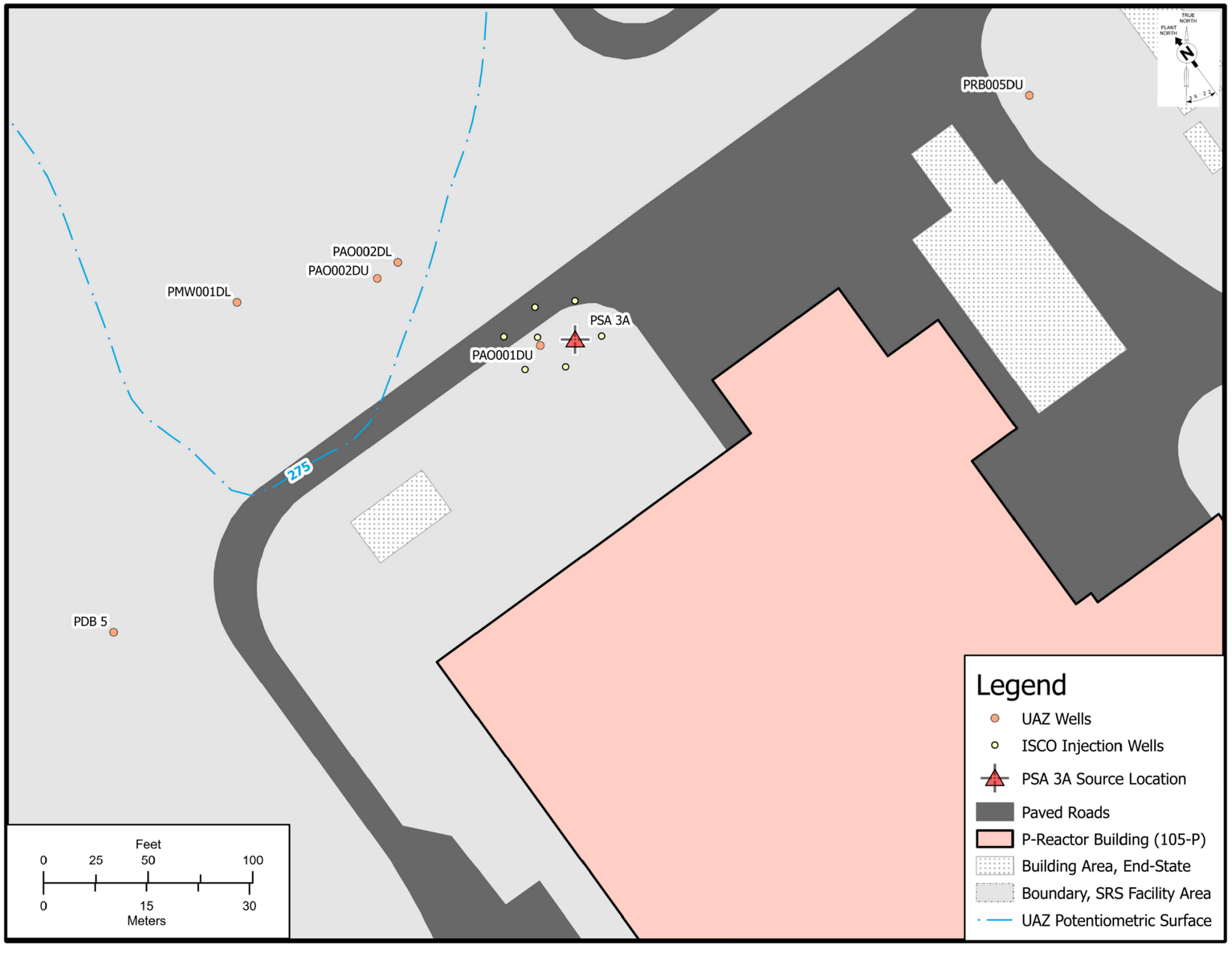


Figure 50. Location of In-Situ Chemical Oxidant Injections and Upper Aquifer Zone Monitoring Well PAO001DU

This page intentionally left blank.

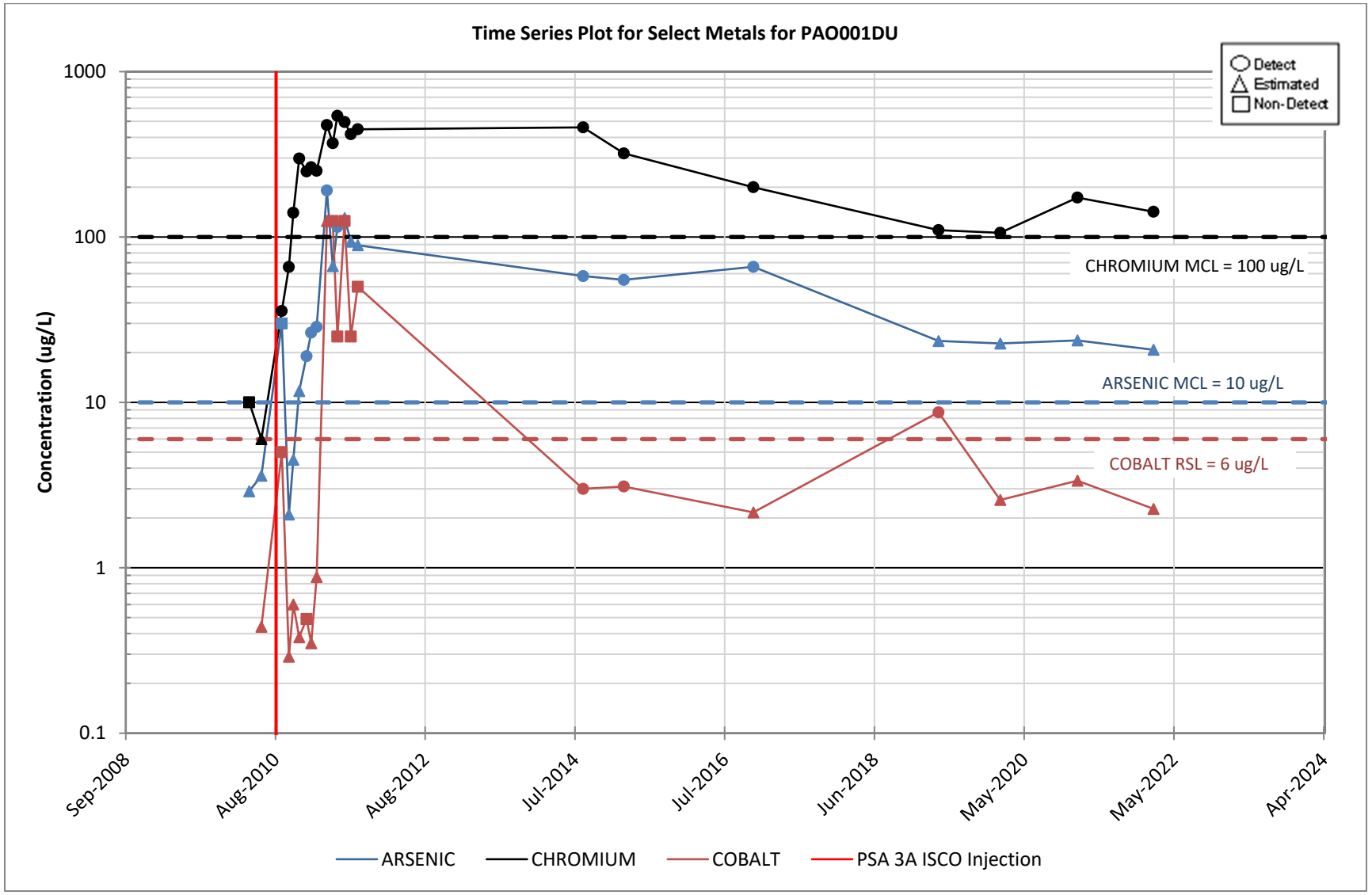


Figure 51. Time-Series Plot for Select Metals at PAO001DU

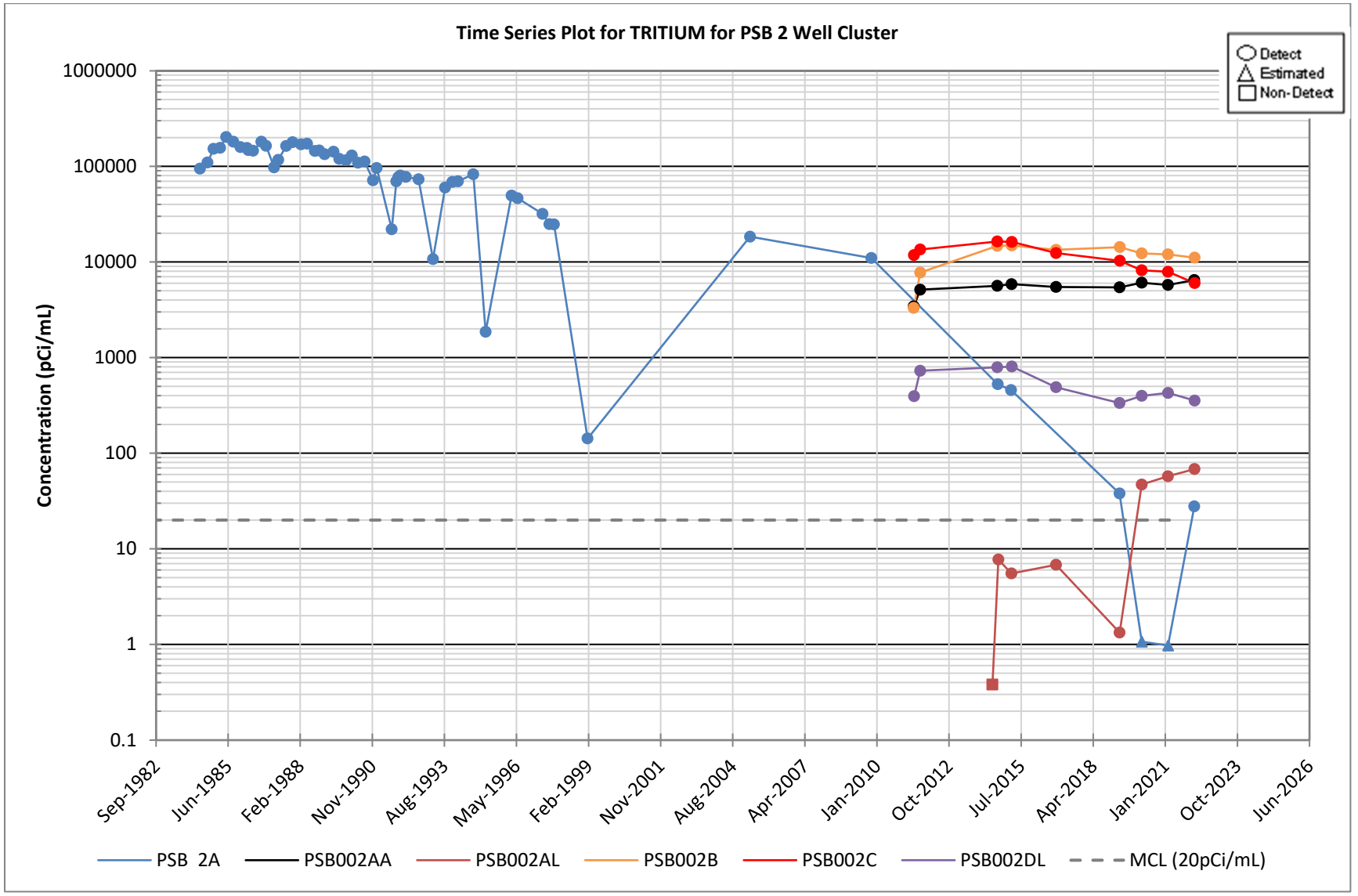


Figure 52. Time-Series Plots for Tritium at PSB 2 Well Group

Table 1. Monitoring Well Network for the P-Area Groundwater Operable Unit

Station ID	UTM NAD27		Station Type	Aquifer Designation	Screen Zone [ft amsl]	Analytes
	Easting	Northing				
P 24A	446390.100	3676715.98	Groundwater	GA	0.30 - 11.1	7
P 24B	446393.500	3676713.02	Groundwater	LAZ	85.9 - 95.9	7
P 24C	446397.000	3676709.92	Groundwater	LAZ	165.6 - 185.7	7
P 24D	446400.350	3676706.97	Groundwater	UAZ	250.4 - 270.4	7
P002U	445590.302	3676613.83	Groundwater	UAZ	221.01 - 226.01	1, 2, 6, 7
P003L	445619.078	3676627.09	Groundwater	UAZ	194.1 - 199.1	1, 2, 6, 7
P003U	445619.682	3676625.94	Groundwater	UAZ	223.44 - 228.44	1, 2, 6, 7
PAO001DU	445790.253	3676639.29	Groundwater	UAZ	254.44 - 274.44	1, 2, 4, 5, 6, 7
PAO002DL	445769.478	3676651.41	Groundwater	UAZ	216.48 - 231.48	1, 2, 4, 5, 6, 7
PAO002DU	445766.470	3676649.07	Groundwater	UAZ	252.85 - 272.85	1, 2, 4, 5, 6, 7
PAO003DU	445846.528	3676792.53	Groundwater	UAZ	254.9 - 274.9	1, 2, 7
PAS002D	447527.305	3675404.20	Groundwater	UAZ	187.96 - 197.96	7
PAS003D	447590.835	3674744.52	Groundwater	UAZ	174.84 - 184.84	7
PBP 1D	445739.865	3677173.22	Groundwater	UAZ	271.58 - 281.58	7
PBP 2D	445672.563	3677075.29	Groundwater	UAZ	265.3 - 275.3	7
PBP 3D	445687.704	3677132.31	Groundwater	UAZ	271.39 - 281.39	7
PCB 2A	446213.520	3676089.63	Groundwater	UAZ	260 - 290	7
PDB 2	445873.610	3676479.78	Groundwater	UAZ	250.56 - 271.56	1, 7
PDB 3	445916.450	3676521.94	Groundwater	UAZ	250.74 - 271.74	1, 7
PDB 4	445854.620	3676444.10	Groundwater	UAZ	268.64 - 288.64	7
PDB 5	445728.080	3676597.53	Groundwater	UAZ	266.59 - 286.59	1, 2, 7
PDB003C	445938.943	3676546.01	Groundwater	LAZ	179.72 - 189.72	1, 2, 7
PGW014 A	445261.245	3676546.09	Groundwater	GA	-3.23 - 6.77	7
PGW014 B	445262.514	3676547.92	Groundwater	LAZ	122.72 - 132.72	1, 2, 7
PGW014 C	445263.779	3676549.86	Groundwater	LAZ	177.8 - 187.8	1, 2, 7
PGW014DU	445264.871	3676551.67	Groundwater	UAZ	202.79 - 212.79	1, 2, 7
PGW015 A	444792.999	3677071.90	Groundwater	GA	24.14 - 34.14	7
PGW015 B	444790.539	3677070.82	Groundwater	LAZ	151.61 - 161.61	7
PGW015 C	444793.797	3677069.35	Groundwater	LAZ	177.06 - 187.06	7
PGW015DU	444791.522	3677068.33	Groundwater	UAZ	208.95 - 218.95	7
PGW016 B	445057.644	3676357.17	Groundwater	LAZ	129.31 - 139.31	1, 2, 7
PGW016 C	445058.987	3676354.34	Groundwater	UAZ	197.71 - 207.71	1, 2, 7
PGW016DU	445060.164	3676352.26	Groundwater	UAZ	231.91 - 241.91	1, 2, 7
PGW017 B	445452.052	3676693.51	Groundwater	LAZ	153.03 - 163.03	1, 2, 7
PGW017 C	445453.828	3676694.95	Groundwater	UAZ	188.01 - 198.01	1, 2, 7
PGW017DU	445455.750	3676696.35	Groundwater	UAZ	248.14 - 258.14	1, 2, 7
PGW018 B	445435.756	3676151.77	Groundwater	LAZ	141.19 - 151.19	1, 5, 7
PGW018 C	445437.287	3676149.72	Groundwater	UAZ	187.34 - 197.34	1, 2, 7
PGW018DU	445434.252	3676153.99	Groundwater	UAZ	247.51 - 257.51	1, 2, 7
PGW019 B	445751.189	3676822.17	Groundwater	LAZ	160.85 - 170.85	1, 2, 7
PGW019 C	445753.154	3676823.57	Groundwater	LAZ	180.65 - 190.65	1, 2, 7
PGW019DU	445749.261	3676820.73	Groundwater	UAZ	215.37 - 225.37	1, 2, 7
PGW-01A	445526.926	3677263.87	Groundwater	GA	85.02 - 95.03	7
PGW-01B	445523.413	3677263.73	Groundwater	LAZ	152.73 - 162.73	7
PGW-01C	445534.086	3677264.18	Groundwater	LAZ	178.87 - 188.87	7
PGW-01DL	445530.817	3677264.07	Groundwater	UAZ	219.94 - 229.94	7
PGW020 B	445820.753	3676412.81	Groundwater	LAZ	153.17 - 163.17	7
PGW020 C	445822.201	3676410.93	Groundwater	LAZ	183.07 - 193.07	7
PGW020DU	445823.614	3676409.09	Groundwater	UAZ	228.04 - 238.04	7
PGW021 B	446075.325	3676883.52	Groundwater	LAZ	159.51 - 169.51	1, 2, 7
PGW021 C	446073.879	3676885.56	Groundwater	UAZ	199.51 - 209.51	1, 2, 7
PGW021DU	446072.401	3676887.53	Groundwater	UAZ	215.51 - 225.51	1, 2, 7
PGW022 B	446335.496	3676864.15	Groundwater	LAZ	148.32 - 158.32	1, 2, 7
PGW022 C	446337.730	3676863.93	Groundwater	LAZ	183.46 - 193.46	1, 2, 7
PGW022DU	446339.988	3676863.73	Groundwater	UAZ	213.73 - 223.73	1, 2, 3, 7
PGW023 B	446472.472	3676725.74	Groundwater	LAZ	169.16 - 179.16	7
PGW023 C	446470.618	3676724.36	Groundwater	UAZ	208.92 - 218.92	7
PGW023DU	446468.717	3676723.09	Groundwater	UAZ	253.54 - 263.54	7
PGW024 A	446065.244	3676722.78	Groundwater	GA	62.34 - 72.34	7
PGW024 B	446066.558	3676720.88	Groundwater	LAZ	172.49 - 182.49	1, 2, 7
PGW024 C	446068.636	3676717.87	Groundwater	UAZ	212.44 - 222.44	1, 2, 7
PGW024DU	446069.939	3676716.03	Groundwater	UAZ	252.51 - 262.51	1, 2, 7
PGW025 A	445734.067	3676689.86	Groundwater	GA	35.83 - 45.83	7
PGW025 B	445735.867	3676691.32	Groundwater	LAZ	160.74 - 170.74	1, 2, 7

Table 1. Monitoring Well Network for the P-Area Groundwater Operable Unit *(Continued)*

Station ID	UTM NAD27		Station Type	Aquifer Designation	Screen Zone [ft amsl]	Analytes
	Easting	Northing				
PGW025 C	445737.766	3676692.85	Groundwater	UAZ	196.01 - 206.01	1, 2, 7
PGW025DU	445739.676	3676694.32	Groundwater	UAZ	216.09 - 226.09	1, 2, 7
PGW026B	445388.407	3676612.47	Groundwater	LAZ	121.98 - 131.99	1, 2, 7
PGW026C	445390.389	3676614.66	Groundwater	LAZ	151.97 - 161.97	1, 2, 7
PGW026DL	445391.493	3676616.00	Groundwater	UAZ	196.81 - 206.81	1, 2, 7
PGW027C	445227.206	3676441.83	Groundwater	LAZ	147.28 - 157.29	1, 2, 7
PGW027DL	445227.073	3676444.44	Groundwater	LAZ	170.25 - 180.26	1, 2, 7
PGW027DU	445226.969	3676447.38	Groundwater	UAZ	205.09 - 215.09	1, 2, 7
PGW028C	445193.279	3676265.80	Groundwater	LAZ	177.07 - 187.07	1, 2, 7
PGW028DU	445196.587	3676268.25	Groundwater	UAZ	219.21 - 229.21	1, 2, 7
PGW029C	445800.553	3676754.31	Groundwater	LAZ	180.18 - 190.19	1, 2, 7
PGW029DL	445802.651	3676755.73	Groundwater	UAZ	222.03 - 232.03	1, 2, 7
PGW-02A	443783.152	3675635.89	Groundwater	GA	32.15 - 42.16	7
PGW-02C	443783.406	3675633.21	Groundwater	LAZ	157.68 - 167.71	7
PGW-02CU	443779.705	3675632.70	Groundwater	LAZ	178.88 - 188.88	7
PGW-02DL	443783.481	3675630.36	Groundwater	UAZ	196.28 - 206.29	7
PGW030B	445844.450	3676750.65	Groundwater	LAZ	180.59 - 190.61	1, 2, 7
PGW030BL	445843.280	3676752.36	Groundwater	LAZ	155.81 - 165.82	1, 2, 7
PGW031B	446038.977	3676793.40	Groundwater	LAZ	158.15 - 168.15	1, 2, 7
PGW031C	446037.742	3676795.25	Groundwater	LAZ	181.22 - 191.22	1, 2, 7
PGW033A	445831.993	3676320.49	Groundwater	GA	98.84 - 108.94	1, 7
PGW034DL	446092.356	3677110.74	Groundwater	UAZ	204.52 - 214.52	1, 2, 7
PGW035C	445504.332	3676598.00	Groundwater	LAZ	186.68 - 196.68	1, 2, 7
PGW035CU	445493.455	3676563.81	Groundwater	LAZ	149.41 - 159.38	7
PGW035D	445504.332	3676598.00	Groundwater	UAZ	236.65 - 251.67	1, 2, 7
PGW-03A	445988.766	3676038.45	Groundwater	GA	87.85 - 97.86	1, 7
PGW-03B	445990.873	3676040.06	Groundwater	LAZ	133.85 - 143.87	7
PGW-03C	445992.960	3676041.54	Groundwater	LAZ	167.73 - 177.73	7
PGW-03DL	445995.213	3676043.11	Groundwater	UAZ	215.3 - 225.3	7
PGW-04A	444800.626	3675999.23	Groundwater	GA	84.23 - 94.27	7
PGW-04B	444802.971	3676000.82	Groundwater	LAZ	118.64 - 128.66	7
PGW-04C	444805.210	3676002.71	Groundwater	LAZ	167.24 - 177.25	7
PGW-04DL	444807.539	3676004.49	Groundwater	UAZ	205.34 - 215.35	7
PGW-05A	447908.324	3675686.81	Groundwater	GA	1.92 - 11.94	7
PGW-05B	447906.432	3675688.79	Groundwater	LAZ	52.89 - 62.92	7
PGW-05C	447904.612	3675690.67	Groundwater	LAZ	139.49 - 149.56	7
PGW-06A	446841.329	3676941.76	Groundwater	GA	60.13 - 70.13	7
PGW-06B	446840.001	3676938.87	Groundwater	GA	101.58 - 111.61	7
PGW-06C	446843.701	3676947.40	Groundwater	LAZ	146.87 - 156.88	7
PGW-06DL	446844.911	3676950.25	Groundwater	UAZ	199.7 - 209.72	7
PGW-07A	445792.687	3677017.05	Groundwater	GA	108.7 - 118.7	7
PGW-07B	445793.988	3677014.64	Groundwater	LAZ	158.79 - 168.79	7
PGW-07C	445795.512	3677012.13	Groundwater	LAZ	183.29 - 193.29	7
PGW-07DL	445796.931	3677009.51	Groundwater	UAZ	223.89 - 233.89	7
PGW-08A	444599.681	3675111.85	Groundwater	LAZ	62.25 - 72.27	7
PGW-08B	444599.373	3675109.07	Groundwater	LAZ	121.17 - 131.2	7
PGW-08C	444599.168	3675106.24	Groundwater	LAZ	180.55 - 190.57	7
PGW-08DL	444599.010	3675103.30	Groundwater	UAZ	216.37 - 226.4	7
PGW-09A	445284.403	3674419.21	Groundwater	GA	25.96 - 35.98	7
PGW-09B	445284.592	3674421.79	Groundwater	LAZ	113.91 - 123.93	7
PGW-09C	445288.056	3674424.54	Groundwater	LAZ	151.81 - 161.81	7
PGW-09DL	445284.631	3674424.54	Groundwater	UAZ	217 - 222.01	7
PGW-10B	446953.143	3674679.32	Groundwater	LAZ	69.84 - 79.86	7
PGW-10C	446947.157	3674678.43	Groundwater	LAZ	145.07 - 155.08	7
PGW-10CU	446949.425	3674681.48	Groundwater	UAZ	190.91 - 200.91	7
PGW-10DL	446949.919	3674678.94	Groundwater	UAZ	199.9 - 209.9	7
PGW-11A	446180.975	3678260.22	Groundwater	GA	16.55 - 26.56	7
PGW-11B	446183.525	3678259.93	Groundwater	GA	67.63 - 77.66	7
PGW-11C	446186.536	3678259.52	Groundwater	LAZ	150.86 - 160.87	7
PGW-11DL	446189.547	3678259.11	Groundwater	UAZ	199.57 - 209.58	7
PGW-12A	447825.990	3677061.37	Groundwater	GA	33.47 - 43.48	7
PGW-12C	447825.039	3677058.79	Groundwater	LAZ	154.61 - 164.62	7
PGW-12DL	447824.142	3677056.14	Groundwater	UAZ	208.16 - 218.15	7
PGW-13A	444101.502	3676743.92	Groundwater	GA	60.17 - 70.2	7

Table 1. Monitoring Well Network for the P-Area Groundwater Operable Unit *(Continued)*

Station ID	UTM NAD27		Station Type	Aquifer Designation	Screen Zone [ft amsl]	Analytes
	Easting	Northing				
PGW-13C	444100.054	3676746.22	Groundwater	LAZ	128.87 - 138.89	7
PGW-13CU	444102.963	3676748.07	Groundwater	LAZ	149.87 - 159.87	7
PGW-13DL	444098.509	3676748.60	Groundwater	UAZ	189.75 - 199.77	7
PIW001D	445593.458	3676633.67	Groundwater	UAZ	203.78 - 223.78	7
PIW002D	445598.784	3676614.63	Groundwater	UAZ	218.81 - 233.81	7
PIW003D	445599.979	3676594.61	Groundwater	UAZ	220.77 - 240.77	7
PIW004D	445603.804	3676580.50	Groundwater	UAZ	231.49 - 251.49	7
PMP004DL	445677.978	3676618.63	Groundwater	UAZ	216.79 - 231.79	1, 2, 6, 7
PMP007DL	445679.756	3676650.81	Groundwater	UAZ	212.87 - 227.77	1, 2, 6, 7
PMP008DL	445667.277	3676635.93	Groundwater	UAZ	213.21 - 228.21	1, 2, 6, 7
PMW001DL	445746.069	3676645.58	Groundwater	UAZ	217.76 - 232.76	1, 2, 6, 7
PMW005DL	445693.490	3676633.91	Groundwater	UAZ	215.79 - 230.79	1, 2, 6, 7
PRB001DU	445835.042	3676500.00	Groundwater	UAZ	249.85 - 269.87	1, 7
PRB002DU	445793.365	3676545.55	Groundwater	UAZ	249.96 - 269.98	1, 2, 7
PRB003C	445962.694	3676408.48	Groundwater	LAZ	180.43 - 190.46	1, 2, 3, 4, 5, 6, 7
PRB003DU	445964.477	3676412.53	Groundwater	UAZ	250.22 - 270.25	1, 2, 3, 4, 5, 6, 7
PRB004DU	445905.852	3676613.90	Groundwater	UAZ	249.45 - 269.47	1, 2, 7
PRB005C	445866.257	3676675.05	Groundwater	LAZ	169.26 - 179.24	1, 2, 7
PRB005DU	445861.479	3676675.76	Groundwater	UAZ	248.89 - 268.91	1, 2, 7
PRP 1A	445122.880	3676625.52	Groundwater	UAZ	234.7 - 264.7	7
PRP 2	445164.120	3676670.50	Groundwater	UAZ	236.6 - 266.6	7
PRP 5	445281.370	3676683.92	Groundwater	UAZ	202.78 - 212.76	7
PRP 7	445156.165	3676605.45	Groundwater	UAZ	231.99 - 246.99	7
PRW001C	445599.856	3676626.18	Groundwater	LAZ	152.88 - 162.88	7
PRW001DL	445598.400	3676629.39	Groundwater	UAZ	188.67 - 198.67	7
PRW001DU	445596.390	3676631.83	Groundwater	UAZ	216.79 - 226.79	7
PRW002C	445588.620	3676621.32	Groundwater	LAZ	151.11 - 161.11	7
PRW002DL	445586.884	3676624.49	Groundwater	UAZ	191.86 - 201.86	7
PRW002DU	445586.013	3676627.68	Groundwater	UAZ	218.06 - 228.06	7
PRW003C	445610.688	3676608.89	Groundwater	LAZ	162.68 - 172.68	7
PRW003DL	445604.840	3676615.30	Groundwater	UAZ	204.05 - 214.05	7
PRW003DU	445611.109	3676604.25	Groundwater	UAZ	237.92 - 247.92	7
PRW004C	445595.691	3676606.23	Groundwater	LAZ	157.28 - 167.28	7
PRW004DL	445594.545	3676609.29	Groundwater	UAZ	189.55 - 199.55	7
PRW004DU	445597.673	3676601.84	Groundwater	UAZ	236.71 - 246.71	7
PRW005DL	445591.976	3676642.71	Groundwater	UAZ	185.89 - 195.86	7
PRW005DU	445590.410	3676640.25	Groundwater	UAZ	258.00 - 272.97	7
PRW006C	445552.492	3676617.36	Groundwater	LAZ	153.62 - 163.59	7
PRW006DL	445555.601	3676617.96	Groundwater	UAZ	177.50 - 192.48	7
PRW006DU	445558.455	3676619.18	Groundwater	UAZ	234.29 - 244.26	7
PRW007DL	445591.877	3676578.65	Groundwater	UAZ	196.93 - 206.90	7
PRW007DU	445591.375	3676581.42	Groundwater	UAZ	236.10 - 246.07	7
PSB 1A	445706.340	3676398.04	Groundwater	UAZ	259.3 - 289.3	1, 3, 5, 7
PSB 2A	445652.170	3676356.01	Groundwater	UAZ	258.9 - 288.9	1, 5, 7
PSB 3A	445574.100	3676294.42	Groundwater	UAZ	258.8 - 288.8	1, 5, 7
PSB 4A	445525.900	3676234.61	Groundwater	UAZ	257.7 - 287.7	1, 5, 7
PSB 5A	445606.630	3676258.07	Groundwater	UAZ	264.5 - 294.5	7
PSB 6A	445698.390	3676323.17	Groundwater	UAZ	264.4 - 294.4	7
PSB 7A	445757.490	3676410.40	Groundwater	UAZ	260.9 - 290.9	1, 5, 7
PSB 8	445837.418	3676342.55	Groundwater	UAZ	263.96 - 273.96	7
PSB 10	445429.971	3676290.00	Groundwater	UAZ	258.57 - 268.57	7
PSB 11	445426.521	3676383.42	Groundwater	UAZ	253.56 - 263.56	1, 5, 7
PSB002AA	445656.558	3676357.96	Groundwater	GA	105.27 - 115.27	1, 7
PSB002AL	445655.832	3676361.38	Groundwater	GA	-0.09 - 9.93	1, 7
PSB002B	445658.726	3676359.54	Groundwater	LAZ	135.37 - 145.39	1, 5, 7
PSB002C	445648.524	3676354.04	Groundwater	LAZ	179.93 - 189.93	1, 5, 7
PSB002DL	445646.276	3676352.36	Groundwater	UAZ	246.71 - 256.72	1, 5, 7
PSB003DL	445571.726	3676296.97	Groundwater	UAZ	240.2 - 250.22	1, 5, 7
PSB011A	445423.978	3676395.99	Groundwater	GA	90.33 - 100.35	1, 7
PSB011B	445423.720	3676390.93	Groundwater	LAZ	163.85 - 173.85	1, 5, 7
PSB011C	445423.415	3676387.47	Groundwater	LAZ	194.77 - 204.76	1, 5, 7
PSB011DL	445423.078	3676384.77	Groundwater	UAZ	216.49 - 226.49	1, 5, 7
PSC002D1	445157.898	3676510.66	Seepline	UAZ	234.03 - 236.03	1, 2, 7
PSC002D2	445157.337	3676510.27	Seepline	UAZ	229.41 - 231.41	1, 2, 7

Table 1. Monitoring Well Network for the P-Area Groundwater Operable Unit *(Continued)*

Station ID	UTM NAD27		Station Type	Aquifer Designation	Screen Zone [ft amsl]	Analytes
	Easting	Northing				
PSC003D1	445112.829	3676467.13	Seepline	UAZ	233 - 235	1, 2, 7
PSC003D2	445112.539	3676466.96	Seepline	UAZ	228.71 - 230.71	1, 2, 7
PSC004D1	445065.430	3676442.72	Seepline	UAZ	231.57 - 233.57	1, 2, 7
PSC004D2	445065.834	3676442.21	Seepline	UAZ	230.12 - 232.12	1, 2, 7
PSC005D1	444853.975	3676400.09	Seepline	UAZ	227.98 - 229.98	1, 2, 7
PSC005D2	444853.654	3676400.04	Seepline	UAZ	224.69 - 226.69	1, 2, 7
PSC006D1	444772.287	3676257.77	Seepline	UAZ	228.98 - 230.98	1, 2, 7
PSC006D2	444771.591	3676258.11	Seepline	UAZ	221.25 - 223.25	1, 2, 7
RGW 4C	444576.284	3677465.99	Groundwater	LAZ	132.7 - 142.7	7
RGW 4D	444577.180	3677468.98	Groundwater	UAZ	184.56 - 194.56	7
RGW 5C	445941.943	3678018.32	Groundwater	LAZ	109.33 - 119.33	7
RGW 5D	445938.600	3678017.73	Groundwater	UAZ	186.62 - 196.62	7
RGW 6C	446723.719	3676545.11	Groundwater	LAZ	105.72 - 115.72	7
RGW 6D	446720.512	3676546.02	Groundwater	UAZ	202.54 - 212.54	7
RGW 9C	443118.529	3675949.37	Groundwater	LAZ	104.78 - 114.78	7
RGW 9D	443116.012	3675952.87	Groundwater	UAZ	154.19 - 164.19	7
SC-02	445206.639	3676510.66	Surface Water	Surface Water	N/A	1, 2
SC-03	445116.000	3676510.27	Surface Water	Surface Water	N/A	1, 2
SC-04	444744.214	3676467.13	Surface Water	Surface Water	N/A	1, 2
SC-07	443749.357	3676466.96	Surface Water	Surface Water	N/A	1, 2
SC-08	443480.225	3674589.19	Surface Water	Surface Water	N/A	1, 2

UAZ - Upper Aquifer Zone of the Upper Three Runs Aquifer

LAZ - Lower Aquifer Zone of the Upper Three Runs Aquifer

GAU - Gordan Aquifer Unit

Analyte Code:

1- Tritium

2- Reduced VOC list
- -1,1-Dichloroethylene
- -Chloroethene (Vinyl Chloride)
- -cis-1,2-Dichloroethylene
- -trans-1,2-Dichloroethylene
- -Ethene
- -Ethane
- -Tetrachloroethlylene (PCE)
- -Trichloroethylene (TCE)

3- Strontium-90

4- TAL Metals, Chloride, Uranium

5- Gross Alpha, Nonvolatile Beta

6- Total Phosphate (as P), Total Organic Carbon, Sulfate, Sulfide, Nitrate, Dissolved Organic Carbon, Total Inorganic Carbon, Ferric Iron, Ferrous Iron

7- Synchronous Water Level

Table 2. Water Level Data for P-Area Groundwater Operable Unit Monitoring Wells

Station ID	Date	Aquifer Designation	Reference Elevation [ft amsl]	Depth to Water [ft bgs]	Sample Water Elevation
P 24A	8-Jul-2021	GAU	315.3	123.94	191.36
P 24A	6-Jan-2022	GAU	315.3	125.04	190.26
P 24B	8-Jul-2021	LAZ_UTRAU	315.4	94.76	220.64
P 24B	6-Jan-2022	LAZ_UTRAU	315.4	96.23	219.17
P 24C	8-Jul-2021	LAZ_UTRAU	315.6	65.92	249.68
P 24C	6-Jan-2022	LAZ_UTRAU	315.6	67.94	247.66
P 24D	8-Jul-2021	UAZ_UTRAU	315.4	45.23	270.17
P 24D	6-Jan-2022	UAZ_UTRAU	315.4	48.33	267.07
P002U	19-May-2021	UAZ_UTRAU	313.51	NS	NS
P002U	2-Aug-2021	UAZ_UTRAU	313.51	NS	NS
P002U	1-Nov-2021	UAZ_UTRAU	313.51	NS	NS
P002U	8-Feb-2022	UAZ_UTRAU	313.51	NS	NS
P002U	8-Feb-2022	UAZ_UTRAU	313.51	NS	NS
P003L	19-May-2021	UAZ_UTRAU	312.7	NS	NS
P003L	2-Aug-2021	UAZ_UTRAU	312.7	NS	NS
P003L	1-Nov-2021	UAZ_UTRAU	312.7	NS	NS
P003L	8-Feb-2022	UAZ_UTRAU	312.7	NS	NS
P003L	8-Feb-2022	UAZ_UTRAU	312.7	NS	NS
P003U	19-May-2021	UAZ_UTRAU	312.74	NS	NS
P003U	2-Aug-2021	UAZ_UTRAU	312.74	NS	NS
P003U	1-Nov-2021	UAZ_UTRAU	312.74	NS	NS
P003U	8-Feb-2022	UAZ_UTRAU	312.74	NS	NS
P003U	8-Feb-2022	UAZ_UTRAU	312.74	NS	NS
PAO001DU	8-Jul-2021	UAZ_UTRAU	318.74	38.88	279.86
PAO001DU	6-Jan-2022	UAZ_UTRAU	318.74	42.66	276.08
PAO001DU	1-Feb-2022	UAZ_UTRAU	318.74	43.05	275.69
PAO002DL	8-Feb-2022	UAZ_UTRAU	317.48	44.22	273.26
PAO002DU	8-Feb-2022	UAZ_UTRAU	317.65	42.04	275.61
PAO003DU	8-Jul-2021	UAZ_UTRAU	318.5	38.07	280.43
PAO003DU	6-Jan-2022	UAZ_UTRAU	318.5	42.05	276.45
PAO003DU	1-Feb-2022	UAZ_UTRAU	318.5	42.41	276.09
PAS002D	8-Jul-2021	UAZ_UTRAU	244.96	10.44	234.52
PAS002D	6-Jan-2022	UAZ_UTRAU	244.96	8.72	236.24
PAS003D	8-Jul-2021	UAZ_UTRAU	242.84	11.74	231.1
PAS003D	6-Jan-2022	UAZ_UTRAU	242.84	12.3	230.54
PBP 1D	8-Jul-2021	UAZ_UTRAU	317.58	34.4	283.18
PBP 1D	6-Jan-2022	UAZ_UTRAU	317.58	38.85	278.73
PBP 2D	8-Jul-2021	UAZ_UTRAU	316.3	34.12	282.18
PBP 2D	6-Jan-2022	UAZ_UTRAU	316.3	38.7	277.6
PBP 3D	8-Jul-2021	UAZ_UTRAU	319.39	36.56	282.83
PBP 3D	6-Jan-2022	UAZ_UTRAU	319.39	41.21	278.18
PCB 2A	8-Jul-2021	UAZ_UTRAU	305	27.42	277.58
PCB 2A	6-Jan-2022	UAZ_UTRAU	305	31.5	273.5

Station ID	Date	Aquifer Designation	Reference Elevation [ft amsl]	Depth to Water [ft bgs]	Sample Water Elevation
PDB 2	8-Jul-2021	UAZ_UTRAU	319.76	38.08	281.68
PDB 2	6-Jan-2022	UAZ_UTRAU	319.76	42.8	276.96
PDB 2	31-Jan-2022	UAZ_UTRAU	319.76	43	276.76
PDB 3	8-Jul-2021	UAZ_UTRAU	319.74	38.47	281.27
PDB 3	6-Jan-2022	UAZ_UTRAU	319.74	42.44	277.3
PDB 3	31-Jan-2022	UAZ_UTRAU	319.74	42.5	277.24
PDB 4	8-Jul-2021	UAZ_UTRAU	319.54	38.63	280.91
PDB 4	6-Jan-2022	UAZ_UTRAU	319.54	42.67	276.87
PDB 5	8-Jul-2021	UAZ_UTRAU	319.59	40.36	279.23
PDB 5	6-Jan-2022	UAZ_UTRAU	319.59	44.12	275.47
PDB 5	31-Jan-2022	UAZ_UTRAU	319.59	44.4	275.19
PDB003C	8-Jul-2021	LAZ_UTRAU	319.17	42.77	276.4
PDB003C	6-Jan-2022	LAZ_UTRAU	319.17	46.38	272.79
PDB003C	31-Jan-2022	LAZ_UTRAU	319.17	46.6	272.57
PGW014 A	8-Jul-2021	GAU	277.77	89.9	187.87
PGW014 A	6-Jan-2022	GAU	277.77	90.1	187.67
PGW014 B	8-Jul-2021	LAZ_UTRAU	277.72	46.1	231.62
PGW014 B	6-Jan-2022	LAZ_UTRAU	277.72	47.85	229.87
PGW014 B	31-Jan-2022	LAZ_UTRAU	277.72	48.03	229.69
PGW014 C	8-Jul-2021	LAZ_UTRAU	277.8	27.76	250.04
PGW014 C	6-Jan-2022	LAZ_UTRAU	277.8	29.56	248.24
PGW014 C	1-Feb-2022	LAZ_UTRAU	277.8	29.81	247.99
PGW014DU	8-Jul-2021	UAZ_UTRAU	277.79	35.04	242.75
PGW014DU	6-Jan-2022	UAZ_UTRAU	277.79	35.81	241.98
PGW014DU	1-Feb-2022	UAZ_UTRAU	277.79	36.2	241.59
PGW015 A	8-Jul-2021	GAU	304.64	118.4	186.24
PGW015 A	6-Jan-2022	GAU	304.64	118.31	186.33
PGW015 B	8-Jul-2021	LAZ_UTRAU	304.61	50	254.61
PGW015 B	6-Jan-2022	LAZ_UTRAU	304.61	52.68	251.93
PGW015 C	8-Jul-2021	LAZ_UTRAU	304.06	43.36	260.7
PGW015 C	6-Jan-2022	LAZ_UTRAU	304.06	46.32	257.74
PGW015DU	8-Jul-2021	UAZ_UTRAU	303.95	34.6	269.35
PGW015DU	6-Jan-2022	UAZ_UTRAU	303.95	39.61	264.34
PGW016 B	8-Jul-2021	LAZ_UTRAU	284.31	53.44	230.87
PGW016 B	6-Jan-2022	LAZ_UTRAU	284.31	55.42	228.89
PGW016 B	21-Mar-2022	LAZ_UTRAU	284.31	55.8	228.51
PGW016 C	8-Jul-2021	UAZ_UTRAU	284.71	44.4	240.31
PGW016 C	6-Jan-2022	UAZ_UTRAU	284.71	45.72	238.99
PGW016 C	31-Jan-2022	UAZ_UTRAU	284.71	45.96	238.75
PGW016DU	8-Jul-2021	UAZ_UTRAU	284.91	44.2	240.71
PGW016DU	6-Jan-2022	UAZ_UTRAU	284.91	45.38	239.53
PGW016DU	31-Jan-2022	UAZ_UTRAU	284.91	45.38	239.53
PGW017 B	8-Jul-2021	LAZ_UTRAU	308.03	46.6	261.43

Table 2. Water Level Data for P-Area Groundwater Operable Unit Monitoring Wells *(Continued)*

Station ID	Date	Aquifer Designation	Reference Elevation [ft amsl]	Depth to Water [ft bgs]	Sample Water Elevation
PGW017 B	6-Jan-2022	LAZ_UTRAU	308.03	49.48	258.55
PGW017 B	1-Feb-2022	LAZ_UTRAU	308.03	49.7	258.33
PGW017 C	8-Jul-2021	UAZ_UTRAU	308.01	40.64	267.37
PGW017 C	6-Jan-2022	UAZ_UTRAU	308.01	43.35	264.66
PGW017 C	1-Feb-2022	UAZ_UTRAU	308.01	43.6	264.41
PGW017DU	8-Jul-2021	UAZ_UTRAU	308.14	36.24	271.9
PGW017DU	6-Jan-2022	UAZ_UTRAU	308.14	38.71	269.43
PGW017DU	1-Feb-2022	UAZ_UTRAU	308.14	39.3	268.84
PGW018 B	8-Jul-2021	LAZ_UTRAU	307.19	35.66	271.53
PGW018 B	6-Jan-2022	LAZ_UTRAU	307.19	39.68	267.51
PGW018 B	14-Feb-2022	LAZ_UTRAU	307.19	40.83	266.36
PGW018 C	8-Jul-2021	UAZ_UTRAU	307.34	49.5	257.84
PGW018 C	6-Jan-2022	UAZ_UTRAU	307.34	51.7	255.64
PGW018 C	14-Feb-2022	UAZ_UTRAU	307.34	52.4	254.94
PGW018DU	8-Jul-2021	UAZ_UTRAU	307.51	34.9	272.61
PGW018DU	6-Jan-2022	UAZ_UTRAU	307.51	36.76	270.75
PGW018DU	14-Feb-2022	UAZ_UTRAU	307.51	37.97	269.54
PGW019 B	8-Jul-2021	LAZ_UTRAU	315.85	64.96	250.89
PGW019 B	6-Jan-2022	LAZ_UTRAU	315.85	67.6	248.25
PGW019 B	1-Feb-2022	LAZ_UTRAU	315.85	67.88	247.97
PGW019 C	8-Jul-2021	LAZ_UTRAU	315.65	55.34	260.31
PGW019 C	6-Jan-2022	LAZ_UTRAU	315.65	58.26	257.39
PGW019 C	1-Feb-2022	LAZ_UTRAU	315.65	58.64	257.01
PGW019DU	8-Jul-2021	UAZ_UTRAU	315.37	37.1	278.27
PGW019DU	6-Jan-2022	UAZ_UTRAU	315.37	41.1	274.27
PGW019DU	1-Feb-2022	UAZ_UTRAU	315.37	41.64	273.73
PGW-01A	8-Jul-2021	GAU	312.99	80.14	232.85
PGW 01A	6 Jan 2022	GAU	312.99	82.32	230.67
PGW-01B	8-Jul-2021	LAZ_UTRAU	313.03	68.96	244.07
PGW-01B	6-Jan-2022	LAZ_UTRAU	313.03	71.6	241.43
PGW-01C	8-Jul-2021	LAZ_UTRAU	312.92	48.74	264.18
PGW-01C	6-Jan-2022	LAZ_UTRAU	312.92	52.06	260.86
PGW-01DL	8-Jul-2021	UAZ_UTRAU	312.74	38.56	274.18
PGW-01DL	6-Jan-2022	UAZ_UTRAU	312.74	42.58	270.16
PGW020 B	8-Jul-2021	LAZ_UTRAU	323.17	61.24	261.93
PGW020 B	6-Jan-2022	LAZ_UTRAU	323.17	64.78	258.39
PGW020 C	8-Jul-2021	LAZ_UTRAU	323.07	46.86	276.21
PGW020 C	6-Jan-2022	LAZ_UTRAU	323.07	50.72	272.35
PGW020DU	8-Jul-2021	UAZ_UTRAU	323.04	43	280.04
PGW020DU	6-Jan-2022	UAZ_UTRAU	323.04	47.42	275.62
PGW021 B	8-Jul-2021	LAZ_UTRAU	314.51	68	246.51
PGW021 B	6-Jan-2022	LAZ_UTRAU	314.51	70.1	244.41
PGW021 B	14-Feb-2022	LAZ_UTRAU	314.51	70.08	244.43
PGW021 C	8-Jul-2021	UAZ_UTRAU	314.51	43.16	271.35
PGW021 C	6-Jan-2022	UAZ_UTRAU	314.51	46.01	268.5
PGW021 C	14-Feb-2022	UAZ_UTRAU	314.51	45.92	268.59
PGW021DU	8-Jul-2021	UAZ_UTRAU	314.51	42.8	271.71
PGW021DU	6-Jan-2022	UAZ_UTRAU	314.51	45.88	268.63
PGW021DU	14-Feb-2022	UAZ_UTRAU	314.51	45.81	268.7
PGW022 B	8-Jul-2021	LAZ_UTRAU	293.32	61.9	231.42
PGW022 B	6-Jan-2022	LAZ_UTRAU	293.32	63.53	229.79
PGW022 B	14-Feb-2022	LAZ_UTRAU	293.32	63.52	229.8
PGW022 C	8-Jul-2021	LAZ_UTRAU	293.46	52.34	241.12
PGW022 C	6-Jan-2022	LAZ_UTRAU	293.46	54.19	239.27
PGW022 C	14-Feb-2022	LAZ_UTRAU	293.46	54	239.46
PGW022DU	8-Jul-2021	UAZ_UTRAU	293.73	28	265.73
PGW022DU	6-Jan-2022	UAZ_UTRAU	293.73	30.75	262.98
PGW022DU	14-Feb-2022	UAZ_UTRAU	293.73	30.76	262.97
PGW023 B	8-Jul-2021	LAZ_UTRAU	309.16	69.46	239.7
PGW023 B	6-Jan-2022	LAZ_UTRAU	309.16	71.56	237.6
PGW023 C	8-Jul-2021	UAZ_UTRAU	308.92	42.7	266.22
PGW023 C	6-Jan-2022	UAZ_UTRAU	308.92	45.72	263.2
PGW023DU	8-Jul-2021	UAZ_UTRAU	309.04	39.4	269.64
PGW023DU	6-Jan-2022	UAZ_UTRAU	309.04	42.6	266.44
PGW024 A	8-Jul-2021	GAU	319.34	95.1	224.24
PGW024 A	6-Jan-2022	GAU	319.34	96.3	223.04
PGW024 B	8-Jul-2021	LAZ_UTRAU	319.49	72.94	246.55
PGW024 B	6-Jan-2022	LAZ_UTRAU	319.49	75.22	244.27
PGW024 B	16-Feb-2022	LAZ_UTRAU	319.49	75.36	244.13
PGW024 C	8-Jul-2021	UAZ_UTRAU	319.44	45.7	273.74
PGW024 C	6-Jan-2022	UAZ_UTRAU	319.44	48.88	270.56
PGW024 C	16-Feb-2022	UAZ_UTRAU	319.44	49.6	269.84
PGW024DU	15-Jul-2021	UAZ_UTRAU	319.51	43.94	275.57
PGW024DU	6-Jan-2022	UAZ_UTRAU	319.51	47.1	272.41
PGW024DU	16-Feb-2022	UAZ_UTRAU	319.51	48	271.51
PGW025 A	15-Jul-2021	GAU	315.83	125.43	190.4
PGW025 A	6-Jan-2022	GAU	315.83	126.7	189.13
PGW025 B	15-Jul-2021	LAZ_UTRAU	315.74	60.1	255.64
PGW025 B	6-Jan-2022	LAZ_UTRAU	315.74	62	253.74
PGW025 B	3-Feb-2022	LAZ_UTRAU	315.74	63.05	252.69
PGW025 C	15-Jul-2021	UAZ_UTRAU	316.01	39.62	276.39
PGW025 C	6-Jan-2022	UAZ_UTRAU	316.01	42	274.01
PGW025 C	3-Feb-2022	UAZ_UTRAU	316.01	43.25	272.76
PGW025DU	15-Jul-2021	UAZ_UTRAU	316.09	38.6	277.49
PGW025DU	6-Jan-2022	UAZ_UTRAU	316.09	42.1	273.99
PGW025DU	3-Feb-2022	UAZ_UTRAU	316.09	42.4	273.69

Table 2. Water Level Data for P-Area Groundwater Operable Unit Monitoring Wells *(Continued)*

Station ID	Date	Aquifer Designation	Reference Elevation [ft amsl]	Depth to Water [ft bgs]	Sample Water Elevation
PGW026B	15-Jul-2021	LAZ_UTRAU	291.8	39.6	252.2
PGW026B	6-Jan-2022	LAZ_UTRAU	291.8	42.1	249.7
PGW026B	3-Feb-2022	LAZ_UTRAU	291.8	42.31	249.49
PGW026C	15-Jul-2021	LAZ_UTRAU	291.77	31.6	260.17
PGW026C	6-Jan-2022	LAZ_UTRAU	291.77	34.2	257.57
PGW026C	3-Feb-2022	LAZ_UTRAU	291.77	34.42	257.35
PGW026DL	15-Jul-2021	UAZ_UTRAU	291.62	26.8	264.82
PGW026DL	6-Jan-2022	UAZ_UTRAU	291.62	29.4	262.22
PGW026DL	3-Feb-2022	UAZ_UTRAU	291.62	29.78	261.84
PGW027C	15-Jul-2021	LAZ_UTRAU	282.08	44	238.08
PGW027C	6-Jan-2022	LAZ_UTRAU	282.08	45.8	236.28
PGW027C	4-Feb-2022	LAZ_UTRAU	282.08	46.15	235.93
PGW027DL	15-Jul-2021	LAZ_UTRAU	281.88	36.73	245.15
PGW027DL	6-Jan-2022	LAZ_UTRAU	281.88	38.3	243.58
PGW027DL	4-Feb-2022	LAZ_UTRAU	281.88	38.65	243.23
PGW027DU	15-Jul-2021	UAZ_UTRAU	281.76	41.1	240.66
PGW027DU	6-Jan-2022	UAZ_UTRAU	281.76	41.7	240.06
PGW027DU	4-Feb-2022	UAZ_UTRAU	281.76	42.12	239.64
PGW028C	15-Jul-2021	LAZ_UTRAU	298.7	51.1	247.6
PGW028C	6-Jan-2022	LAZ_UTRAU	298.7	53.4	245.3
PGW028C	4-Feb-2022	LAZ_UTRAU	298.7	53.71	244.99
PGW028DU	15-Jul-2021	UAZ_UTRAU	298.91	46.05	252.86
PGW028DU	6-Jan-2022	UAZ_UTRAU	298.91	48.6	250.31
PGW028DU	4-Feb-2022	UAZ_UTRAU	298.91	49.05	249.86
PGW029C	15-Jul-2021	LAZ_UTRAU	316.82	59	257.82
PGW029C	6-Jan-2022	LAZ_UTRAU	316.82	61	255.82
PGW029C	4-Feb-2022	LAZ_UTRAU	316.82	61.84	254.98
PGW029DL	15-Jul-2021	UAZ_UTRAU	316.69	39.45	277.24
PGW029DL	6-Jan-2022	UAZ_UTRAU	316.69	40.9	275.79
PGW029DL	4-Feb-2022	UAZ_UTRAU	316.69	43.08	273.61
PGW-02A	8-Jul-2021	GAU	253.84	72.03	181.81
PGW-02A	6-Jan-2022	GAU	253.84	72.56	181.28
PGW-02C	8-Jul-2021	LAZ_UTRAU	253.77	25.97	227.8
PGW-02C	6-Jan-2022	LAZ_UTRAU	253.77	28.6	225.17
PGW-02CU	8-Jul-2021	LAZ_UTRAU	253.88	26.44	227.44
PGW-02CU	6-Jan-2022	LAZ_UTRAU	253.88	29.13	224.75
PGW-02DL	8-Jul-2021	UAZ_UTRAU	253.83	29.56	224.27
PGW-02DL	6-Jan-2022	UAZ_UTRAU	253.83	32.63	221.2
PGW030B	15-Jul-2021	LAZ_UTRAU	317.27	61.33	255.94
PGW030B	6-Jan-2022	LAZ_UTRAU	317.27	63.2	254.07
PGW030B	3-Feb-2022	LAZ_UTRAU	317.27	64.23	253.04
PGW030BL	15-Jul-2021	LAZ_UTRAU	317.49	80.4	237.09
PGW030BL	6-Jan-2022	LAZ_UTRAU	317.49	82	235.49
PGW030BL	3-Feb-2022	LAZ_UTRAU	317.49	82.58	234.91
PGW031B	15-Jul-2021	LAZ_UTRAU	318.01	73.05	244.96
PGW031B	6-Jan-2022	LAZ_UTRAU	318.01	75	243.01
PGW031B	4-Feb-2022	LAZ_UTRAU	318.01	75.4	242.61
PGW031C	15-Jul-2021	LAZ_UTRAU	317.89	70.4	247.49
PGW031C	6-Jan-2022	LAZ_UTRAU	317.89	71.8	246.09
PGW031C	4-Feb-2022	LAZ_UTRAU	317.89	72.72	245.17
PGW033A	15-Jul-2021	GAU	332.14	94.1	238.04
PGW033A	6-Jan-2022	GAU	332.14	96.4	235.74
PGW033A	14-Feb-2022	GAU	332.14	96.63	235.51
PGW034DL	15-Jul-2021	UAZ_UTRAU	313.02	45.9	267.12
PGW034DL	6-Jan-2022	UAZ_UTRAU	313.02	48.4	264.62
PGW034DL	14-Feb-2022	UAZ_UTRAU	313.02	48.66	264.36
PGW035C	15-Jul-2021	LAZ_UTRAU	326.68	56.71	269.97
PGW035C	6-Jan-2022	LAZ_UTRAU	326.68	59.6	267.08
PGW035C	4-Feb-2022	LAZ_UTRAU	326.68	59.95	266.73
PGW035CU	15-Jul-2021	LAZ_UTRAU	326.59	63.8	262.79
PGW035CU	6-Jan-2022	LAZ_UTRAU	326.59	66.5	260.09
PGW035CU	29-Aug-2022	LAZ_UTRAU	326.59	68.3	258.29
PGW035D	15-Jul-2021	UAZ_UTRAU	326.65	51.82	274.83
PGW035D	6-Jan-2022	UAZ_UTRAU	326.65	54.7	271.95
PGW035D	4-Feb-2022	UAZ_UTRAU	326.65	55.22	271.43
PGW-03A	20-Jul-2021	GAU	326.36	96.3	230.06
PGW-03A	6-Jan-2022	GAU	326.36	98.56	227.8
PGW-03A	31-Jan-2022	GAU	326.36	98.31	228.05
PGW-03B	20-Jul-2021	LAZ_UTRAU	325.87	66.4	259.47
PGW-03B	6-Jan-2022	LAZ_UTRAU	325.87	69.57	256.3
PGW-03C	20-Jul-2021	LAZ_UTRAU	325.73	56.9	268.83
PGW-03C	6-Jan-2022	LAZ_UTRAU	325.73	60.39	265.34
PGW-03DL	20-Jul-2021	UAZ_UTRAU	325.3	47	278.3
PGW-03DL	6-Jan-2022	UAZ_UTRAU	325.3	50.82	274.48
PGW-04A	8-Jul-2021	GAU	280.27	50.77	229.5
PGW-04A	6-Jan-2022	GAU	280.27	53.36	226.91
PGW-04B	8-Jul-2021	LAZ_UTRAU	280.24	50.66	229.58
PGW-04B	6-Jan-2022	LAZ_UTRAU	280.24	53.2	227.04
PGW-04C	8-Jul-2021	LAZ_UTRAU	280.25	50.3	229.95
PGW-04C	6-Jan-2022	LAZ_UTRAU	280.25	52.9	227.35
PGW-04DL	8-Jul-2021	UAZ_UTRAU	280.04	42.68	237.36
PGW-04DL	6-Jan-2022	UAZ_UTRAU	280.04	44.95	235.09
PGW-05A	8-Jul-2021	GAU	245.63	63.5	182.13
PGW-05A	6-Jan-2022	GAU	245.63	64.1	181.53
PGW-05B	8-Jul-2021	LAZ_UTRAU	245.59	50.8	194.79
PGW-05B	6-Jan-2022	LAZ_UTRAU	245.59	51.9	193.69

Table 2. Water Level Data for P-Area Groundwater Operable Unit Monitoring Wells *(Continued)*

Station ID	Date	Aquifer Designation	Reference Elevation [ft amsl]	Depth to Water [ft bgs]	Sample Water Elevation
PGW-05C	8-Jul-2021	LAZ_UTRAU	245.56	26	219.56
PGW-05C	6-Jan-2022	LAZ_UTRAU	245.56	27	218.56
PGW-06A	8-Jul-2021	GAU	297.13	80	217.13
PGW-06A	6-Jan-2022	GAU	297.13	81.3	215.83
PGW-06B	8-Jul-2021	GAU	297.61	79.3	218.31
PGW-06B	6-Jan-2022	GAU	297.61	80.4	217.21
PGW-06C	8-Jul-2021	LAZ_UTRAU	296.87	59.2	237.67
PGW-06C	6-Jan-2022	LAZ_UTRAU	296.87	60.5	236.37
PGW-06DL	8-Jul-2021	UAZ_UTRAU	296.7	34.5	262.2
PGW-06DL	6-Jan-2022	UAZ_UTRAU	296.7	35.2	261.5
PGW-07A	8-Jul-2021	GAU	323.8	94.5	229.3
PGW-07A	6-Jan-2022	GAU	323.8	95.6	228.2
PGW-07B	8-Jul-2021	LAZ_UTRAU	324.09	87.4	236.69
PGW-07B	6-Jan-2022	LAZ_UTRAU	324.09	88.7	235.39
PGW-07C	8-Jul-2021	LAZ_UTRAU	323.99	64.5	259.49
PGW-07C	6-Jan-2022	LAZ_UTRAU	323.99	65.5	258.49
PGW-07DL	8-Jul-2021	UAZ_UTRAU	323.99	49.6	274.39
PGW-07DL	6-Jan-2022	UAZ_UTRAU	323.99	51.1	272.89
PGW-08A	8-Jul-2021	LAZ_UTRAU	300.9	71.6	229.3
PGW-08A	6-Jan-2022	LAZ_UTRAU	300.9	72.9	228
PGW-08B	8-Jul-2021	LAZ_UTRAU	301.2	72	229.2
PGW-08B	6-Jan-2022	LAZ_UTRAU	301.2	73.2	228
PGW-08C	8-Jul-2021	LAZ_UTRAU	301.7	62.7	239
PGW-08C	6-Jan-2022	LAZ_UTRAU	301.7	64.1	237.6
PGW-08DL	8-Jul-2021	UAZ_UTRAU	301.52	47.8	253.72
PGW-08DL	6-Jan-2022	UAZ_UTRAU	301.52	49.2	252.32
PGW-09A	8-Jul-2021	GAU	311.78	124	187.78
PGW-09A	6-Jan-2022	GAU	311.78	125	186.78
PGW-09B	8-Jul-2021	LAZ_UTRAU	311.73	65.4	246.33
PGW-09B	6-Jan-2022	LAZ_UTRAU	311.73	67	244.73
PGW-09C	8-Jul-2021	LAZ_UTRAU	311.81	54.2	257.61
PGW-09C	6-Jan-2022	LAZ_UTRAU	311.81	54.8	257.01
PGW-09DL	8-Jul-2021	UAZ_UTRAU	311.7	43	268.7
PGW-09DL	6-Jan-2022	UAZ_UTRAU	311.7	43.7	268
PGW-10B	8-Jul-2021	LAZ_UTRAU	255.86	37.1	218.76
PGW-10B	6-Jan-2022	LAZ_UTRAU	255.86	38.6	217.26
PGW-10C	8-Jul-2021	LAZ_UTRAU	256.08	28.9	227.18
PGW-10C	6-Jan-2022	LAZ_UTRAU	256.08	30.5	225.58
PGW-10CU	8-Jul-2021	UAZ_UTRAU	255.91	17.4	238.51
PGW-10CU	6-Jan-2022	UAZ_UTRAU	255.91	18.9	237.01
PGW-10DL	8-Jul-2021	UAZ_UTRAU	255.9	16.2	239.7
PGW-10DL	6-Jan-2022	UAZ_UTRAU	255.9	17.8	238.1
PGW-11A	8-Jul-2021	GAU	276.06	80.3	195.76
PGW-11A	6-Jan-2022	GAU	276.06	81.2	194.86
PGW-11B	8-Jul-2021	GAU	275.83	80.1	195.73
PGW-11B	6-Jan-2022	GAU	275.83	80.8	195.03
PGW-11C	8-Jul-2021	LAZ_UTRAU	275.55	47.9	227.65
PGW-11C	6-Jan-2022	LAZ_UTRAU	275.55	48.9	226.65
PGW-11DL	8-Jul-2021	UAZ_UTRAU	275.26	44.8	230.46
PGW-11DL	6-Jan-2022	UAZ_UTRAU	275.26	45.7	229.56
PGW-12A	8-Jul-2021	GAU	275.48	82.6	192.88
PGW-12A	6-Jan-2022	GAU	275.48	84.1	191.38
PGW-12C	8-Jul-2021	LAZ_UTRAU	275.62	50.3	225.32
PGW-12C	6-Jan-2022	LAZ_UTRAU	275.62	51.9	223.72
PGW-12DL	8-Jul-2021	UAZ_UTRAU	275.54	24.5	251.04
PGW-12DL	6-Jan-2022	UAZ_UTRAU	275.54	25.4	250.14
PGW-13A	8-Jul-2021	GAU	290.2	104.3	185.9
PGW-13A	6-Jan-2022	GAU	290.2	106.1	184.1
PGW-13C	8-Jul-2021	LAZ_UTRAU	289.89	52.1	237.79
PGW-13C	6-Jan-2022	LAZ_UTRAU	289.89	54.3	235.59
PGW-13CU	8-Jul-2021	LAZ_UTRAU	289.87	46.5	243.37
PGW-13CU	6-Jan-2022	LAZ_UTRAU	289.87	48.1	241.77
PGW-13DL	8-Jul-2021	UAZ_UTRAU	289.66	36.8	252.86
PGW-13DL	6-Jan-2022	UAZ_UTRAU	289.66	38.5	251.16
PIW001D	17-May-2021	UAZ_UTRAU	36	35.67	0.33
PIW001D	15-Jul-2021	UAZ_UTRAU	36	36.84	-0.84
PIW001D	2-Aug-2021	UAZ_UTRAU	36	37.2	-1.2
PIW001D	4-Nov-2021	UAZ_UTRAU	36	39.2	-3.2
PIW001D	6-Jan-2022	UAZ_UTRAU	36	39.9	-3.9
PIW001D	8-Feb-2022	UAZ_UTRAU	36	40.33	-4.33
PIW002D	17-May-2021	UAZ_UTRAU	37.6	36.74	0.86
PIW002D	15-Jul-2021	UAZ_UTRAU	37.6	37.91	-0.31
PIW002D	2-Aug-2021	UAZ_UTRAU	37.6	38.1	-0.5
PIW002D	4-Nov-2021	UAZ_UTRAU	37.6	39.92	-2.32
PIW002D	6-Jan-2022	UAZ_UTRAU	37.6	40.8	-3.2
PIW002D	8-Feb-2022	UAZ_UTRAU	37.6	41.4	-3.8
PIW003D	17-May-2021	UAZ_UTRAU	38.3	37.75	0.55
PIW003D	15-Jul-2021	UAZ_UTRAU	38.3	38.8	-0.5
PIW003D	2-Aug-2021	UAZ_UTRAU	38.3	39	-0.7
PIW003D	4-Nov-2021	UAZ_UTRAU	38.3	40.12	-1.82
PIW003D	6-Jan-2022	UAZ_UTRAU	38.3	41.8	-3.5
PIW003D	8-Feb-2022	UAZ_UTRAU	38.3	42.5	-4.2
PIW004D	17-May-2021	UAZ_UTRAU	39.5	38.96	0.54
PIW004D	15-Jul-2021	UAZ_UTRAU	39.5	40.05	-0.55
PIW004D	2-Aug-2021	UAZ_UTRAU	39.5	40.2	-0.7
PIW004D	4-Nov-2021	UAZ_UTRAU	39.5	41.48	-1.98

Table 2. Water Level Data for P-Area Groundwater Operable Unit Monitoring Wells *(Continued)*

Station ID	Date	Aquifer Designation	Reference Elevation [ft amsl]	Depth to Water [ft bgs]	Sample Water Elevation
PIW004D	6-Jan-2022	UAZ_UTRAU	39.5	43.1	-3.6
PIW004D	8-Feb-2022	UAZ_UTRAU	39.5	43.79	-4.29
PMP004DL	3-Feb-2022	UAZ_UTRAU	315.89	42.75	273.14
PMP007DL	3-Feb-2022	UAZ_UTRAU	313.97	41.22	272.75
PMP008DL	3-Feb-2022	UAZ_UTRAU	314.61	41.84	272.77
PMW001DL	15-Jul-2021	UAZ_UTRAU	317.26	40.23	277.03
PMW001DL	6-Jan-2022	UAZ_UTRAU	317.26	43.6	273.66
PMW001DL	3-Feb-2022	UAZ_UTRAU	317.26	43.88	273.38
PMW005DL	15-Jul-2021	UAZ_UTRAU	315.79	38.1	277.69
PMW005DL	6-Jan-2022	UAZ_UTRAU	315.79	38.2	277.59
PMW005DL	3-Feb-2022	UAZ_UTRAU	315.79	38.32	277.47
PRB001DU	15-Jul-2021	UAZ_UTRAU	319.52	39.47	280.05
PRB001DU	6-Jan-2022	UAZ_UTRAU	319.52	42.9	276.62
PRB001DU	4-Feb-2022	UAZ_UTRAU	319.52	43.4	276.12
PRB002DU	15-Jul-2021	UAZ_UTRAU	319.64	40.11	279.53
PRB002DU	6-Jan-2022	UAZ_UTRAU	319.64	43.5	276.14
PRB002DU	4-Feb-2022	UAZ_UTRAU	319.64	43.9	275.74
PRB003C	15-Jul-2021	LAZ_UTRAU	319.97	43.41	276.56
PRB003C	6-Jan-2022	LAZ_UTRAU	319.97	46.2	273.77
PRB003C	3-Feb-2022	LAZ_UTRAU	319.97	47.04	272.93
PRB003DU	15-Jul-2021	UAZ_UTRAU	319.89	38	281.89
PRB003DU	6-Jan-2022	UAZ_UTRAU	319.89	41.3	278.59
PRB003DU	3-Feb-2022	UAZ_UTRAU	319.89	41.74	278.15
PRB004DU	15-Jul-2021	UAZ_UTRAU	319.12	38.45	280.67
PRB004DU	7-Jan-2022	UAZ_UTRAU	319.12	42.11	277.01
PRB004DU	4-Feb-2022	UAZ_UTRAU	319.12	42.5	276.62
PRB005C	15-Jul-2021	LAZ_UTRAU	318.8	63.54	255.26
PRB005C	7-Jan-2022	LAZ_UTRAU	318.8	66.2	252.6
PRB005C	4-Feb-2022	LAZ_UTRAU	318.8	66.5	252.3
PRB005DU	15-Jul-2021	UAZ_UTRAU	318.57	38.47	280.1
PRB005DU	7-Jan-2022	UAZ_UTRAU	318.57	42.32	276.25
PRB005DU	4-Feb-2022	UAZ_UTRAU	318.57	42.6	275.97
PRP 1A	15-Jul-2021	UAZ_UTRAU	284.7	35.93	248.77
PRP 1A	7-Jan-2022	UAZ_UTRAU	284.7	39.1	245.6
PRP 2	15-Jul-2021	UAZ_UTRAU	286.6	31.34	255.26
PRP 2	7-Jan-2022	UAZ_UTRAU	286.6	35	251.6
PRP 5	15-Jul-2021	UAZ_UTRAU	287.76	29.56	258.2
PRP 5	7-Jan-2022	UAZ_UTRAU	287.76	32.3	255.46
PRP 7	15-Jul-2021	UAZ_UTRAU	281.99	41.09	240.9
PRP 7	7-Jan-2022	UAZ_UTRAU	281.99	41.91	240.08
PRW001C	15-Jul-2021	LAZ_UTRAU	313.3	48.13	265.17
PRW001C	7-Jan-2022	LAZ_UTRAU	313.3	51.25	262.05
PRW001DL	15-Jul-2021	UAZ_UTRAU	313.19	37.86	275.33
PRW001DL	7-Jan-2022	UAZ_UTRAU	313.19	41.18	272.01
PRW001DU	15-Jul-2021	UAZ_UTRAU	313.18	36.56	276.62
PRW001DU	7-Jan-2022	UAZ_UTRAU	313.18	39.93	273.25
PRW002C	15-Jul-2021	LAZ_UTRAU	313.61	48.6	265.01
PRW002C	7-Jan-2022	LAZ_UTRAU	313.61	51.71	261.9
PRW002DL	15-Jul-2021	UAZ_UTRAU	313.69	38.56	275.13
PRW002DL	7-Jan-2022	UAZ_UTRAU	313.69	41.78	271.91
PRW002DU	15-Jul-2021	UAZ_UTRAU	313.63	37.44	276.19
PRW002DU	7-Jan-2022	UAZ_UTRAU	313.63	40.93	272.7
PRW003C	15-Jul-2021	LAZ_UTRAU	313.41	48.29	265.12
PRW003C	7-Jan-2022	LAZ_UTRAU	313.41	51.39	262.02
PRW003DL	15-Jul-2021	UAZ_UTRAU	314.02	38.57	275.45
PRW003DL	7-Jan-2022	UAZ_UTRAU	314.02	41.82	272.2
PRW003DU	15-Jul-2021	UAZ_UTRAU	313.8	36.57	277.23
PRW003DU	7-Jan-2022	UAZ_UTRAU	313.8	39.96	273.84
PRW004C	15-Jul-2021	LAZ_UTRAU	314.89	48.45	266.44
PRW004C	7-Jan-2022	LAZ_UTRAU	314.89	52.64	262.25
PRW004DL	15-Jul-2021	UAZ_UTRAU	314.63	39.84	274.79
PRW004DL	7-Jan-2022	UAZ_UTRAU	314.63	43.12	271.51
PRW004DU	15-Jul-2021	UAZ_UTRAU	315.12	37.91	277.21
PRW004DU	7-Jan-2022	UAZ_UTRAU	315.12	41.4	273.72
PRW005DL	15-Jul-2021	UAZ_UTRAU	312.71	37.5	275.21
PRW005DL	7-Jan-2022	UAZ_UTRAU	312.71	40.76	271.95
PRW005DU	15-Jul-2021	UAZ_UTRAU	312.9	35.72	277.18
PRW005DU	7-Jan-2022	UAZ_UTRAU	312.9	39	273.9
PRW006C	15-Jul-2021	UAZ_UTRAU	330.08	66.69	263.39
PRW006C	7-Jan-2022	UAZ_UTRAU	330.08	69.58	260.5
PRW006DL	15-Jul-2021	UAZ_UTRAU	330.25	57.85	272.4
PRW006DL	7-Jan-2022	UAZ_UTRAU	330.25	61	269.25
PRW006DU	15-Jul-2021	UAZ_UTRAU	330.32	53.94	276.38
PRW006DU	7-Jan-2022	UAZ_UTRAU	330.32	57.22	273.1
PRW007DL	15-Jul-2021	UAZ_UTRAU	316.78	42.36	274.42
PRW007DL	7-Jan-2022	UAZ_UTRAU	316.78	45.68	271.1
PRW007DU	15-Jul-2021	UAZ_UTRAU	316.43	39.94	276.49
PRW007DU	7-Jan-2022	UAZ_UTRAU	316.43	43.37	273.06
PSB 1A	15-Jul-2021	UAZ_UTRAU	329.3	51.27	278.03
PSB 1A	7-Jan-2022	UAZ_UTRAU	329.3	55	274.3
PSB 1A	4-Feb-2022	UAZ_UTRAU	329.3	55.1	274.2
PSB 2A	15-Jul-2021	UAZ_UTRAU	323.9	46.46	277.44
PSB 2A	7-Jan-2022	UAZ_UTRAU	323.9	51.8	272.1
PSB 2A	9-Feb-2022	UAZ_UTRAU	323.9	50.3	273.6
PSB 3A	15-Jul-2021	UAZ_UTRAU	318.8	42.1	276.7
PSB 3A	7-Jan-2022	UAZ_UTRAU	318.8	46.54	272.26

Table 2. Water Level Data for P-Area Groundwater Operable Unit Monitoring Wells *(Continued)*

Station ID	Date	Aquifer Designation	Reference Elevation [ft amsl]	Depth to Water [ft bgs]	Sample Water Elevation
PSB 3A	8-Feb-2022	UAZ_UTRAU	318.8	46.99	271.81
PSB 4A	15-Jul-2021	UAZ_UTRAU	312.7	36.36	276.34
PSB 4A	7-Jan-2022	UAZ_UTRAU	312.7	41.52	271.18
PSB 4A	9-Feb-2022	UAZ_UTRAU	312.7	41.95	270.75
PSB 5A	15-Jul-2021	UAZ_UTRAU	319.5	40.9	278.6
PSB 5A	7-Jan-2022	UAZ_UTRAU	319.5	46.62	272.88
PSB 6A	15-Jul-2021	UAZ_UTRAU	324.4	44.24	280.16
PSB 6A	7-Jan-2022	UAZ_UTRAU	324.4	49.68	274.72
PSB 7A	15-Jul-2021	UAZ_UTRAU	330.9	51.7	279.2
PSB 7A	7-Jan-2022	UAZ_UTRAU	330.9	56.28	274.62
PSB 7A	9-Feb-2022	UAZ_UTRAU	330.9	56.53	274.37
PSB 8	15-Jul-2021	UAZ_UTRAU	324.96	43.7	281.26
PSB 8	7-Jan-2022	UAZ_UTRAU	324.96	48.3	276.66
PSB 10	15-Jul-2021	UAZ_UTRAU	309.57	35	274.57
PSB 10	7-Jan-2022	UAZ_UTRAU	309.57	40.36	269.21
PSB 11	15-Jul-2021	UAZ_UTRAU	309.56	36.3	273.26
PSB 11	7-Jan-2022	UAZ_UTRAU	309.56	40.48	269.08
PSB 11	14-Feb-2022	UAZ_UTRAU	309.56	41.3	268.26
PSB002AA	15-Jul-2021	GAU	324.93	87.95	236.98
PSB002AA	7-Jan-2022	GAU	324.93	90.12	234.81
PSB002AA	9-Feb-2022	GAU	324.93	90.1	234.83
PSB002AL	15-Jul-2021	GAU	325.34	137.19	188.15
PSB002AL	7-Jan-2022	GAU	325.34	137.51	187.83
PSB002AL	14-Feb-2022	GAU	325.34	137.5	187.84
PSB002B	15-Jul-2021	LAZ_UTRAU	325.04	64.91	260.13
PSB002B	7-Jan-2022	LAZ_UTRAU	325.04	68	257.04
PSB002B	14-Feb-2022	LAZ_UTRAU	325.04	64.5	260.54
PSB002C	15-Jul-2021	LAZ_UTRAU	324.54	52.17	272.37
PSB002C	7-Jan-2022	LAZ_UTRAU	324.54	55.46	269.08
PSB002C	14-Feb-2022	LAZ_UTRAU	324.54	51.5	273.04
PSB002DL	15-Jul-2021	UAZ_UTRAU	324.38	46.54	277.84
PSB002DL	7-Jan-2022	UAZ_UTRAU	324.38	50.02	274.36
PSB002DL	14-Feb-2022	UAZ_UTRAU	324.38	45.1	279.28
PSB003DL	15-Jul-2021	UAZ_UTRAU	320.22	42.96	277.26
PSB003DL	7-Jan-2022	UAZ_UTRAU	320.22	47.45	272.77
PSB003DL	8-Feb-2022	UAZ_UTRAU	320.22	47.96	272.26
PSB011A	15-Jul-2021	GAU	310.07	78.74	231.33
PSB011A	7-Jan-2022	GAU	310.07	80.71	229.36
PSB011A	14-Feb-2022	GAU	310.07	80.6	229.47
PSB011B	15-Jul-2021	LAZ_UTRAU	309.57	49.6	259.97
PSB011B	7-Jan-2022	LAZ_UTRAU	309.57	52.62	256.95
PSB011B	14-Feb-2022	LAZ_UTRAU	309.57	53	256.57
PSB011C	15-Jul-2021	LAZ_UTRAU	309.44	41.96	267.48
PSB011C	7-Jan-2022	LAZ_UTRAU	309.44	45.58	263.86
PSB011C	14-Feb-2022	LAZ_UTRAU	309.44	46.2	263.24
PSB011DL	15-Jul-2021	UAZ_UTRAU	309.29	39.04	270.25
PSB011DL	7-Jan-2022	UAZ_UTRAU	309.29	42.61	266.68
PSB011DL	14-Feb-2022	UAZ_UTRAU	309.29	43.4	265.89
PSC002D1	15-Jul-2021	UAZ_UTRAU	239.03	3.84	235.19
PSC002D1	7-Jan-2022	UAZ_UTRAU	239.03	3.88	235.15
PSC002D2	15-Jul-2021	UAZ_UTRAU	239.41	4.6	234.81
PSC002D2	7-Jan-2022	UAZ_UTRAU	239.41	4.62	234.79
PSC003D1	15-Jul-2021	UAZ_UTRAU	238	4.39	233.61
PSC003D1	7-Jan-2022	UAZ_UTRAU	238	4.46	233.54
PSC003D2	15-Jul-2021	UAZ_UTRAU	238.71	5.11	233.6
PSC003D2	7-Jan-2022	UAZ_UTRAU	238.71	5.22	233.49
PSC004D1	15-Jul-2021	UAZ_UTRAU	236.57	2.97	233.6
PSC004D1	7-Jan-2022	UAZ_UTRAU	236.57	3.04	233.53
PSC004D2	15-Jul-2021	UAZ_UTRAU	237.12	3.18	233.94
PSC004D2	7-Jan-2022	UAZ_UTRAU	237.12	3.26	233.86
PSC005D1	15-Jul-2021	UAZ_UTRAU	232.98	2.63	230.35
PSC005D1	7-Jan-2022	UAZ_UTRAU	232.98	2.64	230.34
PSC005D2	15-Jul-2021	UAZ_UTRAU	234.19	3.8	230.39
PSC005D2	7-Jan-2022	UAZ_UTRAU	234.19	3.87	230.32
PSC006D1	15-Jul-2021	UAZ_UTRAU	231.48	3.82	227.66
PSC006D1	7-Jan-2022	UAZ_UTRAU	231.48	3.84	227.64
PSC006D2	15-Jul-2021	UAZ_UTRAU	231.25	3.94	227.31
PSC006D2	7-Jan-2022	UAZ_UTRAU	231.25	3.96	227.29
RGW 4C	15-Jul-2021	LAZ_UTRAU	334.7	84.41	250.29
RGW 4C	7-Jan-2022	LAZ_UTRAU	334.7	86.89	247.81
RGW 4D	15-Jul-2021	UAZ_UTRAU	334.56	66.59	267.97
RGW 4D	7-Jan-2022	UAZ_UTRAU	334.56	69.79	264.77
RGW 5C	15-Jul-2021	LAZ_UTRAU	286.33	53.45	232.88
RGW 5C	7-Jan-2022	LAZ_UTRAU	286.33	54.96	231.37
RGW 5D	15-Jul-2021	UAZ_UTRAU	286.62	39.16	247.46
RGW 5D	7-Jan-2022	UAZ_UTRAU	286.62	41.22	245.4
RGW 6C	15-Jul-2021	LAZ_UTRAU	317.72	98.27	219.45
RGW 6C	7-Jan-2022	LAZ_UTRAU	317.72	99.74	217.98
RGW 6D	15-Jul-2021	UAZ_UTRAU	317.54	53.79	263.75
RGW 6D	7-Jan-2022	UAZ_UTRAU	317.54	56.89	260.65
RGW 9C	15-Jul-2021	LAZ_UTRAU	290.78	59.59	231.19
RGW 9C	7-Jan-2022	LAZ_UTRAU	290.78	59.94	230.84
RGW 9D	15-Jul-2021	UAZ_UTRAU	291.19	43.92	247.27
RGW 9D	7-Jan-2022	UAZ_UTRAU	291.19	47.94	243.25

NS – not sampled

Table 3. Tritium and Trichloroethylene Results Above Maximum Contaminant Level for P-Area Groundwater Operable Unit

Station ID	Aquifer Designation	Analyte	Units	2021 Result	2022 Result
P002U	UAZ_UTRAU	TCE	µg/L	7.25	[1.2]
P003L	UAZ_UTRAU	TCE	µg/L	2490	[2130]
P003U	UAZ_UTRAU	TCE	µg/L	686	[558]
PAO002DL	UAZ_UTRAU	TCE	µg/L	200	[167]
PAO002DU	UAZ_UTRAU	TCE	µg/L	48.6	[27]
PGW014 C	LAZ_UTRAU	TCE	µg/L	243	300
PGW014DU	UAZ_UTRAU	TCE	µg/L	110 C	198 C
PGW024 C	UAZ_UTRAU	TCE	µg/L	8.54	5.66
PGW025 B	LAZ_UTRAU	TCE	µg/L	5940	5740
PGW025 C	UAZ_UTRAU	TCE	µg/L	16.2	4.44
PGW026B	LAZ_UTRAU	TCE	µg/L	1210	1230
PGW026C	LAZ_UTRAU	TCE	µg/L	7320	6820
PGW026DL	UAZ_UTRAU	TCE	µg/L	7530	7250
PGW027C	LAZ_UTRAU	TCE	µg/L	131	[143]
PGW027DL	LAZ_UTRAU	TCE	µg/L	1940 B	[1910] B
PGW027DU	UAZ_UTRAU	TCE	µg/L	346	422
PGW029C	LAZ_UTRAU	TCE	µg/L	58	38.4
PGW030B	LAZ_UTRAU	TCE	µg/L	3410	3660
PGW031B	LAZ_UTRAU	TCE	µg/L	49.2	[37.5]
PGW031C	LAZ_UTRAU	TCE	µg/L	575	[430]
PGW035C	LAZ_UTRAU	TCE	µg/L	5880	4390
PGW035D	UAZ_UTRAU	TCE	µg/L	44.9	20.8
PMP004DL	UAZ_UTRAU	TCE	µg/L	3340	2480
PMP007DL	UAZ_UTRAU	TCE	µg/L	20.7	28.1
PMP008DL	UAZ_UTRAU	TCE	µg/L	130	107
PMW001DL	UAZ_UTRAU	TCE	µg/L	10.4	10.9
PRB005C	LAZ_UTRAU	TCE	µg/L	2560	1750
PSC003D1	UAZ_UTRAU	TCE	µg/L	6.12	5.61
PSC004D2	UAZ_UTRAU	TCE	µg/L	5.61	6.28
SC-03	UAZ_UTRAU	TCE	µg/L	16.2	16 B
P002U	UAZ_UTRAU	Tritium	pCi/mL	15.3	13.9
P003L	UAZ_UTRAU	Tritium	pCi/mL	978	939
PAO001DU	UAZ_UTRAU	Tritium	pCi/mL	6.67	15.2
PDB 2	UAZ_UTRAU	Tritium	pCi/mL	606	513
PDB003C	LAZ_UTRAU	Tritium	pCi/mL	135 A	121
PGW014DU	UAZ_UTRAU	Tritium	pCi/mL	5.95 C	11.9
PGW016DU	UAZ_UTRAU	Tritium	pCi/mL	18.9	123
PGW018 C	UAZ_UTRAU	Tritium	pCi/mL	43.8	38.9
PGW024 B	LAZ_UTRAU	Tritium	pCi/mL	42.3	50.4 A
PGW024 C	UAZ_UTRAU	Tritium	pCi/mL	52.9	59.5
PGW025 B	LAZ_UTRAU	Tritium	pCi/mL	49	50.3
PGW026C	LAZ_UTRAU	Tritium	pCi/mL	53.7	53.5
PGW026DL	UAZ_UTRAU	Tritium	pCi/mL	89.2 B	94.7
PGW027C	LAZ_UTRAU	Tritium	pCi/mL	236	226
PGW027DL	LAZ_UTRAU	Tritium	pCi/mL	421	400
PGW027DU	UAZ_UTRAU	Tritium	pCi/mL	243	194
PGW028DU	UAZ_UTRAU	Tritium	pCi/mL	330	428
PGW035C	LAZ_UTRAU	Tritium	pCi/mL	163	134
PMP004DL	UAZ_UTRAU	Tritium	pCi/mL	232	104
PMP008DL	UAZ_UTRAU	Tritium	pCi/mL	10.2	3.89
PMW005DL	UAZ_UTRAU	Tritium	pCi/mL	349	336
PRB005C	LAZ_UTRAU	Tritium	pCi/mL	31.3	33.3
PSB 1A	UAZ_UTRAU	Tritium	pCi/mL	8.22	6.18
PSB 2A	UAZ_UTRAU	Tritium	pCi/mL	[0.976]	27.8
PSB 3A	UAZ_UTRAU	Tritium	pCi/mL	28.9	8.83
PSB 4A	UAZ_UTRAU	Tritium	pCi/mL	ND (0.192)	18.9
PSB002AA	GAU	Tritium	pCi/mL	5800 B	6480
PSB002AL	GAU	Tritium	pCi/mL	57.4	68.4
PSB002B	LAZ_UTRAU	Tritium	pCi/mL	12000	11100
PSB002C	LAZ_UTRAU	Tritium	pCi/mL	7910	6020
PSB002DL	UAZ_UTRAU	Tritium	pCi/mL	427	355
PSB003DL	UAZ_UTRAU	Tritium	pCi/mL	273	178
PSB011B	LAZ_UTRAU	Tritium	pCi/mL	637	826
PSB011C	LAZ_UTRAU	Tritium	pCi/mL	4000 C	4200
PSB011DL	UAZ_UTRAU	Tritium	pCi/mL	3060	2900
PSC003D1	UAZ_UTRAU	Tritium	pCi/mL	54.2	52.4
PSC003D2	UAZ_UTRAU	Tritium	pCi/mL	266	447
PSC004D1	UAZ_UTRAU	Tritium	pCi/mL	494	524 B
PSC004D2	UAZ_UTRAU	Tritium	pCi/mL	8.15	[10.3]
SC-03	UAZ_UTRAU	Tritium	pCi/mL	476 B	392
SC-04	UAZ_UTRAU	Tritium	pCi/mL	135	131
SC-07	UAZ_UTRAU	Tritium	pCi/mL	39.2	37.5
SC-08	UAZ_UTRAU	Tritium	pCi/mL	30	33.9

[A] Laboratory duplicate; highest result reported

[B] Field duplicate; highest result reported

[C] Split sample, sent to two laboratorys; highest result reported

Values highlighted in green are below MCL, included for comparison

Values highlighted in yellow are below method detection limit (MDL); MDL reported in parenthesis

Values in brackets are estimated values

ND = non-detect; below MDL

TCE MCL = 5 ug/L

Tritium MCL = 20 pCi/mL

Table 4. Summary Table of Screening Level Exceedances for 1Q22

Analyte Group	Analyte Name	CAS Number	Units	Frequency of Detection	Minimum Detected Result	Maximum Detected Result	Screening Level	Screening Level Source	Above Screening Level	Location of Maximum	Date of Maximum Detection
Upper Aquifer Zone											
cVOC	TRICHLOROETHYLENE (TCE)	79-01-6	ug/L	25/48	0.41	7250	5	MCL	15/48	PGW026DL	2/3/2022
cVOC	TETRACHLOROETHYLENE (PCE)	127-18-4	ug/L	11/48	0.38	131	5	MCL	4/48	PAO003DU	2/1/2022
Radionuclide	TRITIUM	10028-17-8	pCi/mL	40/60	1.56	2900	20	MCL	17/60	PSB011DL	2/14/2022
cVOC	CIS-1,2-DICHLOROETHYLENE	156-59-2	ug/L	17/48	0.34	352	70	MCL	3/48	P003L	2/8/2022
Metal	ARSENIC	7440-38-2	ug/L	1/4	20.8	20.8	10	MCL	1/4	PAO001DU	2/1/2022
Metal	CHROMIUM	7440-47-3	ug/L	3/4	2.67	142	100	MCL	1/4	PAO001DU	2/1/2022
Metal	Iron	7439-89-6	mg/L	6/12	0.31	23	14	RSL	2/12	P002U	2/8/2022
Lower Aquifer Zone											
cVOC	TRICHLOROETHYLENE (TCE)	79-01-6	ug/L	14/26	2.24	6820	5	MCL	12/26	PGW026C	2/3/2022
Radionuclide	TRITIUM	10028-17-8	pCi/mL	22/31	0.893	11100	20	MCL	12/31	PSB002B	2/14/2022
cVOC	CIS-1,2-DICHLOROETHYLENE	156-59-2	ug/L	13/26	0.46	180	70	MCL	3/26	PGW026C	2/3/2022
Gordon Aquifer											
Radionuclide	TRITIUM	10028-17-8	pCi/mL	3/5	3.83	6480	20	MCL	2/5	PSB002AA	2/9/2022
Surface Water											
cVOC	TRICHLOROETHYLENE (TCE)	79-01-6	ug/L	2/5	1.06	16	5	MCL	1/5	SC-03	2/10/2022
Radionuclide	TRITIUM	10028-17-8	pCi/mL	4/5	33.9	392	20	MCL	4/5	SC-03	2/10/2022

cVOC = chlorinated volatile organic compound

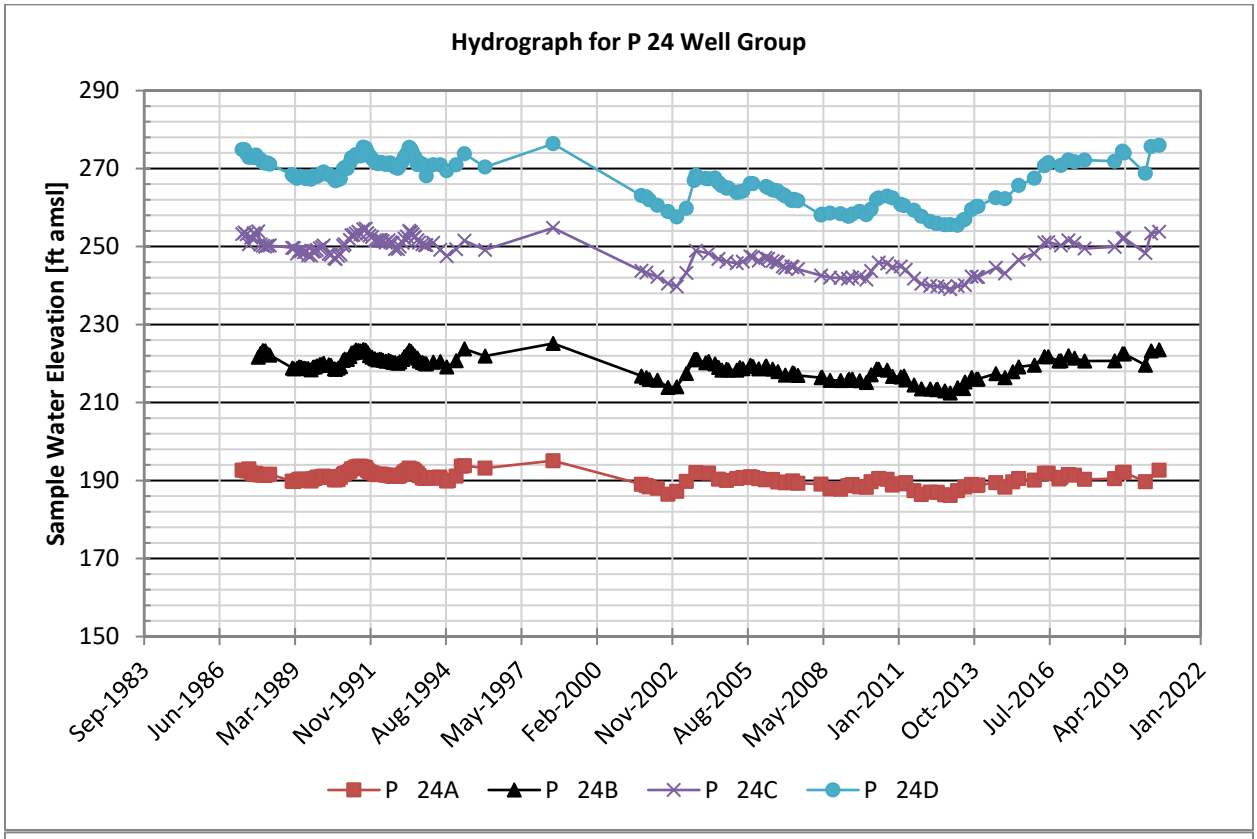
MCL = maximum contaminant level

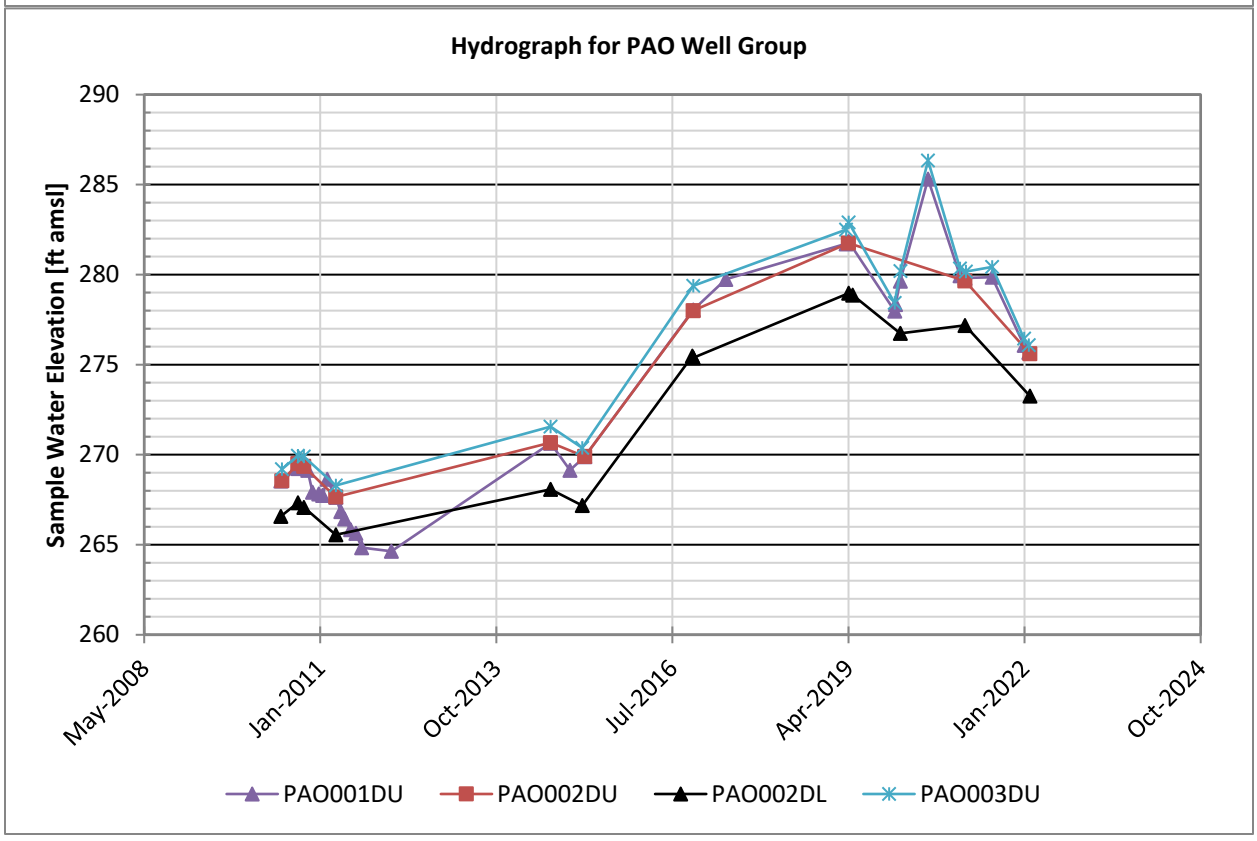
RSL = regional screening level

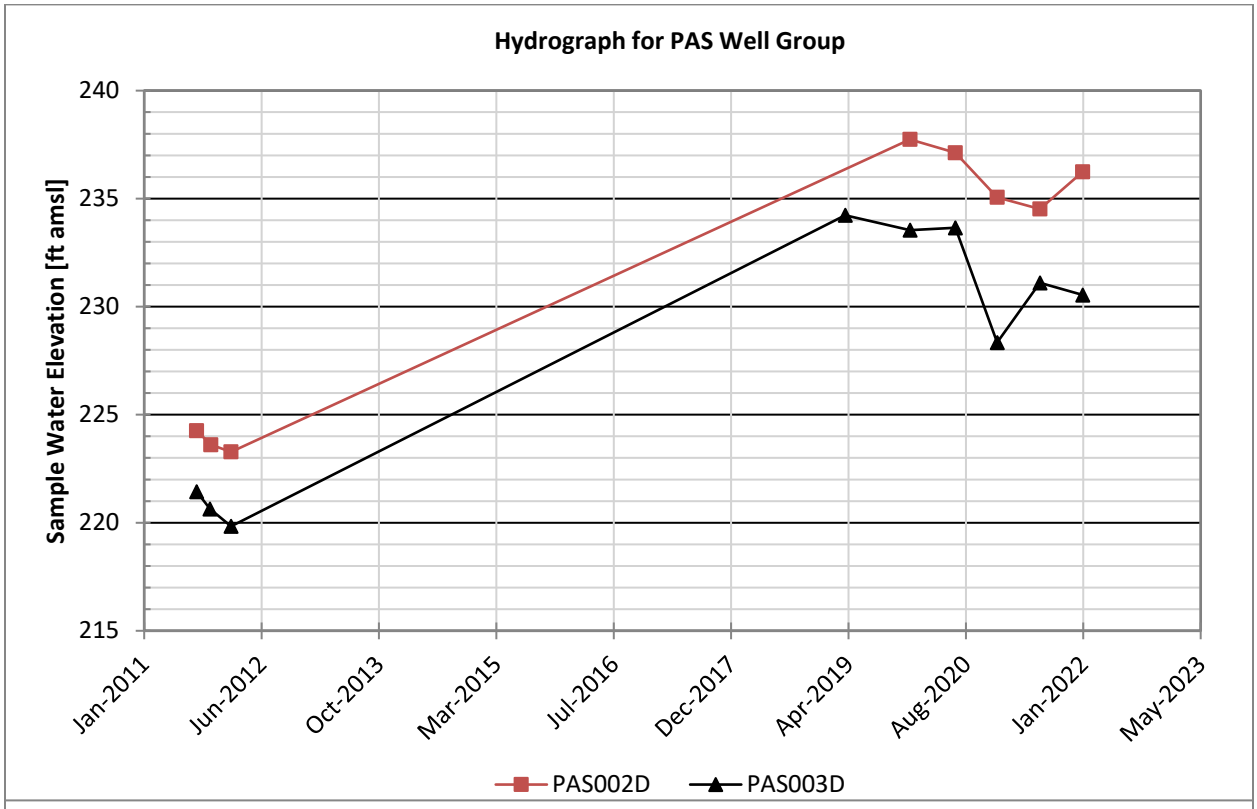
APPENDIX A

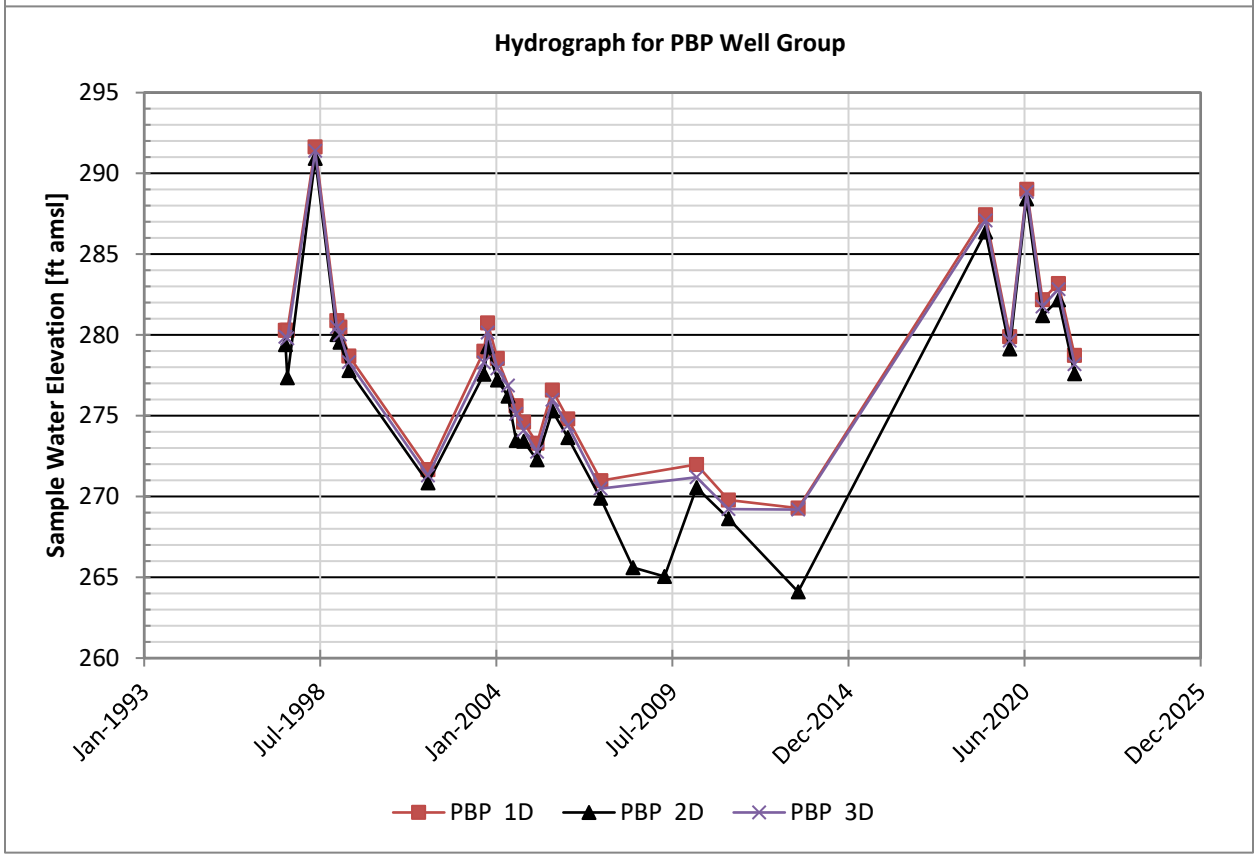
HYDROGRAPHS FOR PAGW OU 2022 SAMPLING

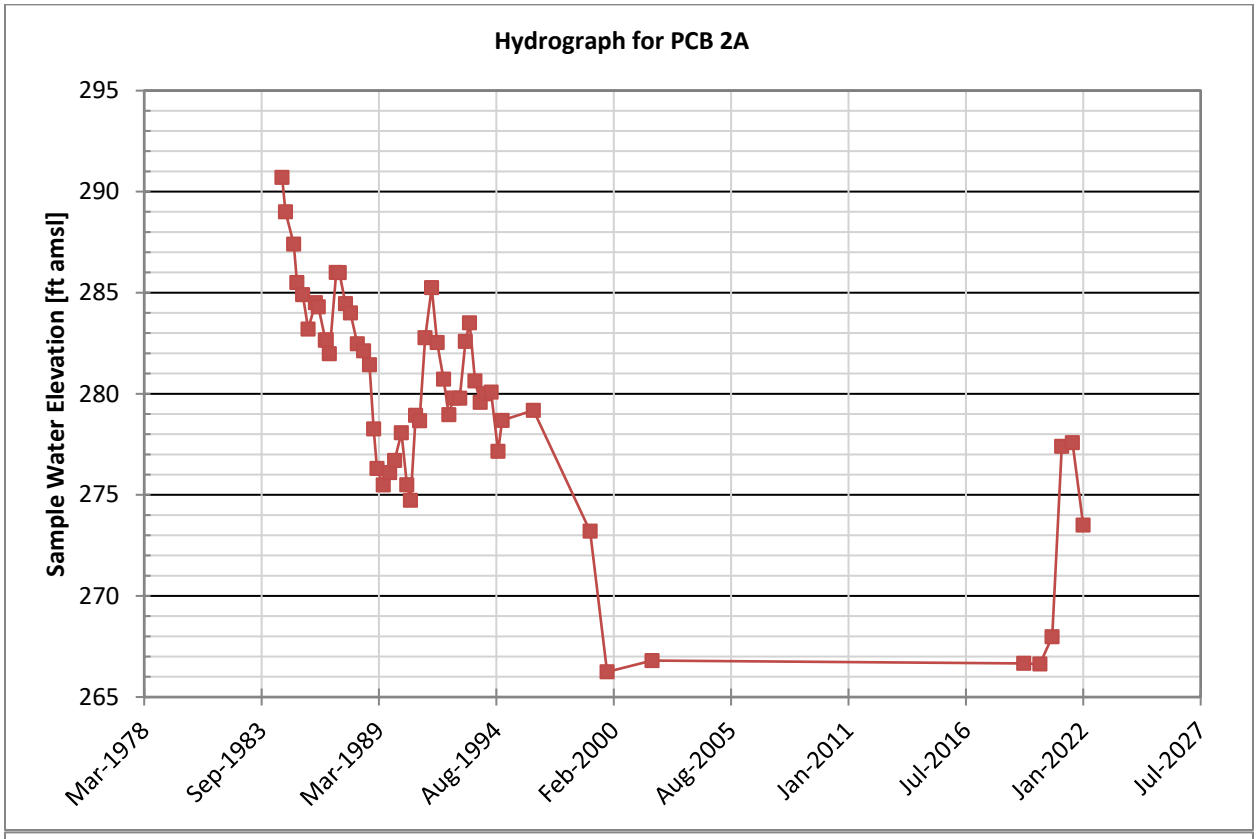
This page intentionally left blank.

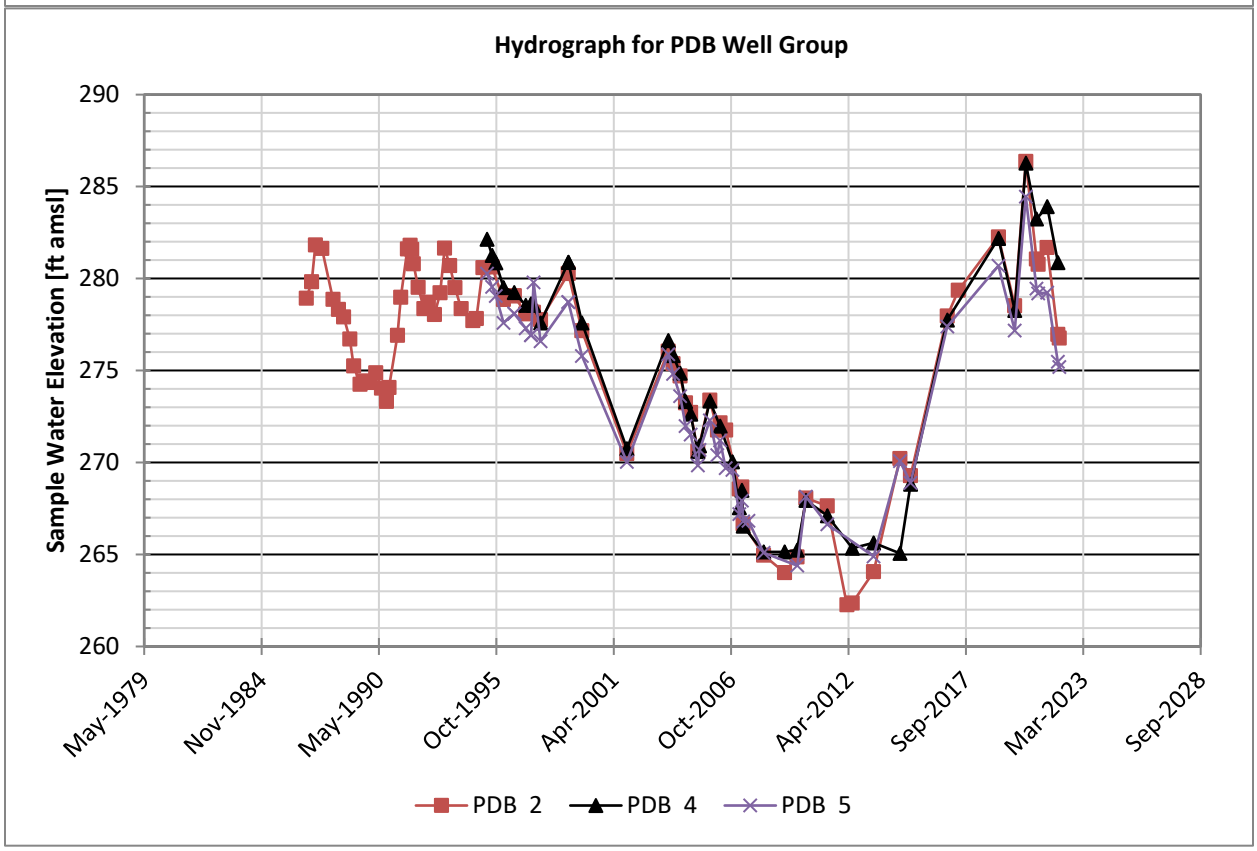

Hydrograph for P 24 Well Group
Sample Water Elevation [ft amsl]
290
270
250
230
210
190
170
150
Sep-1983
Jun-1986
Mar-1989
Nov-1991
Aug-1994
May-1997
Feb-2000
Nov-2002
Aug-2005
May-2008
Jan-2011
Oct-2013
Jul-2016
Apr-2019
Jan-2022
P 24A
P 24B
P 24C
P 24D

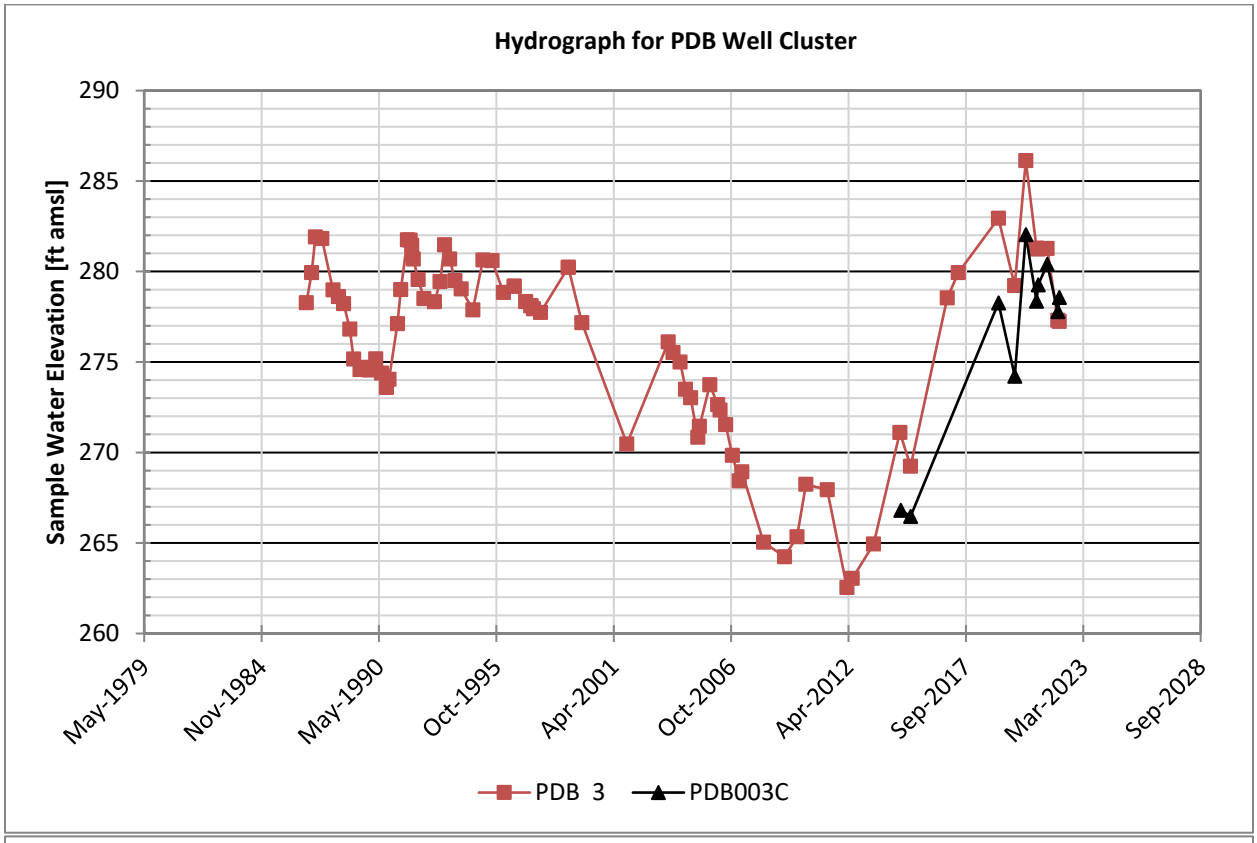

Hydrograph for PAO Well Group
Sample Water Elevation [ft amsl]
290
285
280
275
270
265
260
May-2008
Jan-2011
Oct-2013
Jul-2016
Apr-2019
Jan-2022
Oct-2024
PAO001DU
PAO002DU
PAO002DL
PAO003DU

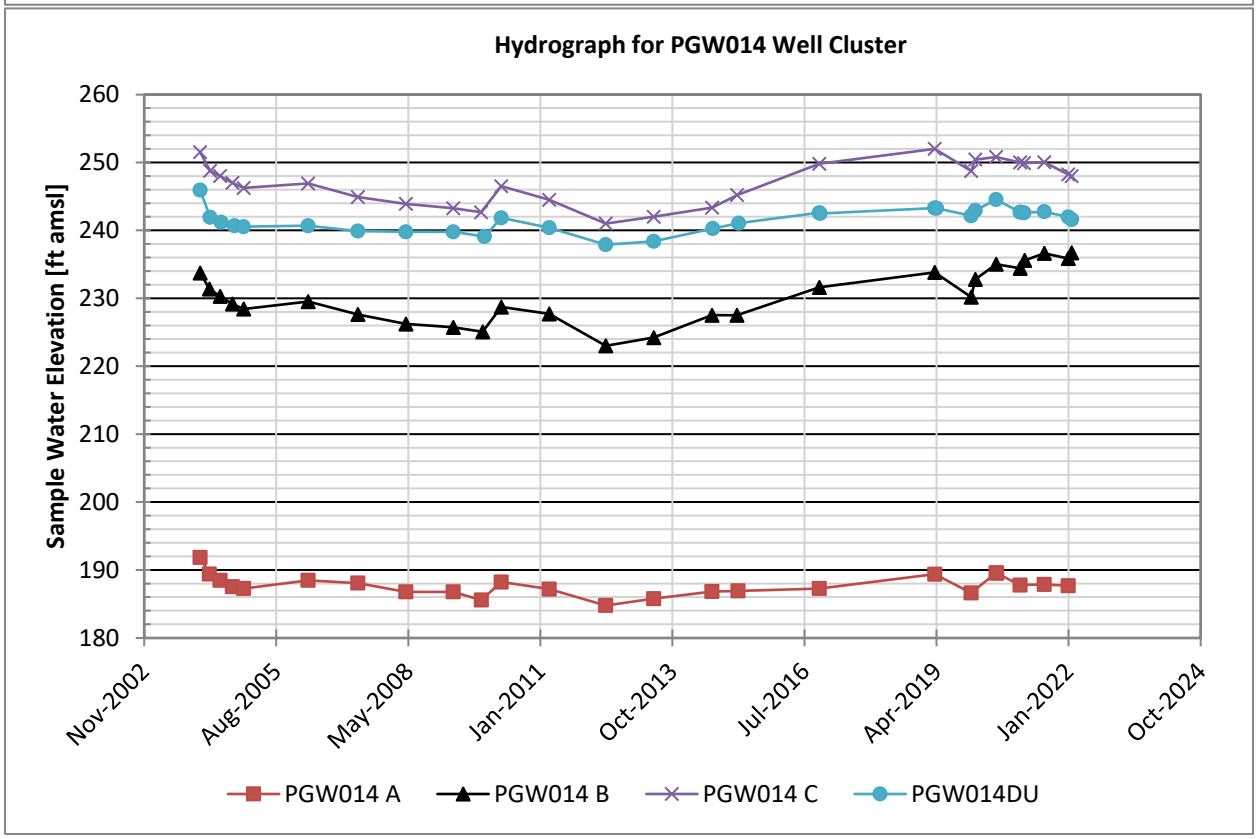

Hydrograph for PAS Well Group
Sample Water Elevation [ft amsl]
240
235
230
225
220
215
Jan-2011
Jun-2012
Oct-2013
Mar-2015
Jul-2016
Dec-2017
Apr-2019
Aug-2020
Jan-2022
May-2023
PAS002D
PAS003D

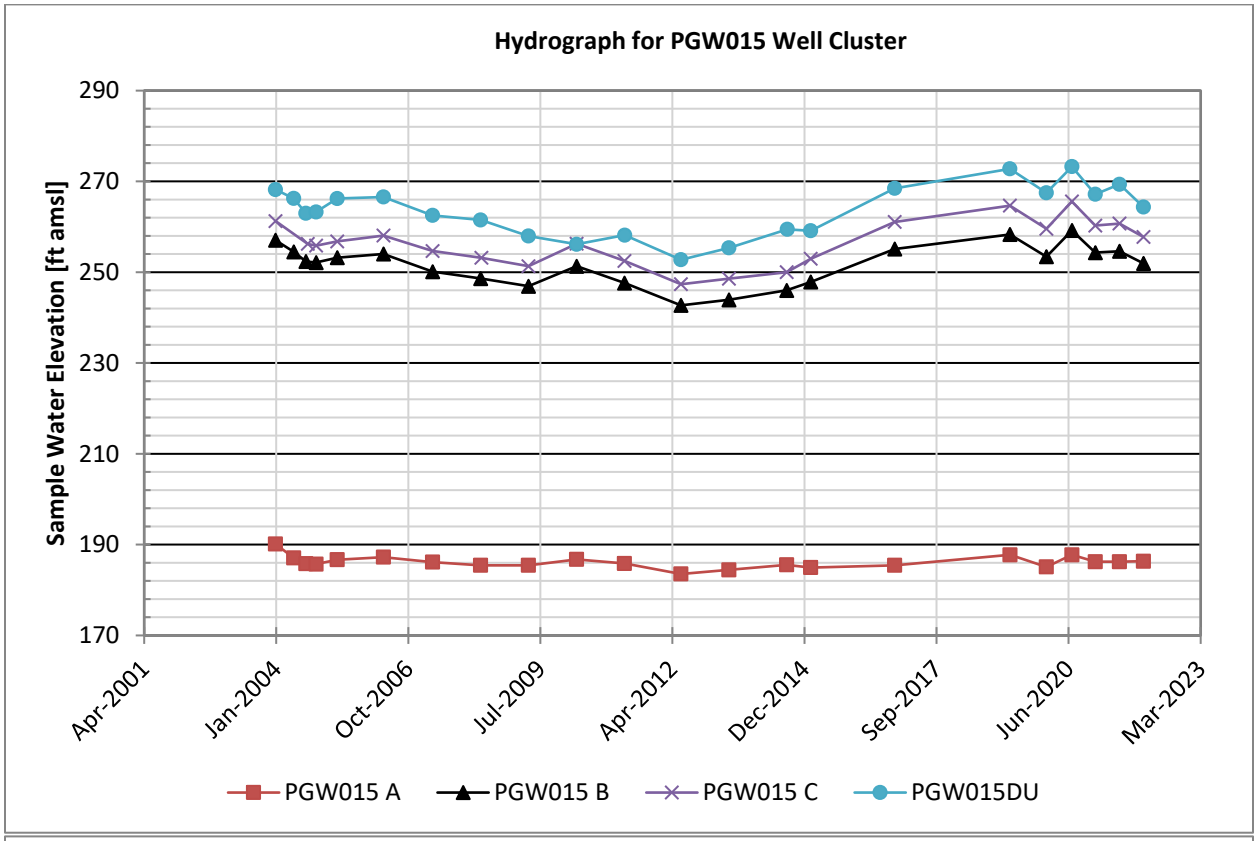

Hydrograph for PBP Well Group
Sample Water Elevation [ft amsl]
295
290
285
280
275
270
265
260
Jan-1993
Jul-1998
Jan-2004
Jul-2009
Dec-2014
Jun-2020
Dec-2025
PBP 1D
PBP 2D
PBP 3D

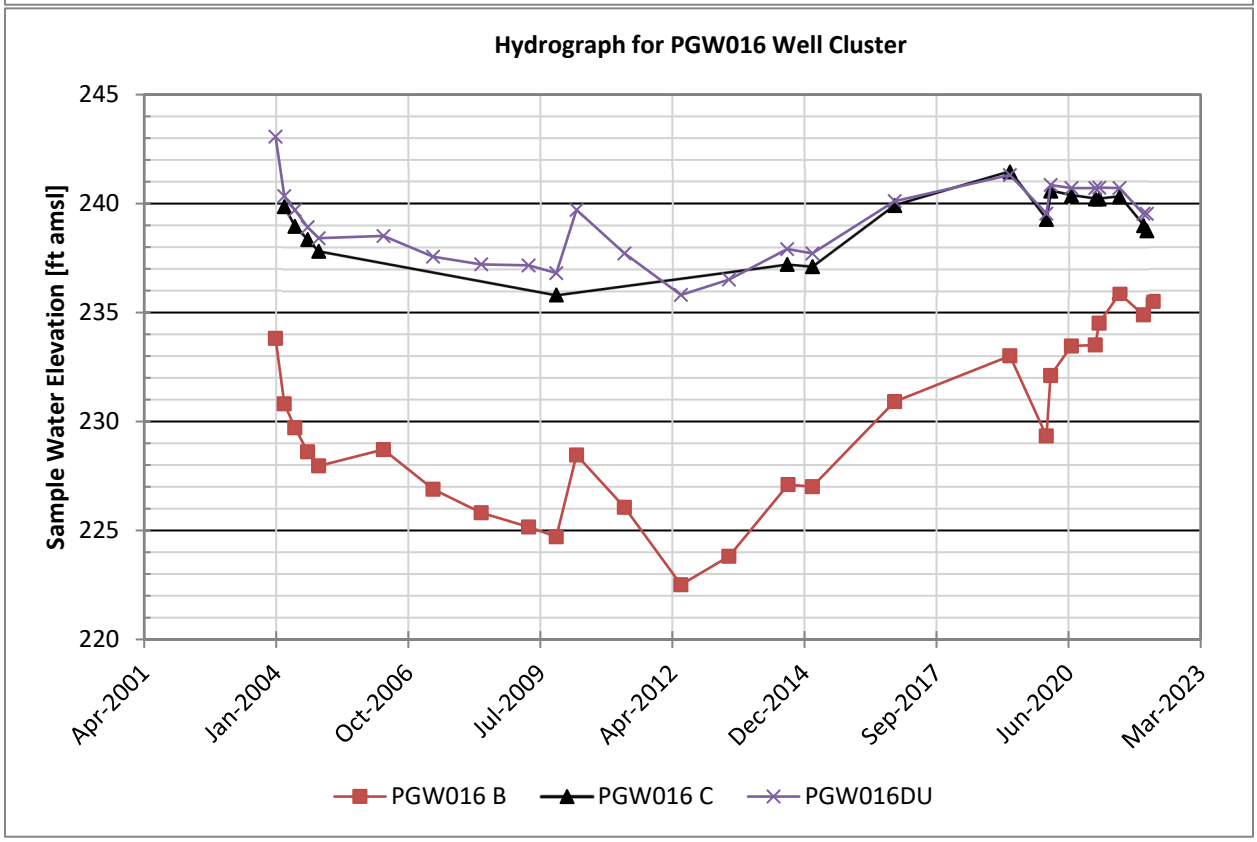

Hydrograph for PCB 2A
Sample Water Elevation [ft amsl]
295
290
285
280
275
270
265
Mar-1978
Sep-1983
Mar-1989
Aug-1994
Feb-2000
Aug-2005
Jan-2011
Jul-2016
Jan-2022
Jul-2027

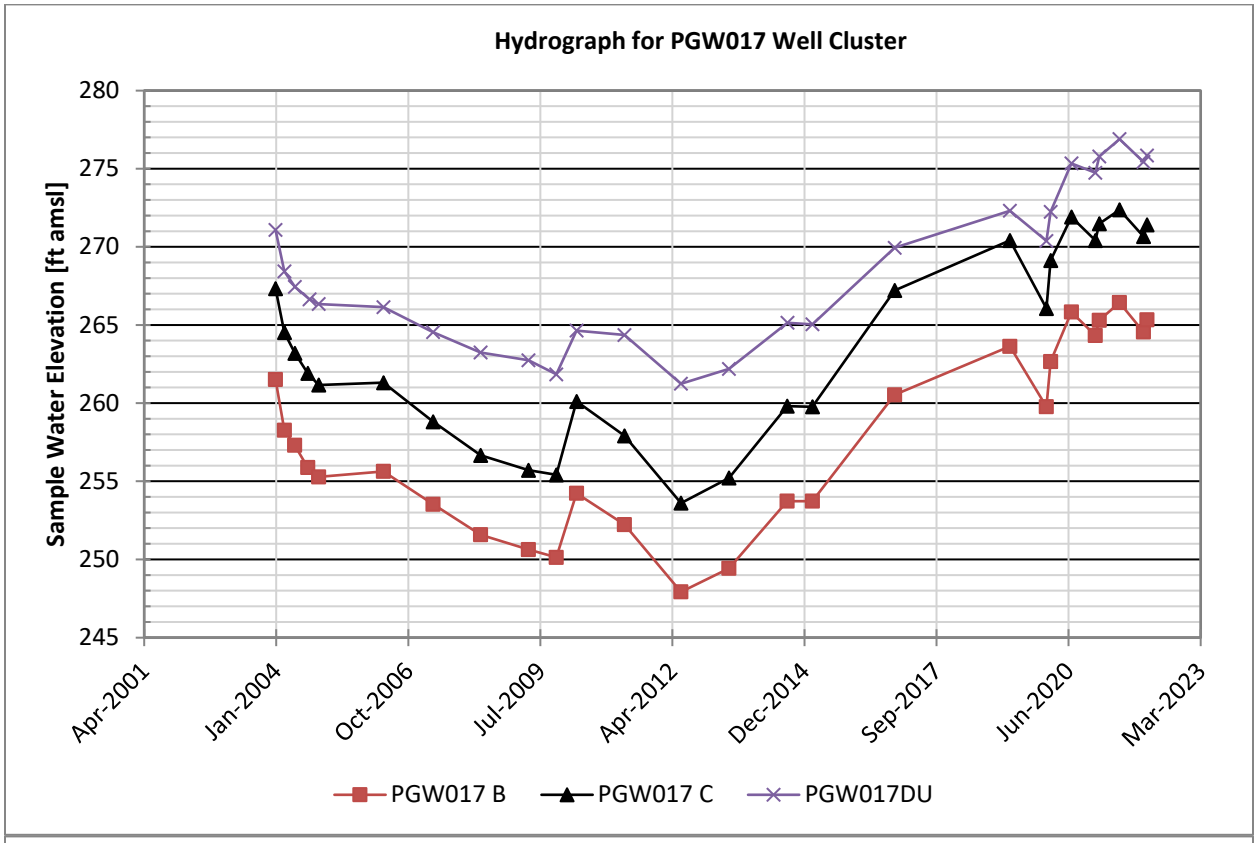

Hydrograph for PDB Well Group
Sample Water Elevation [ft amsl]
290
285
280
275
270
265
260
May-1979
Nov-1984
May-1990
Oct-1995
Apr-2001
Oct-2006
Apr-2012
Sep-2017
Mar-2023
Sep-2028
PDB 2
PDB 4
PDB 5

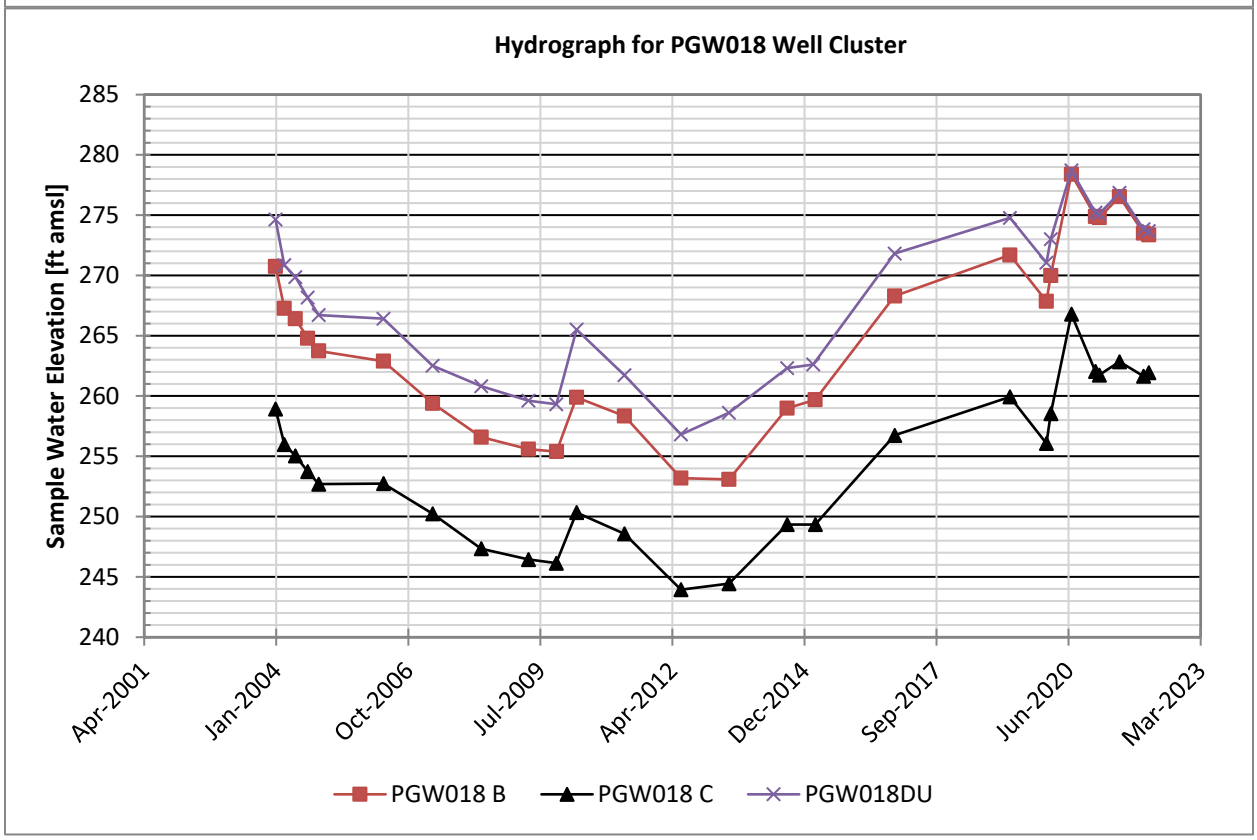

Hydrograph for PDB Well Cluster
Sample Water Elevation [ft amsl]
290
285
280
275
270
265
260
May-1979
Nov-1984
May-1990
Oct-1995
Apr-2001
Oct-2006
Apr-2012
Sep-2017
Mar-2023
Sep-2028
PDB 3
PDB003C

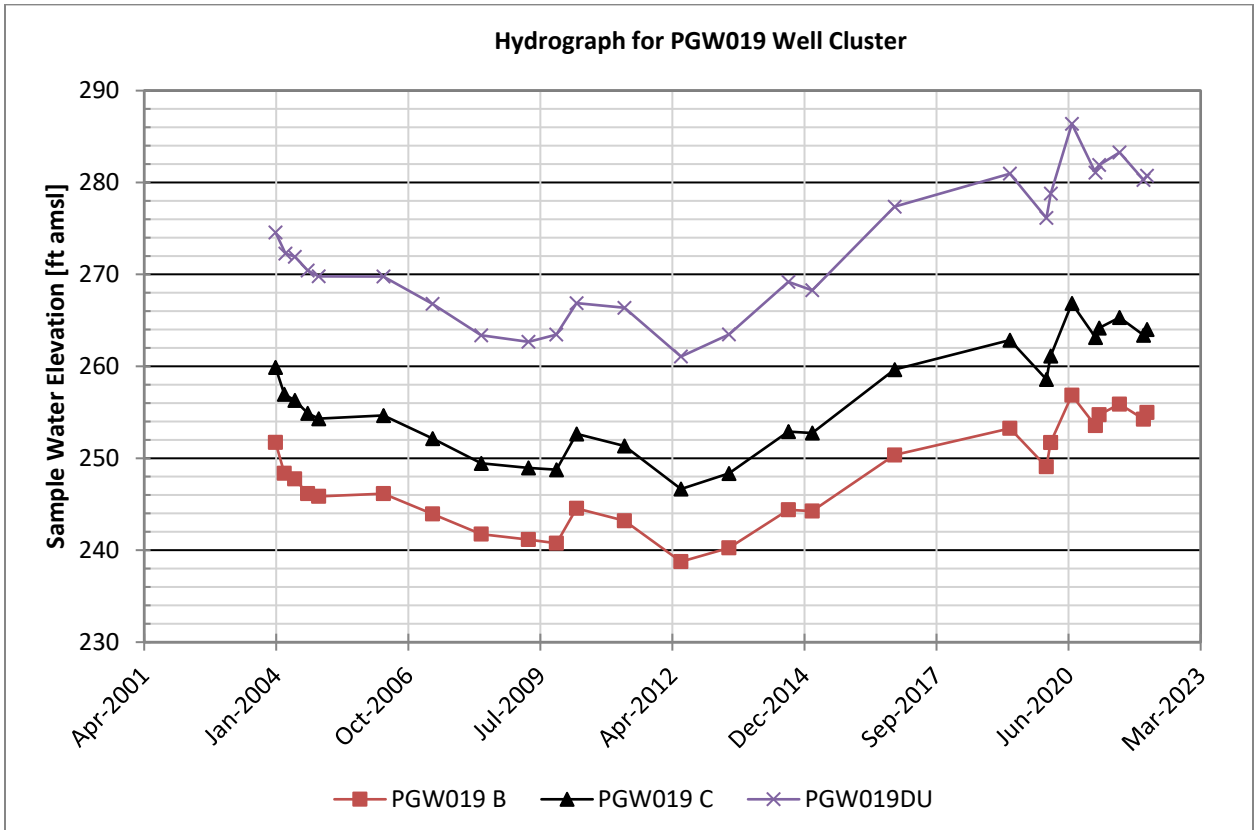

Hydrograph for PGW014 Well Cluster
Sample Water Elevation [ft amsl]
260
250
240
230
220
210
200
190
180
Nov-2002
Aug-2005
May-2008
Jan-2011
Oct-2013
Jul-2016
Apr-2019
Jan-2022
Oct-2024
PGW014 A
PGW014 B
PGW014 C
PGW014DU

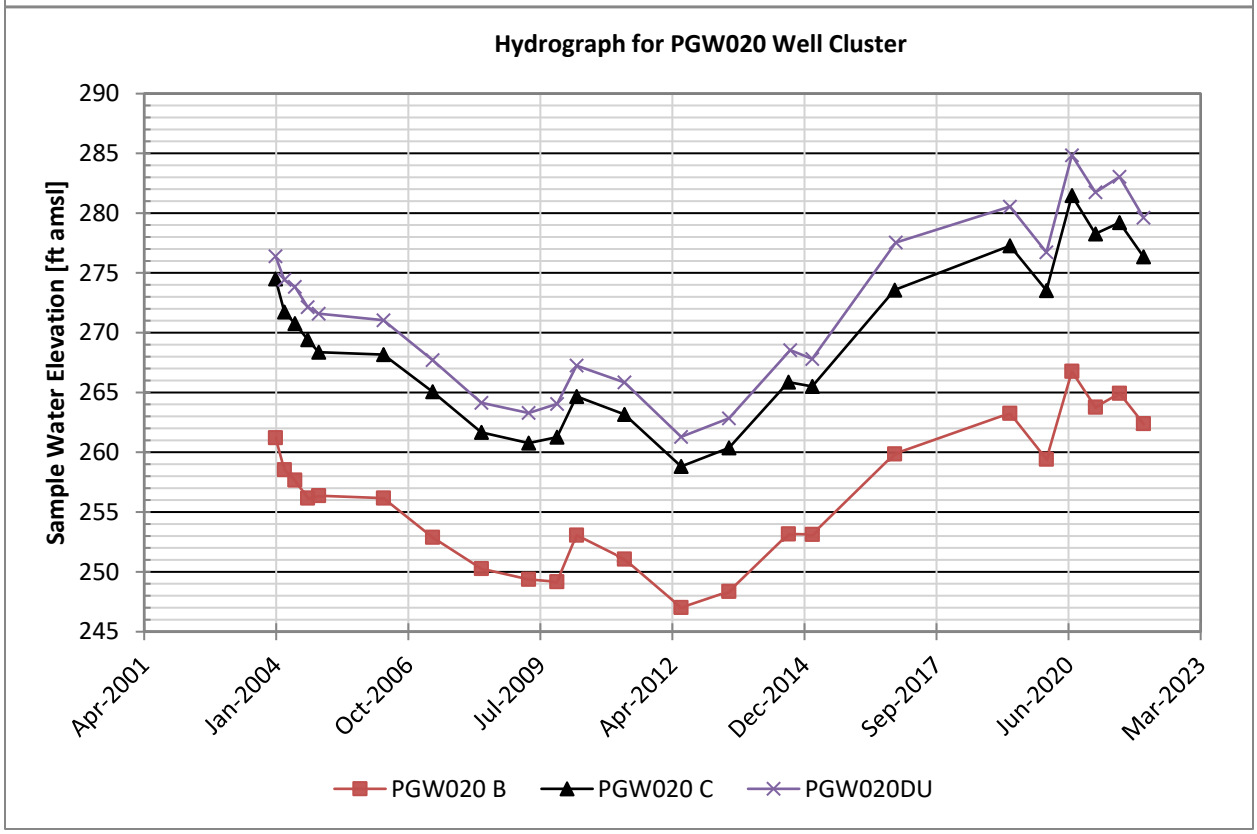

Hydrograph for PGW015 Well Cluster
Sample Water Elevation [ft amsl]
290
270
250
230
210
190
170
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW015 A
PGW015 B
PGW015 C
PGW015DU

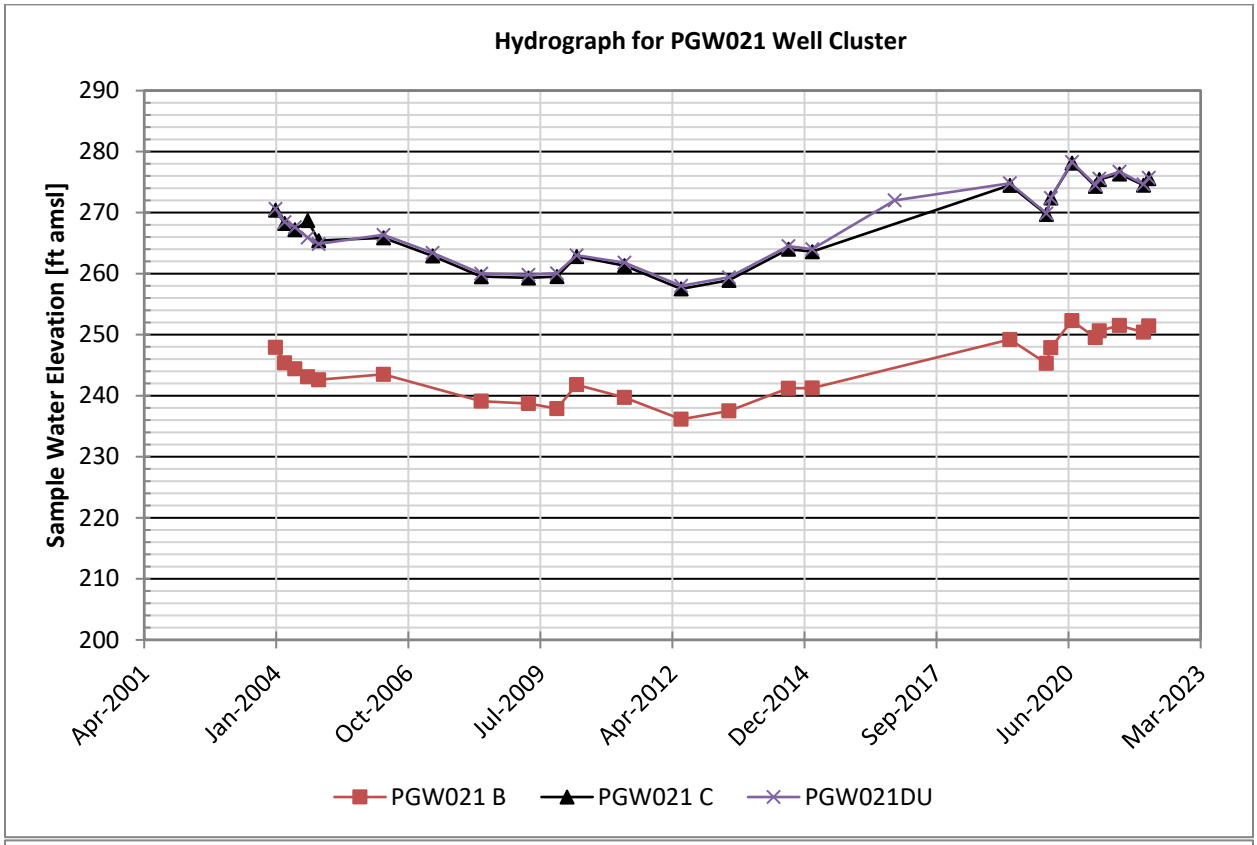

Hydrograph for PGW016 Well Cluster
Sample Water Elevation [ft amsl]
245
240
235
230
225
220
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW016 B
PGW016 C
PGW016DU

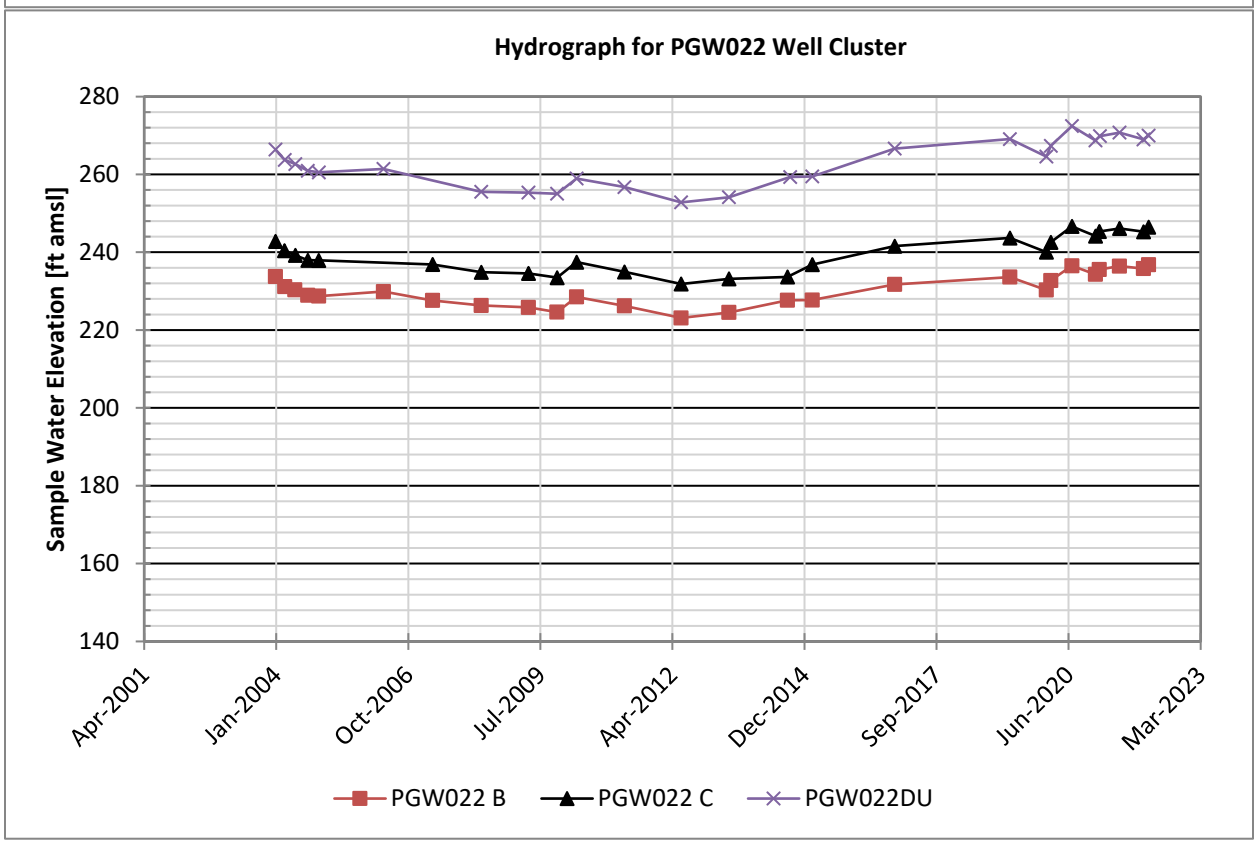

Hydrograph for PGW017 Well Cluster
Sample Water Elevation [ft amsl]
280
275
270
265
260
255
250
245
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW017 B
PGW017 C
PGW017DU

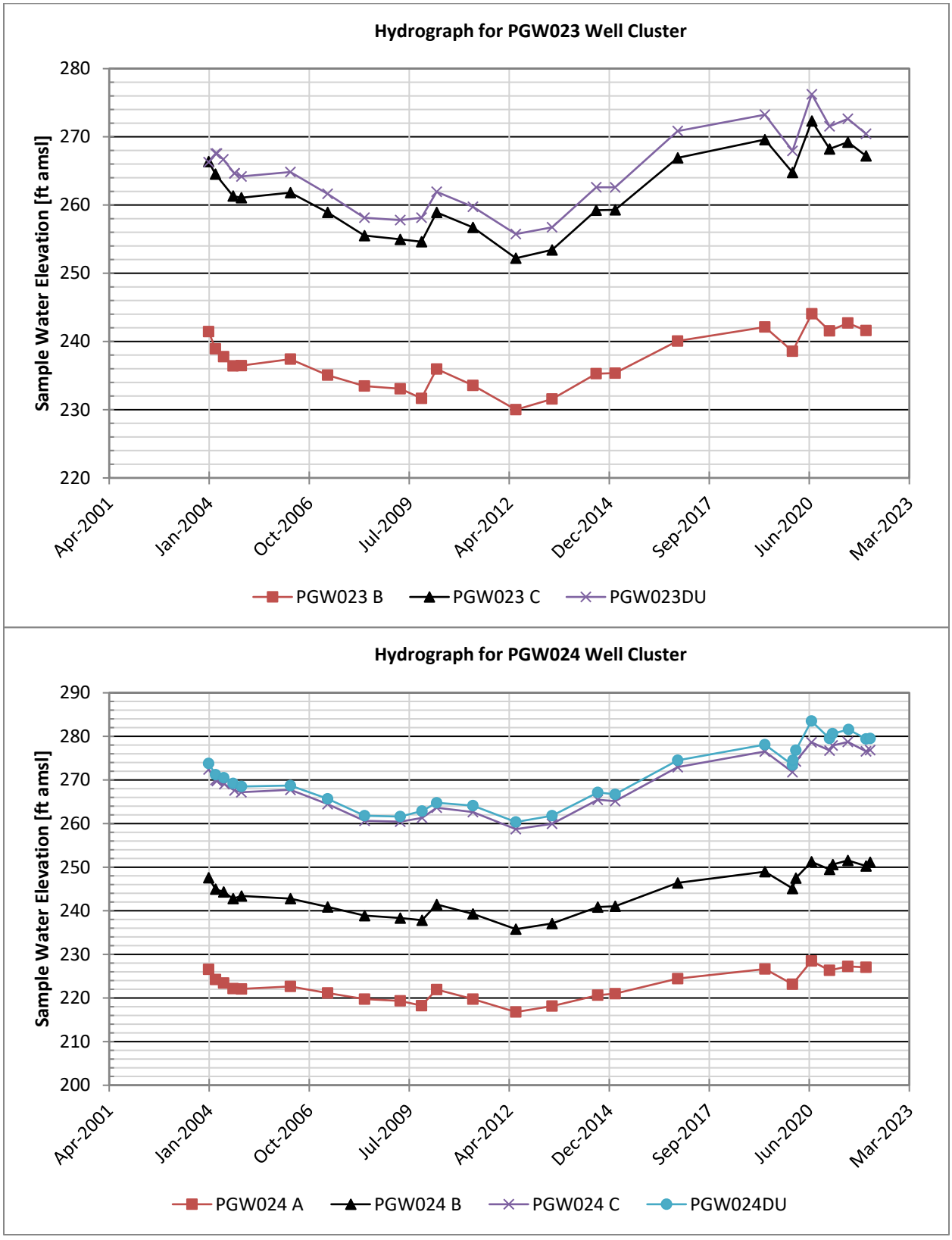

Hydrograph for PGW018 Well Cluster
Sample Water Elevation [ft amsl]
285
280
275
270
265
260
255
250
245
240
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW018 B
PGW018 C
PGW018DU

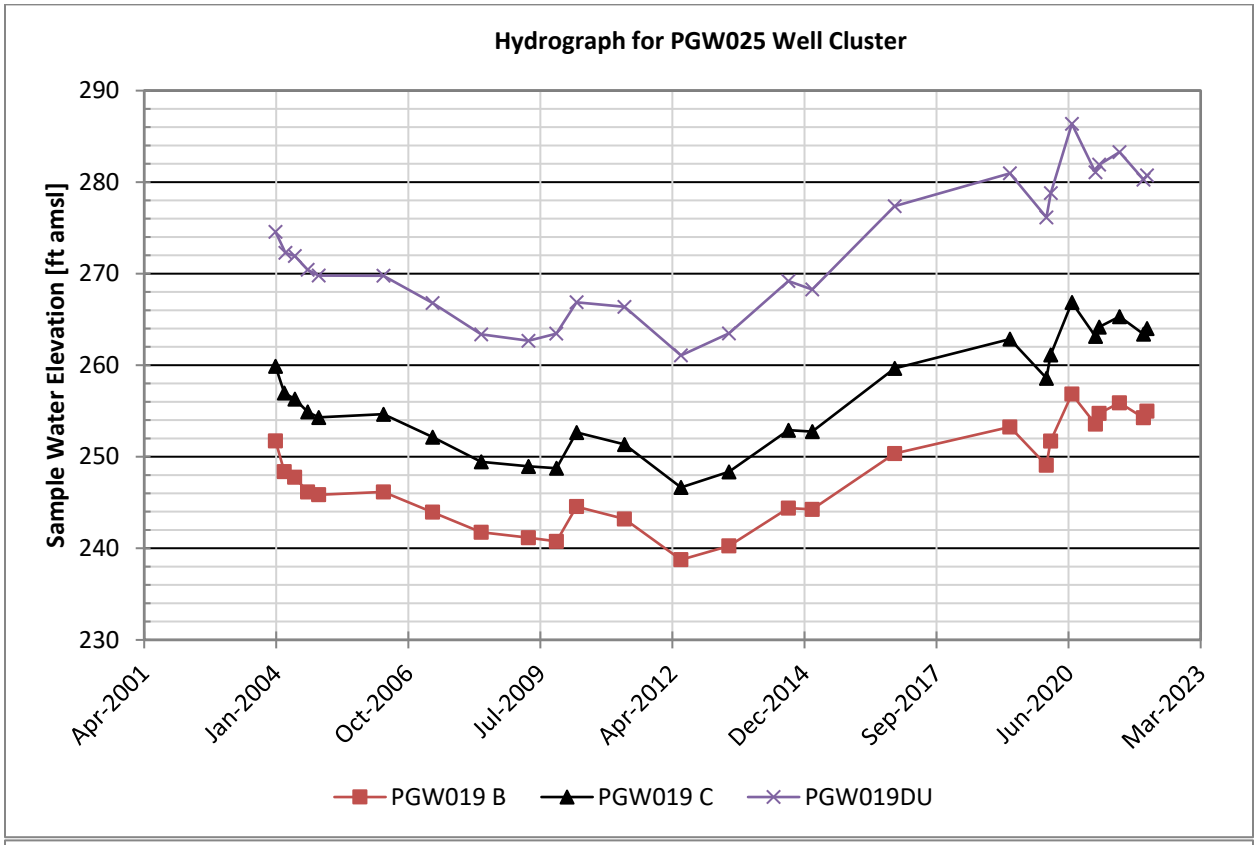

Hydrograph for PGW019 Well Cluster
Sample Water Elevation [ft amsl]
290
280
270
260
250
240
230
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW019 B
PGW019 C
PGW019DU

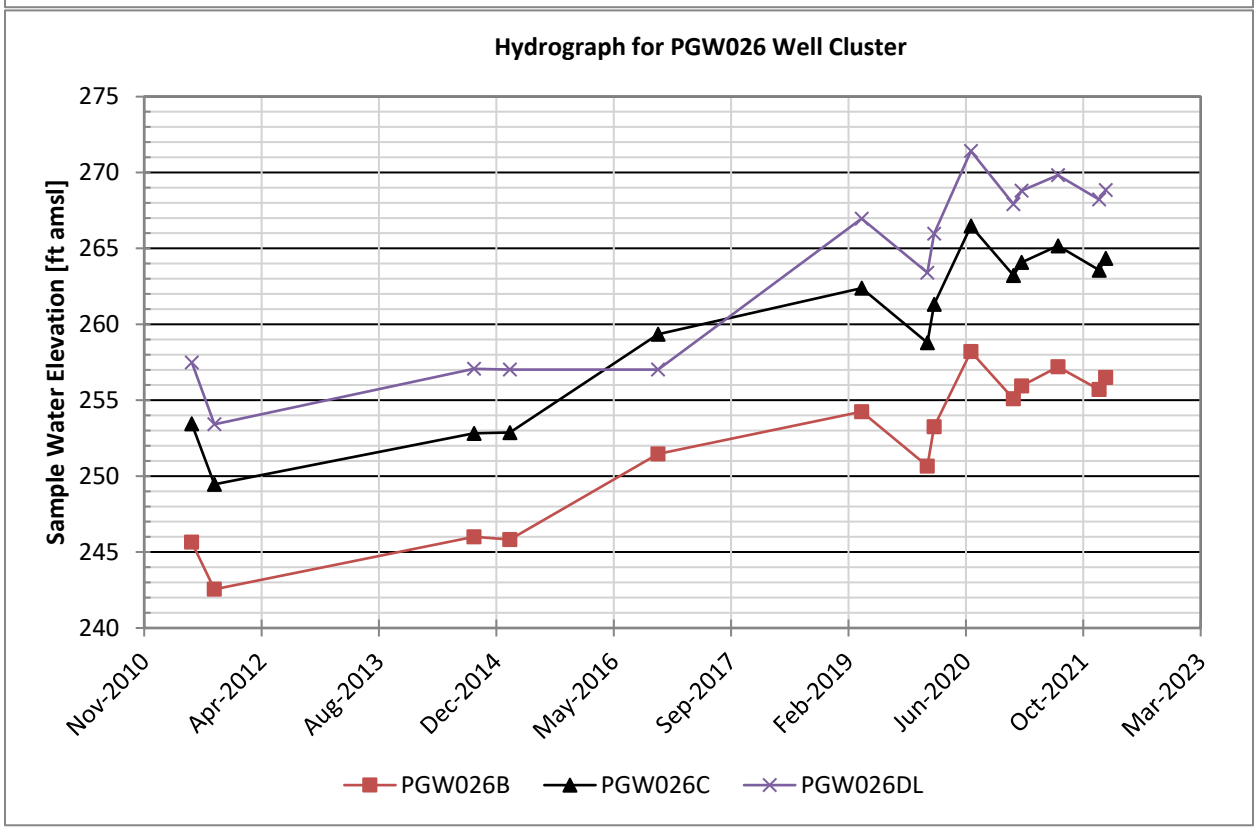

Hydrograph for PGW020 Well Cluster
Sample Water Elevation [ft amsl]
290
285
280
275
270
265
260
255
250
245
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW020 B
PGW020 C
PGW020DU

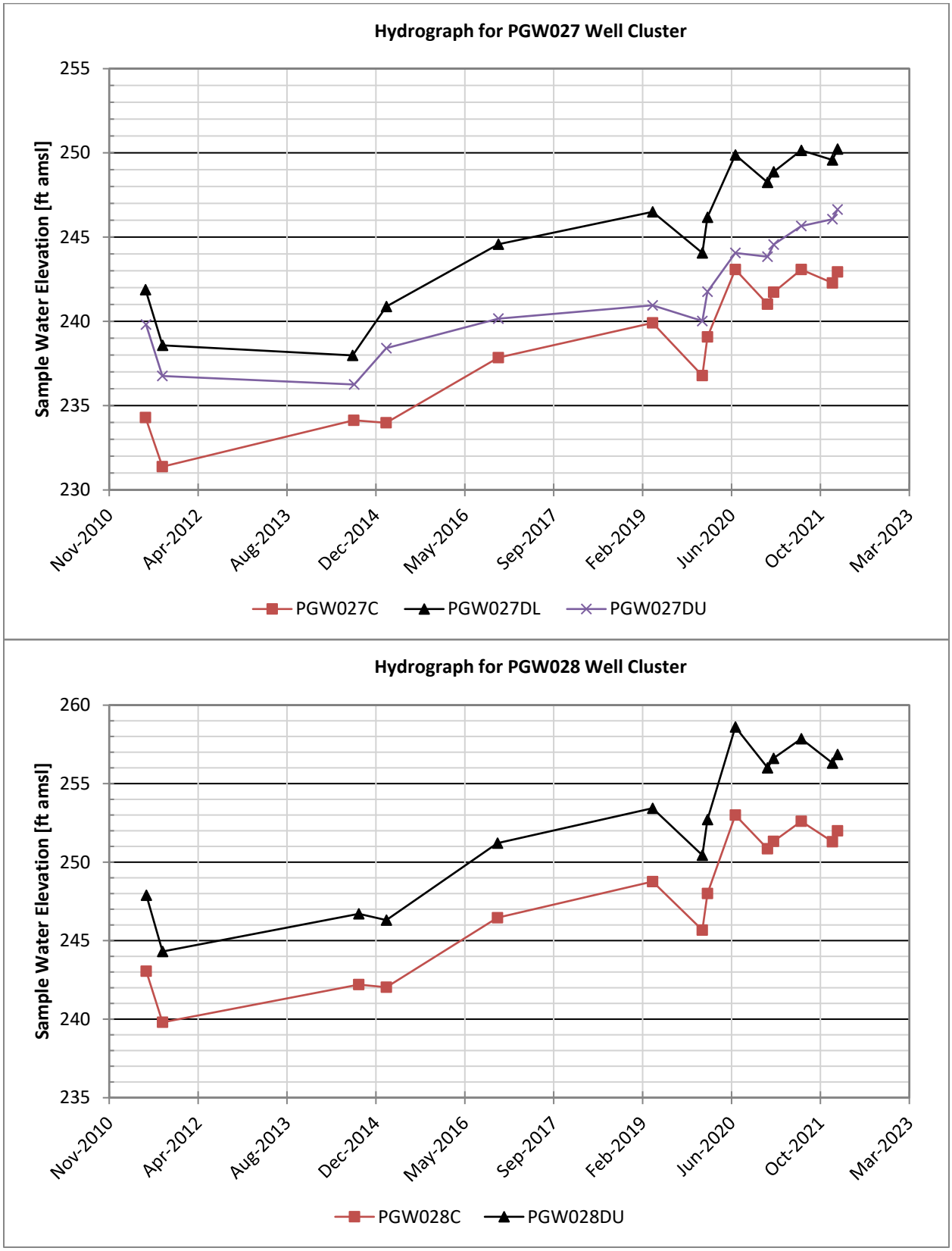

Hydrograph for PGW021 Well Cluster
Sample Water Elevation [ft amsl]
290
280
270
260
250
240
230
220
210
200
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW021 B
PGW021 C
PGW021DU

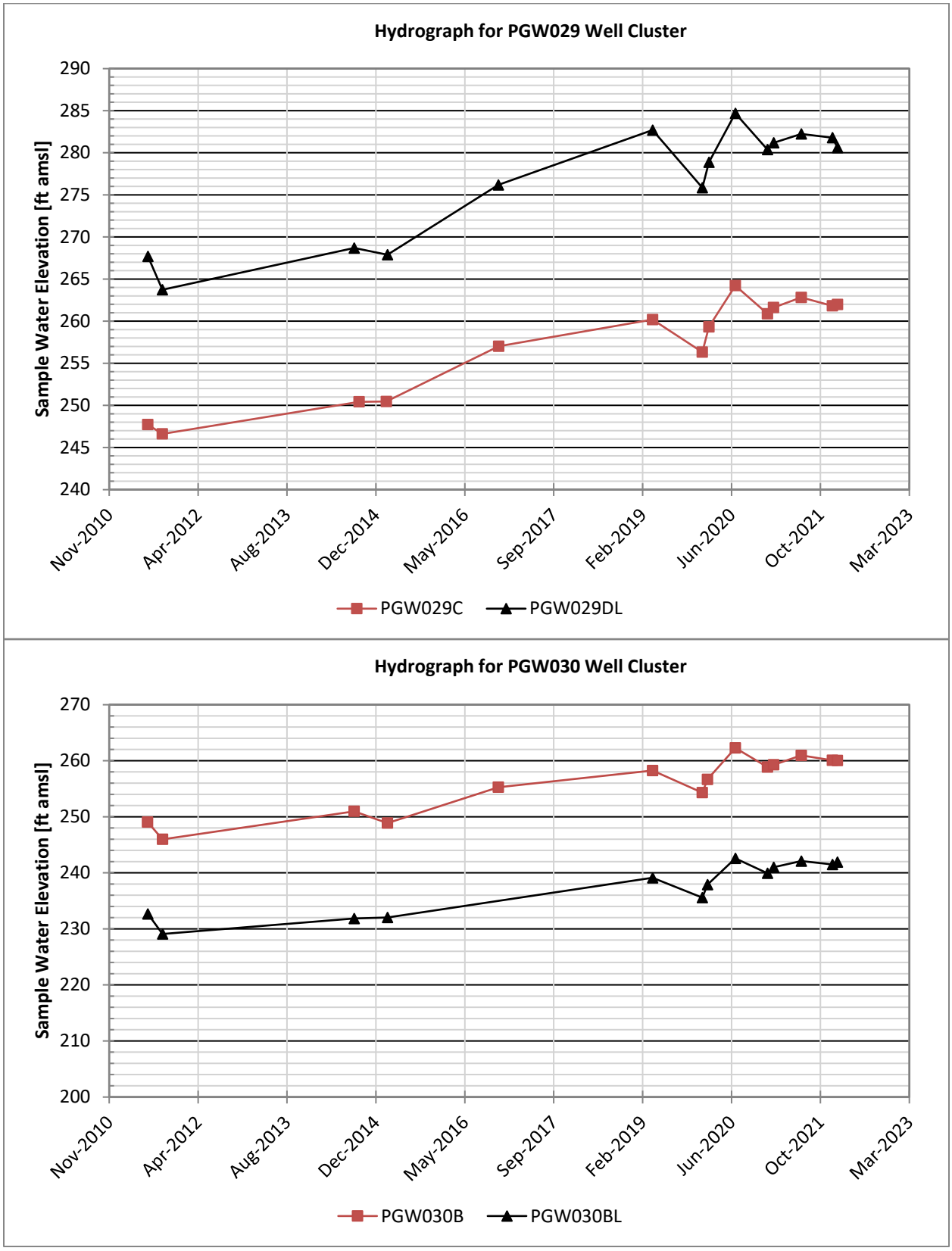

Hydrograph for PGW022 Well Cluster
Sample Water Elevation [ft amsl]
280
260
240
220
200
180
160
140
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW022 B
PGW022 C
PGW022DU

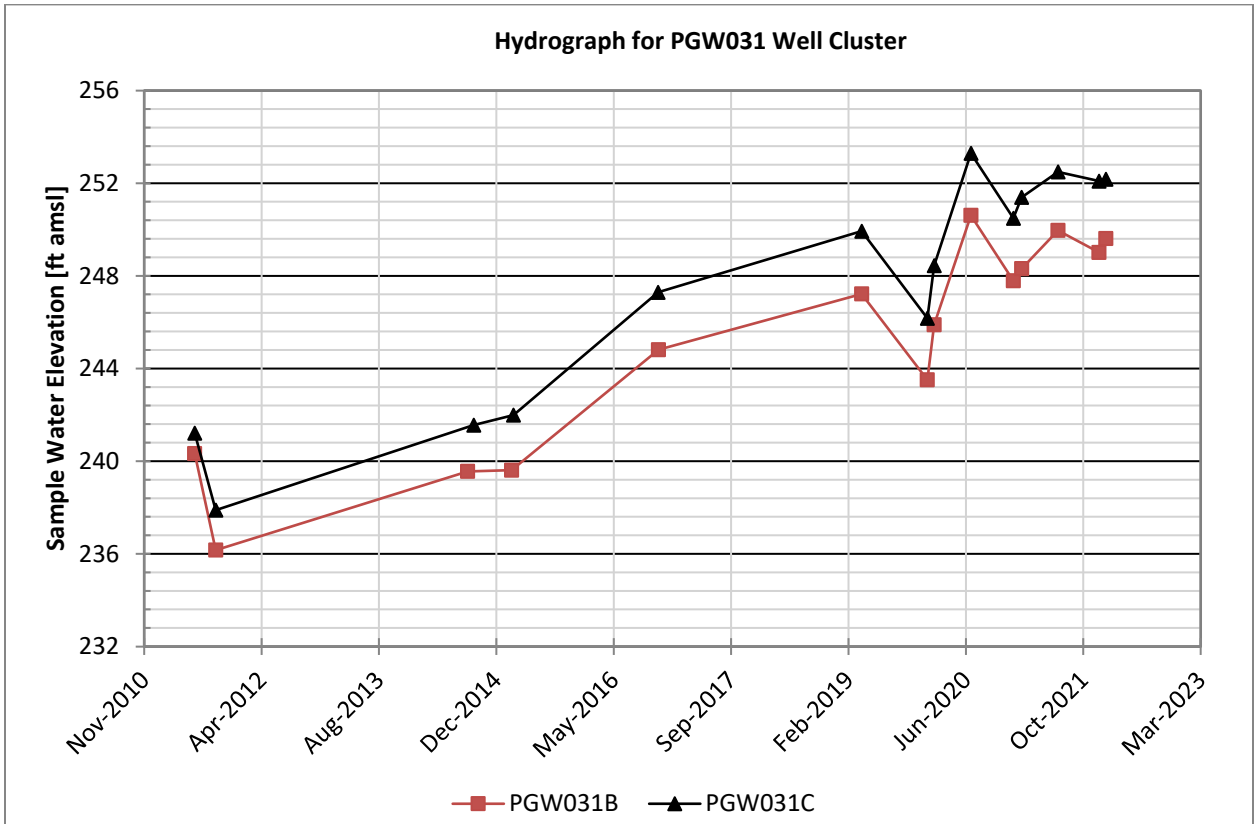

Hydrograph for PGW023 Well Cluster
Sample Water Elevation [ft amsl]
280
270
260
250
240
230
220
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW023 B
PGW023 C
PGW023DU
Hydrograph for PGW024 Well Cluster
Sample Water Elevation [ft amsl]
290
280
270
260
250
240
230
220
210
200
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW024 A
PGW024 B
PGW024 C
PGW024DU

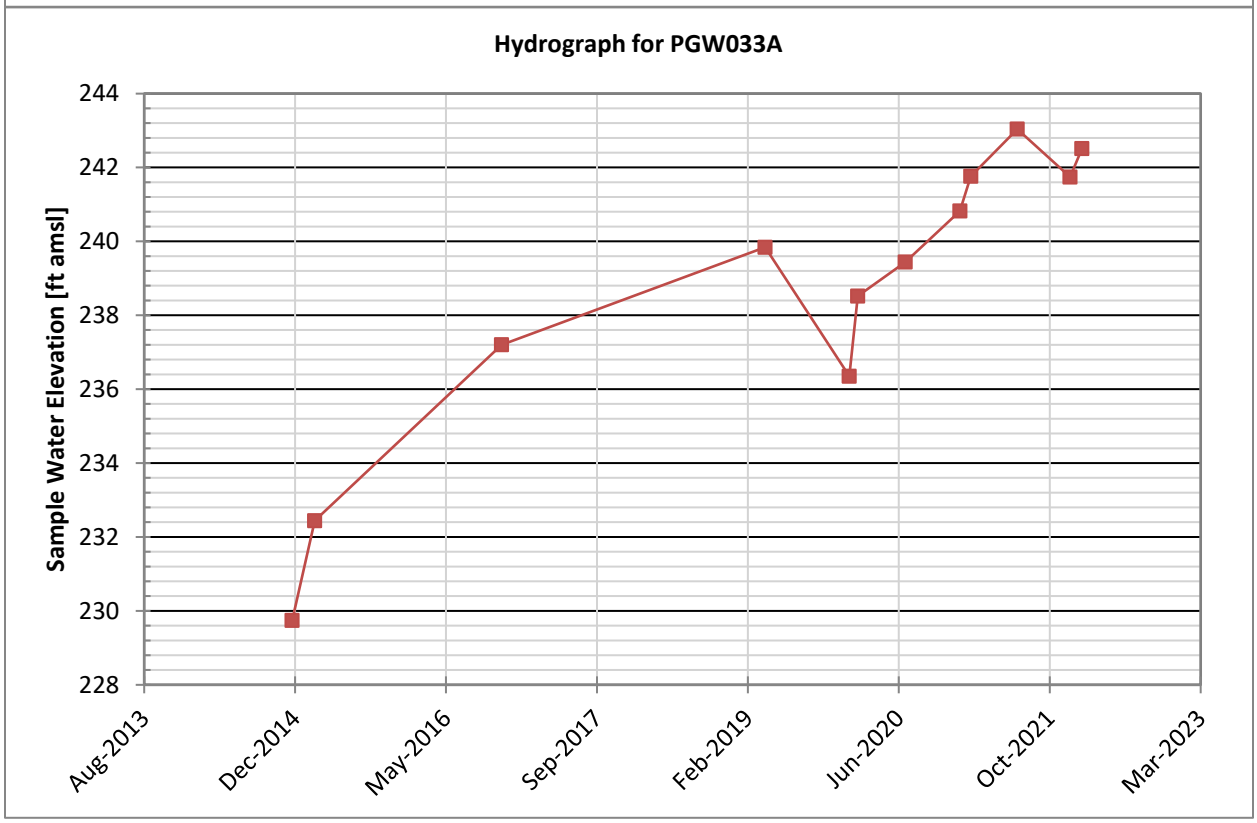

Hydrograph for PGW025 Well Cluster
Sample Water Elevation [ft amsl]
290
280
270
260
250
240
230
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW019 B
PGW019 C
PGW019DU

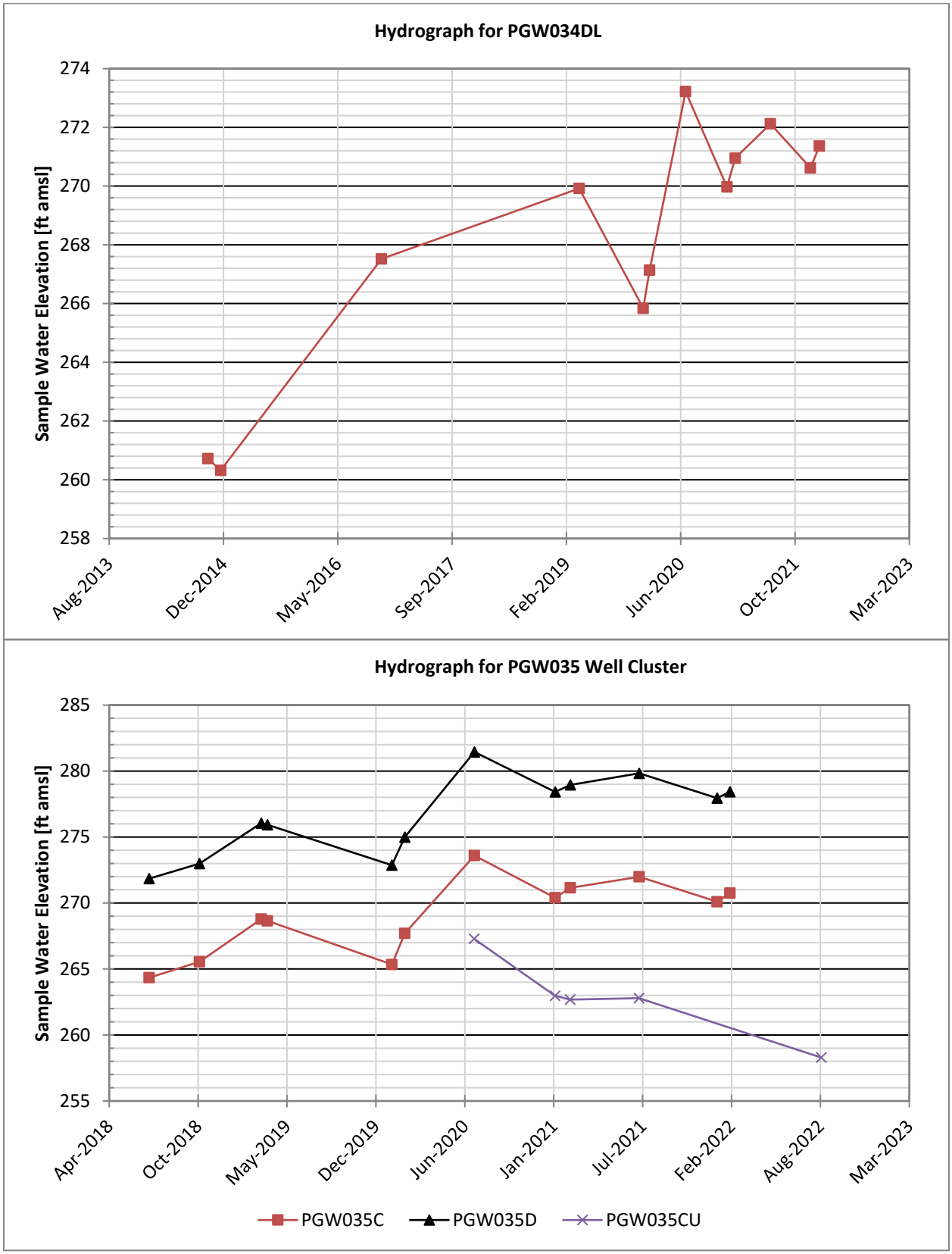

Hydrograph for PGW026 Well Cluster
Sample Water Elevation [ft amsl]
275
270
265
260
255
250
245
240
Nov-2010
Apr-2012
Aug-2013
Dec-2014
May-2016
Sep-2017
Feb-2019
Jun-2020
Oct-2021
Mar-2023
PGW026B
PGW026C
PGW026DL

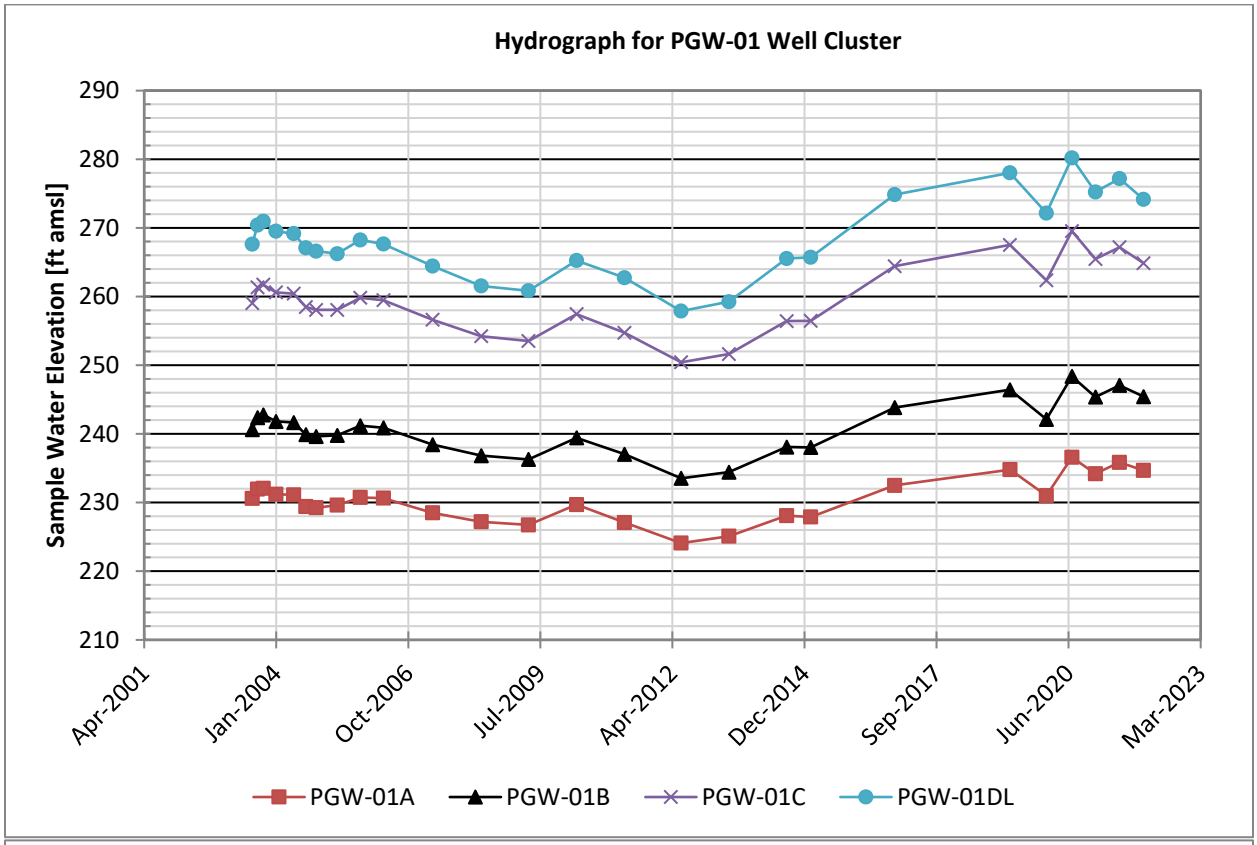

Hydrograph for PGW027 Well Cluster
Sample Water Elevation [ft amsl]
255
250
245
240
235
230
Nov-2010
Apr-2012
Aug-2013
Dec-2014
May-2016
Sep-2017
Feb-2019
Jun-2020
Oct-2021
Mar-2023
PGW027C
PGW027DL
PGW027DU
Hydrograph for PGW028 Well Cluster
Sample Water Elevation [ft amsl]
260
255
250
245
240
235
Nov-2010
Apr-2012
Aug-2013
Dec-2014
May-2016
Sep-2017
Feb-2019
Jun-2020
Oct-2021
Mar-2023
PGW028C
PGW028DU

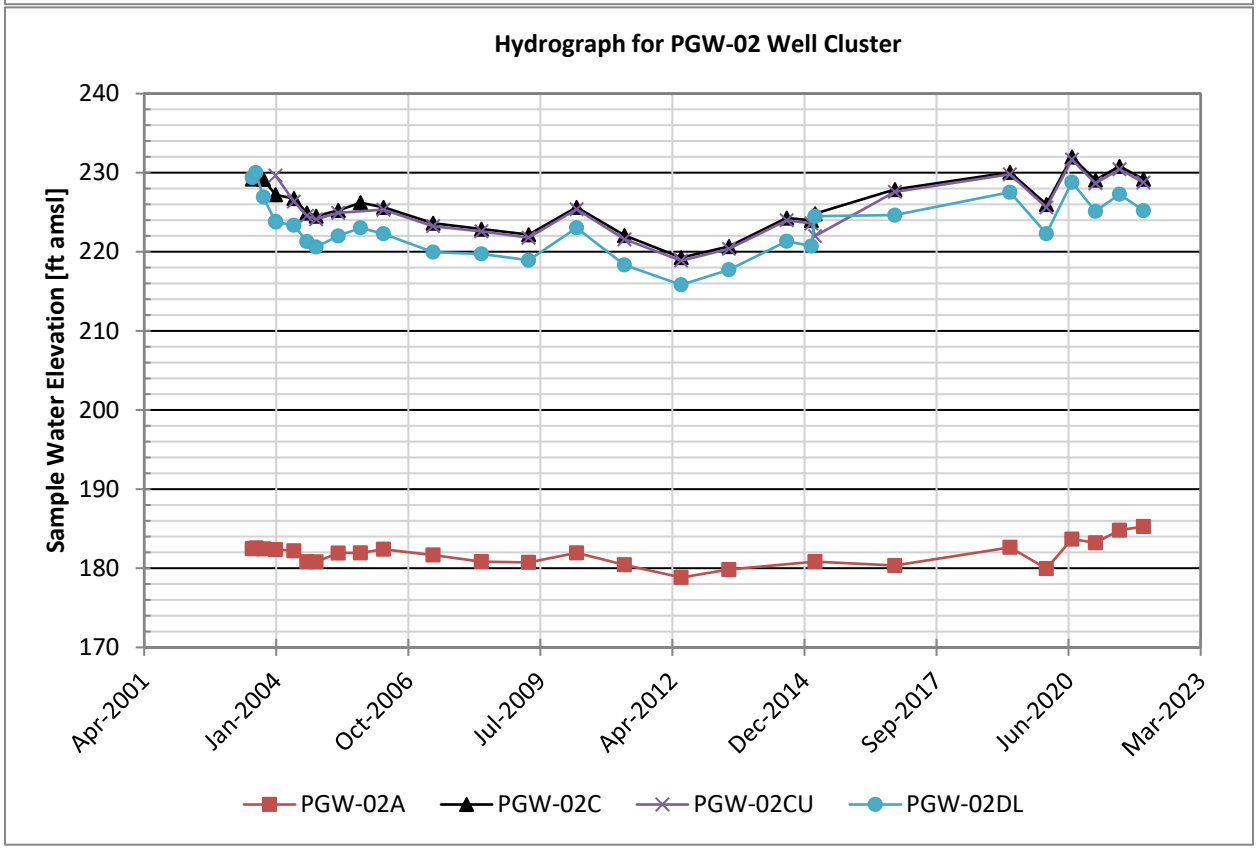

Hydrograph for PGW029 Well Cluster
Sample Water Elevation [ft amsl]
290
285
280
275
270
265
260
255
250
245
240
Nov-2010
Apr-2012
Aug-2013
Dec-2014
May-2016
Sep-2017
Feb-2019
Jun-2020
Oct-2021
Mar-2023
PGW029C
PGW029DL
Hydrograph for PGW030 Well Cluster
Sample Water Elevation [ft amsl]
270
260
250
240
230
220
210
200
Nov-2010
Apr-2012
Aug-2013
Dec-2014
May-2016
Sep-2017
Feb-2019
Jun-2020
Oct-2021
Mar-2023
PGW030B
PGW030BL

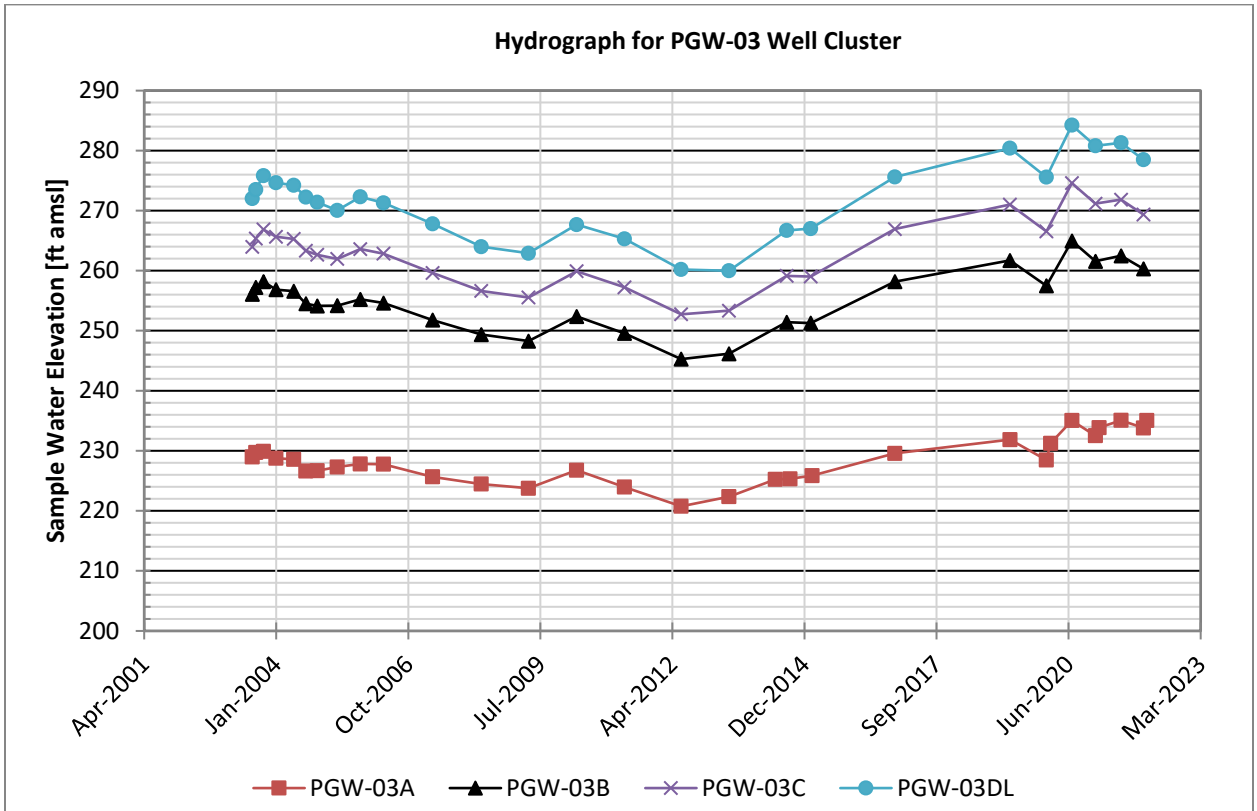

Hydrograph for PGW031 Well Cluster
Sample Water Elevation [ft amsl]
256
252
248
244
240
236
232
Nov-2010
Apr-2012
Aug-2013
Dec-2014
May-2016
Sep-2017
Feb-2019
Jun-2020
Oct-2021
Mar-2023
PGW031B
PGW031C

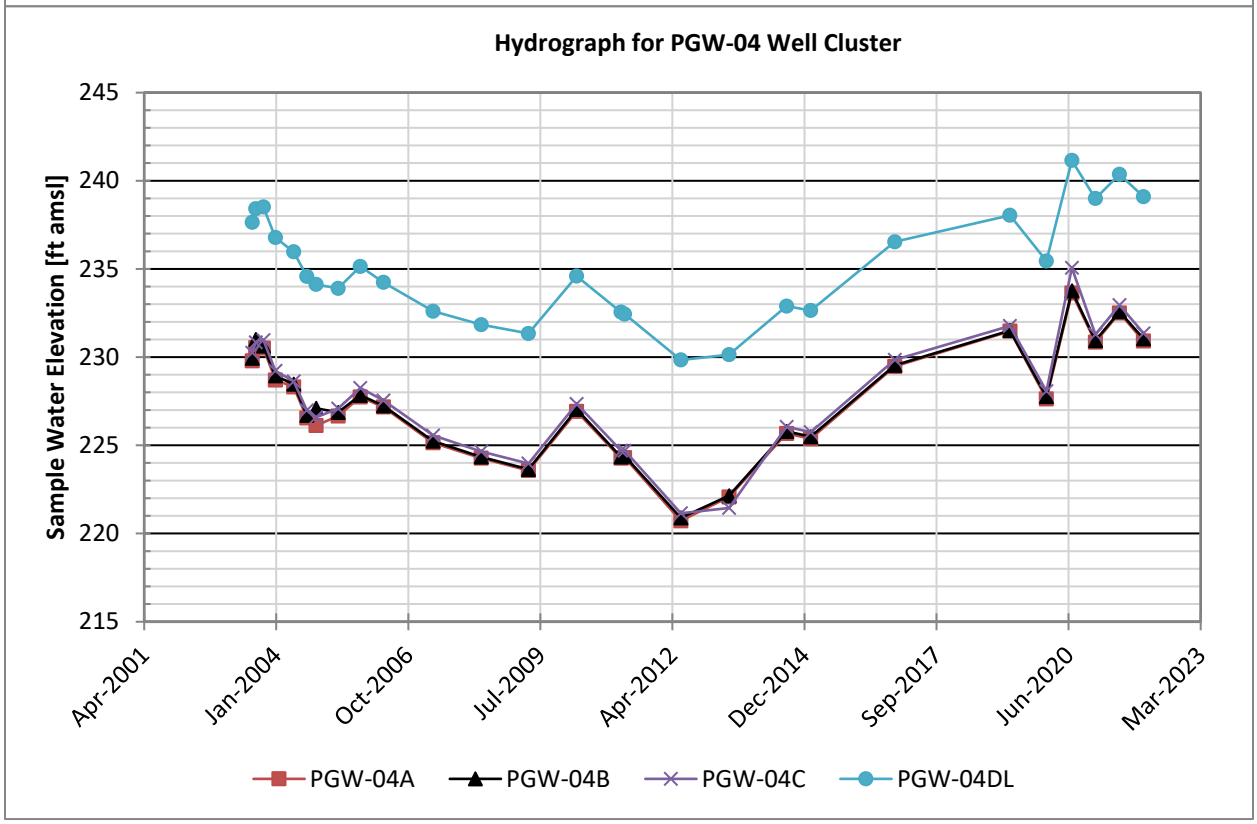

Hydrograph for PGW033A
Sample Water Elevation [ft amsl]
244
242
240
238
236
234
232
230
228
Aug-2013
Dec-2014
May-2016
Sep-2017
Feb-2019
Jun-2020
Oct-2021
Mar-2023

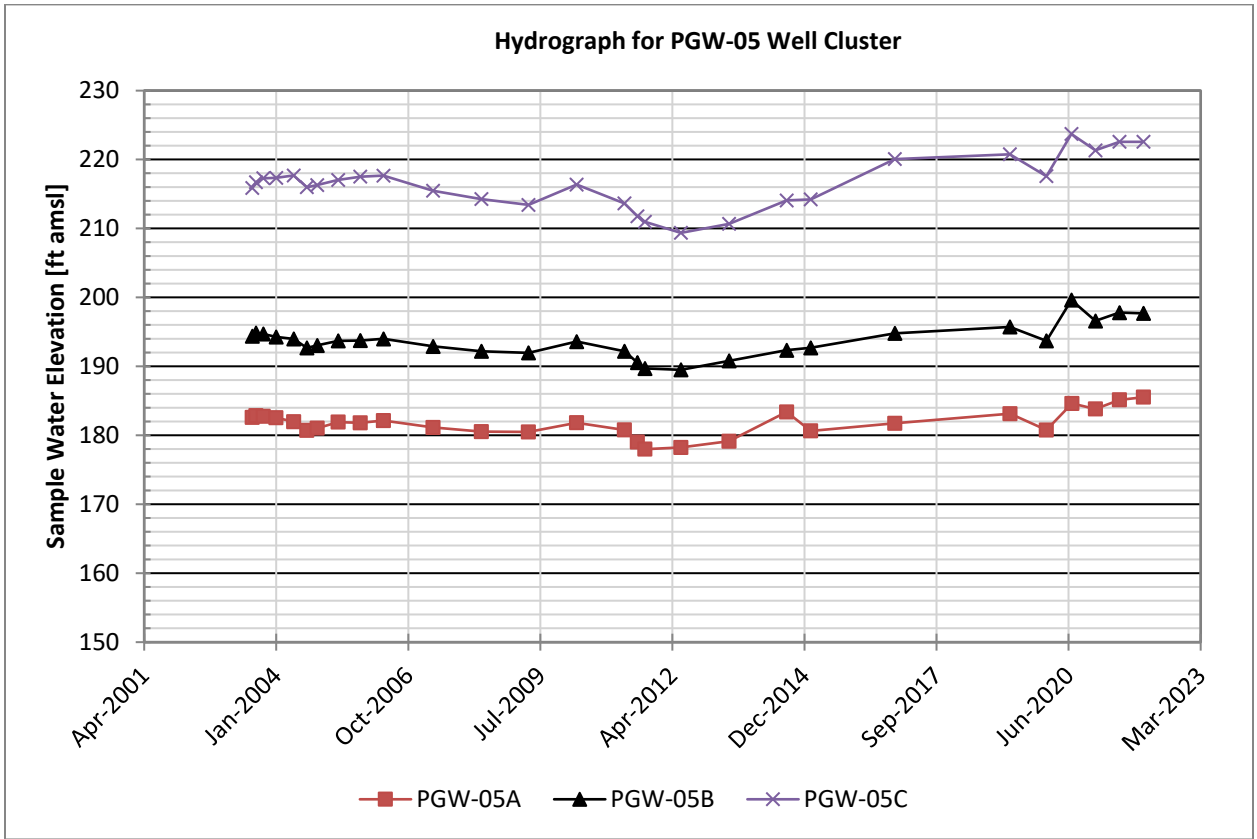

Hydrograph for PGW034DL
Sample Water Elevation [ft amsl]
274
272
270
268
266
264
262
260
258
Aug-2013
Dec-2014
May-2016
Sep-2017
Feb-2019
Jun-2020
Oct-2021
Mar-2023
Hydrograph for PGW035 Well Cluster
Sample Water Elevation [ft amsl]
285
280
275
270
265
260
255
Apr-2018
Oct-2018
May-2019
Dec-2019
Jun-2020
Jan-2021
Jul-2021
Feb-2022
Aug-2022
Mar-2023
PGW035C
PGW035D
PGW035CU

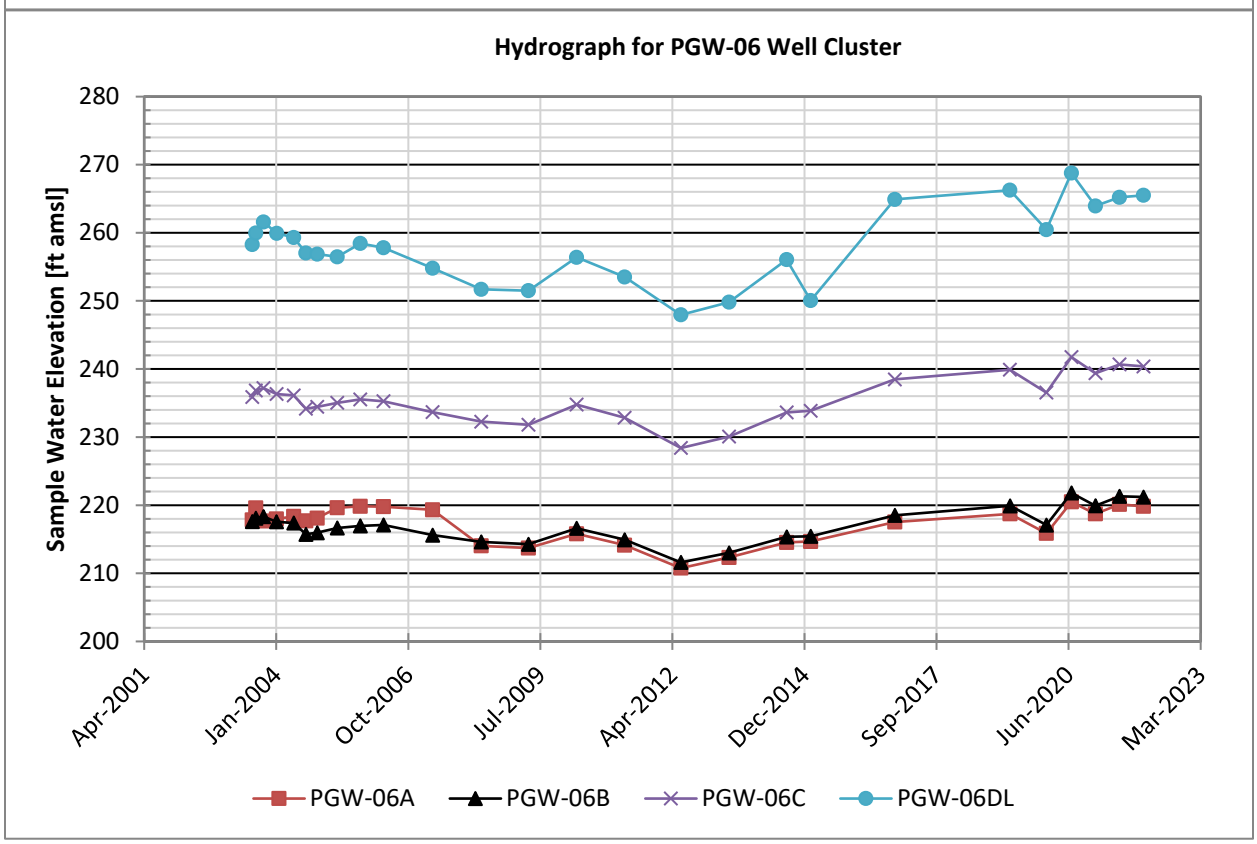

Hydrograph for PGW-01 Well Cluster
Sample Water Elevation [ft amsl]
290
280
270
260
250
240
230
220
210
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW-01A
PGW-01B
PGW-01C
PGW-01DL

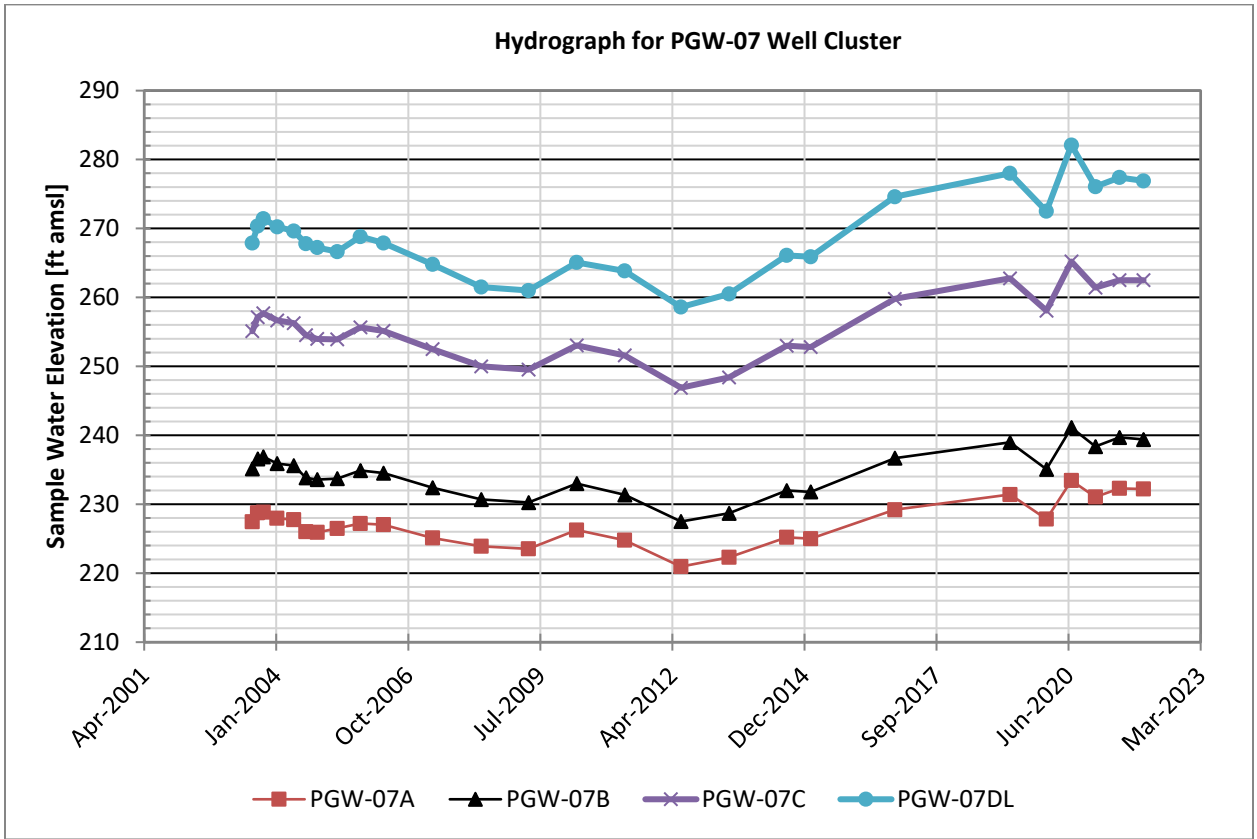

Hydrograph for PGW-02 Well Cluster
Sample Water Elevation [ft amsl]
240
230
220
210
200
190
180
170
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW-02A
PGW-02C
PGW-02CU
PGW-02DL

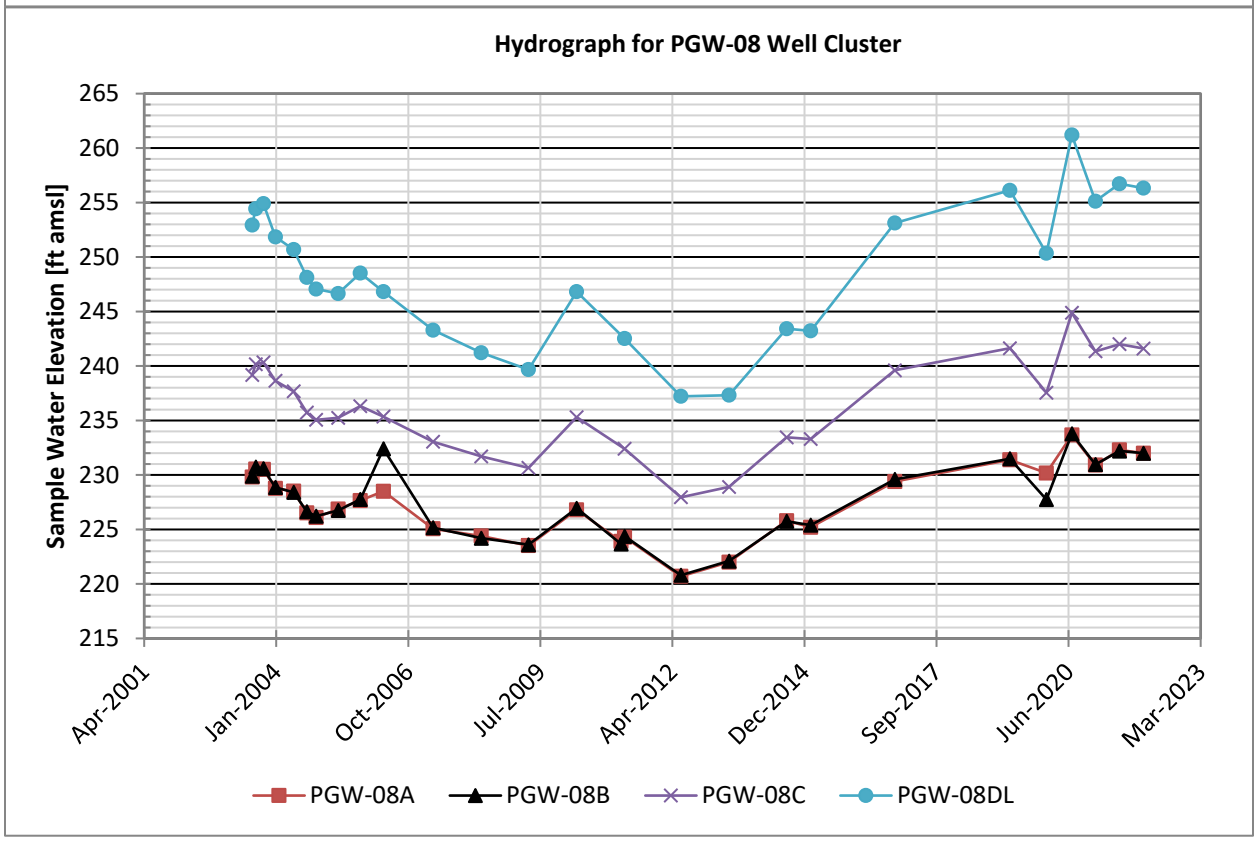

Hydrograph for PGW-03 Well Cluster
Sample Water Elevation [ft amsl]
290
280
270
260
250
240
230
220
210
200
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW-03A
PGW-03B
PGW-03C
PGW-03DL

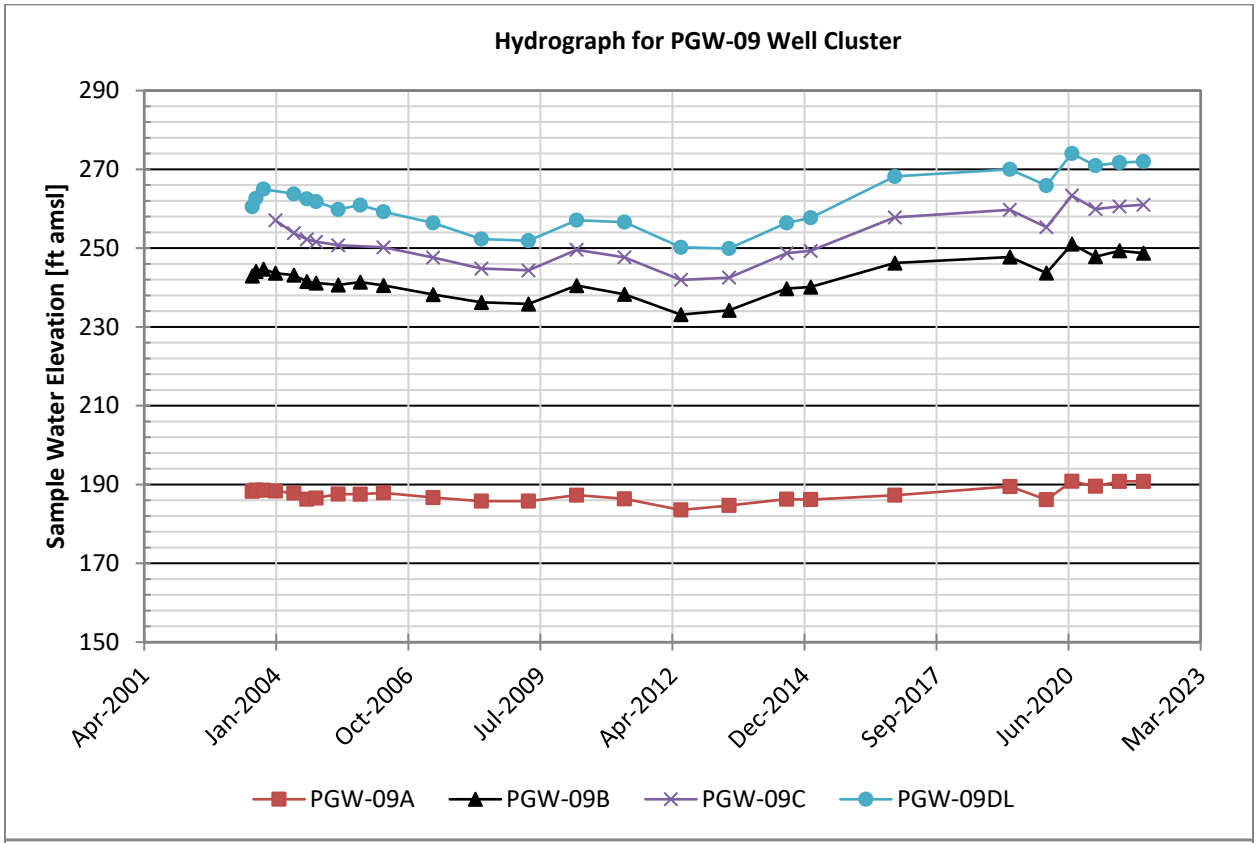

Hydrograph for PGW-04 Well Cluster
Sample Water Elevation [ft amsl]
245
240
235
230
225
220
215
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW-04A
PGW-04B
PGW-04C
PGW-04DL

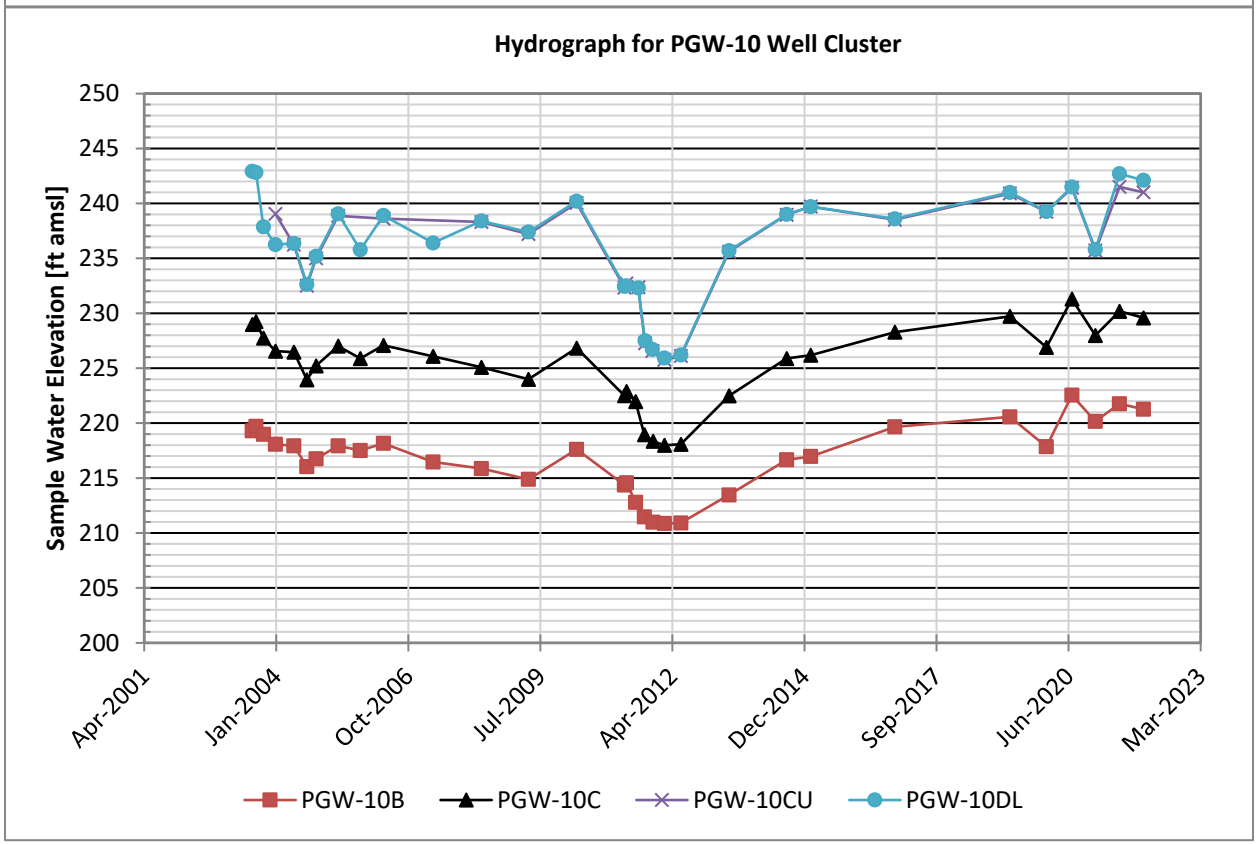

Hydrograph for PGW-05 Well Cluster
Sample Water Elevation [ft amsl]
230
220
210
200
190
180
170
160
150
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW-05A
PGW-05B
PGW-05C

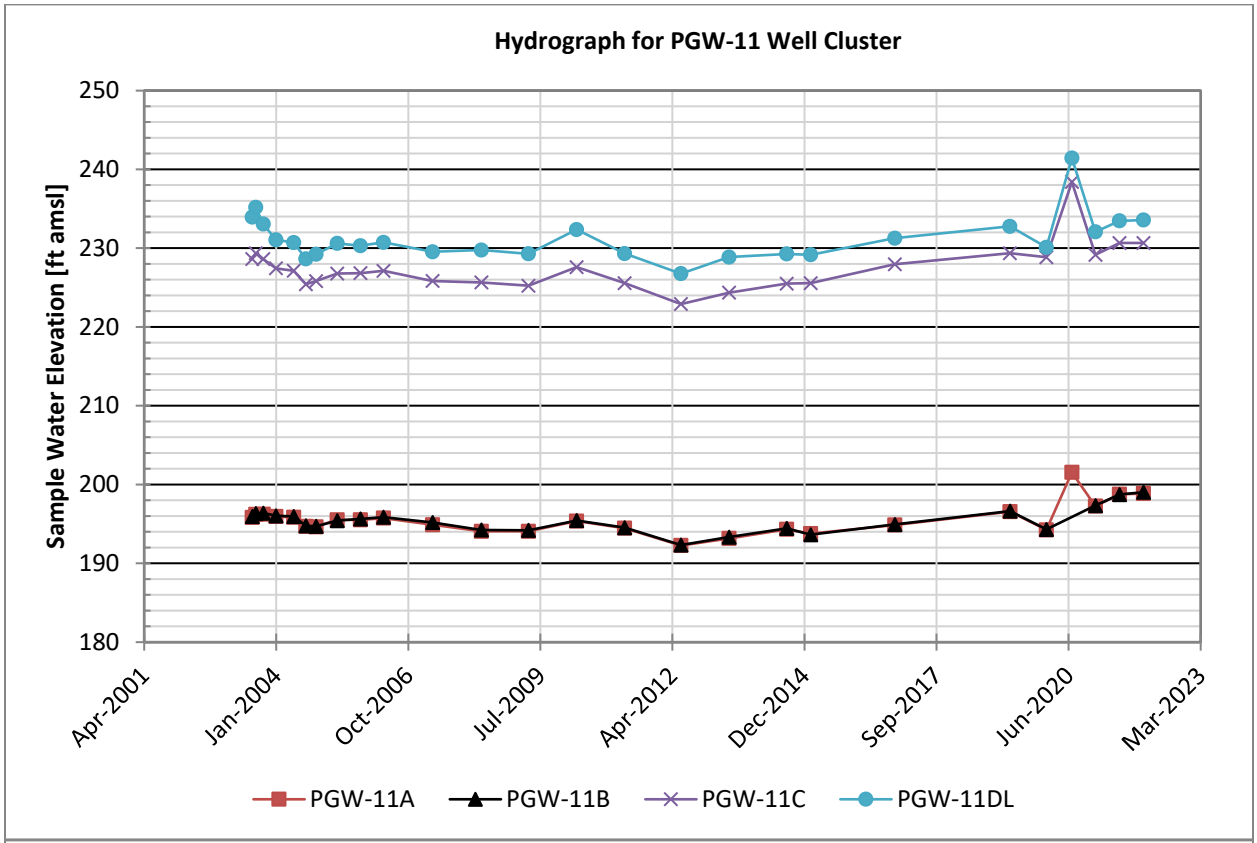

Hydrograph for PGW-06 Well Cluster
Sample Water Elevation [ft amsl]
280
270
260
250
240
230
220
210
200
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW-06A
PGW-06B
PGW-06C
PGW-06DL

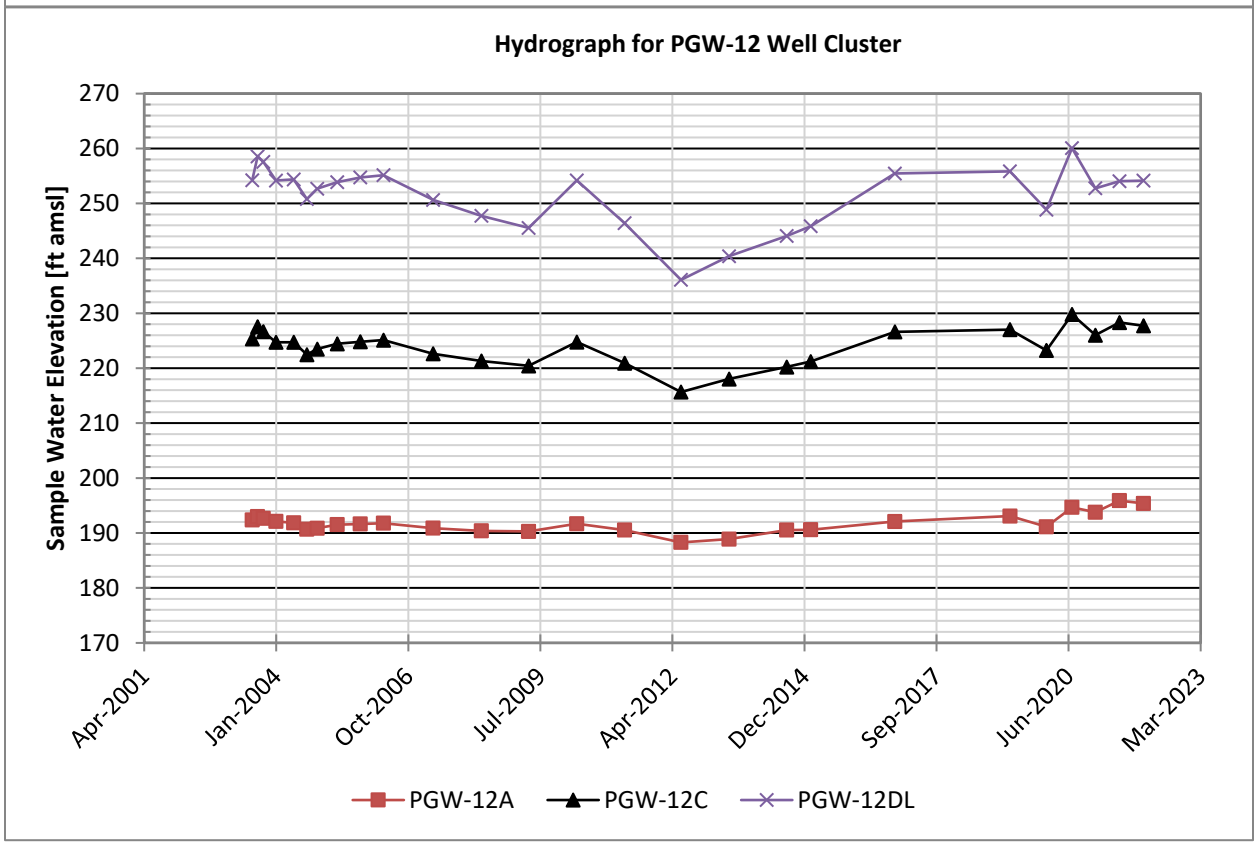

Hydrograph for PGW-07 Well Cluster
Sample Water Elevation [ft amsl]
290
280
270
260
250
240
230
220
210
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW-07A
PGW-07B
PGW-07C
PGW-07DL

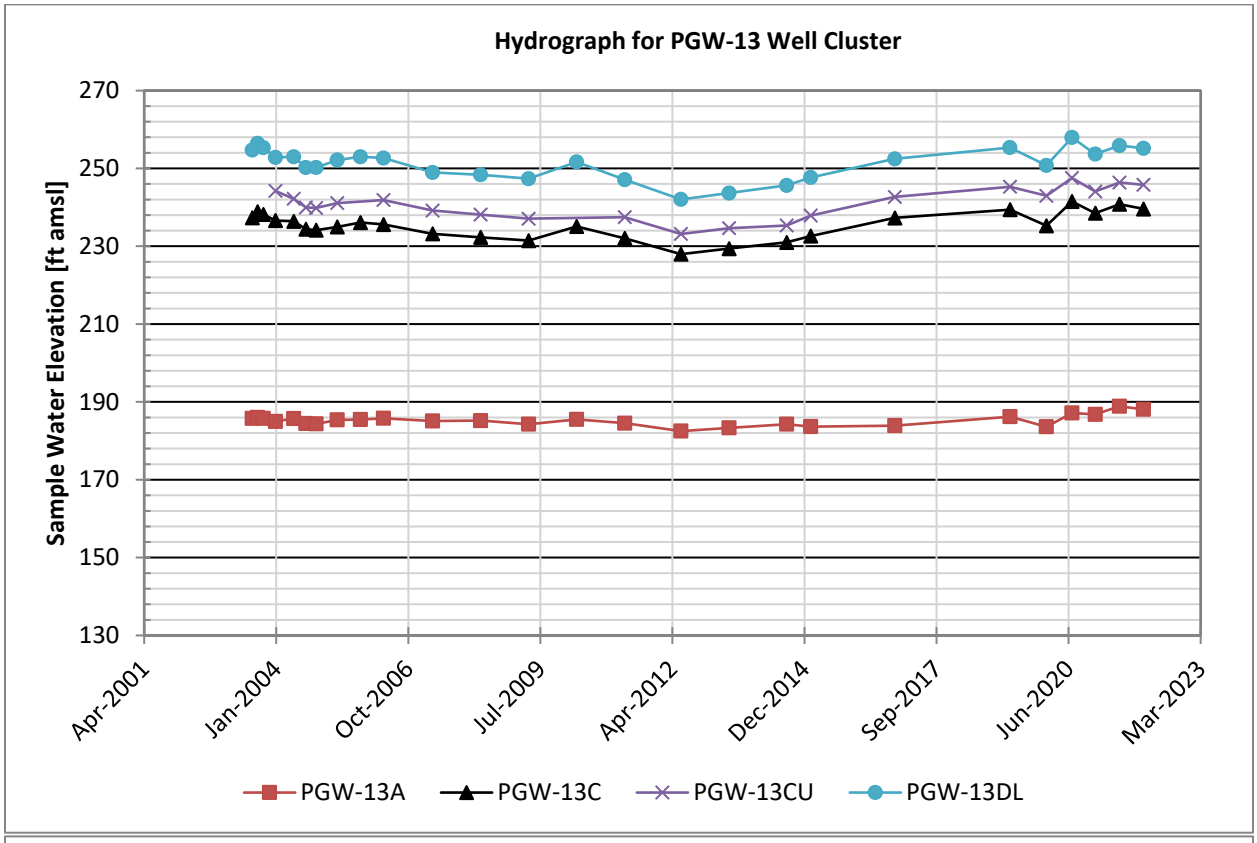

Hydrograph for PGW-08 Well Cluster
Sample Water Elevation [ft amsl]
265
260
255
250
245
240
235
230
225
220
215
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW-08A
PGW-08B
PGW-08C
PGW-08DL

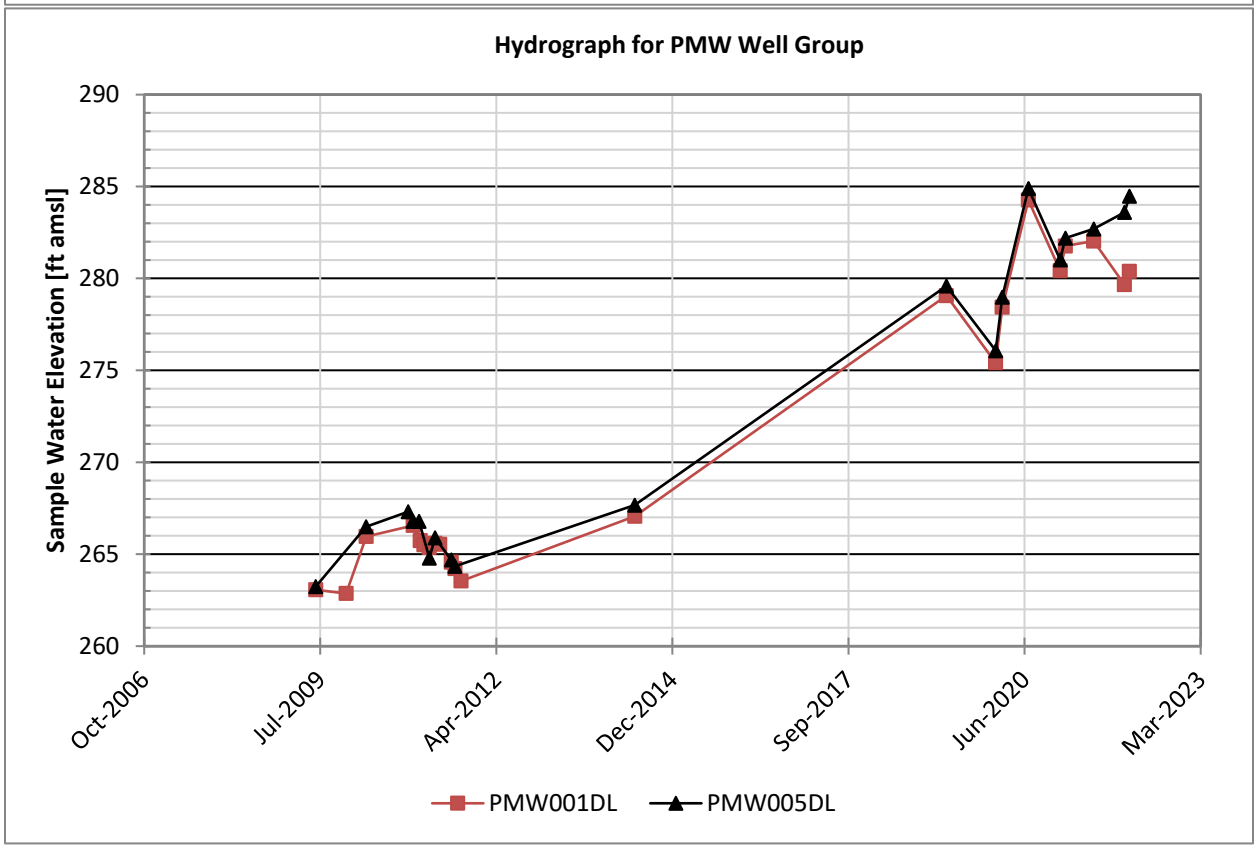

Hydrograph for PGW-09 Well Cluster
Sample Water Elevation [ft amsl]
290
270
250
230
210
190
170
150
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW-09A
PGW-09B
PGW-09C
PGW-09DL

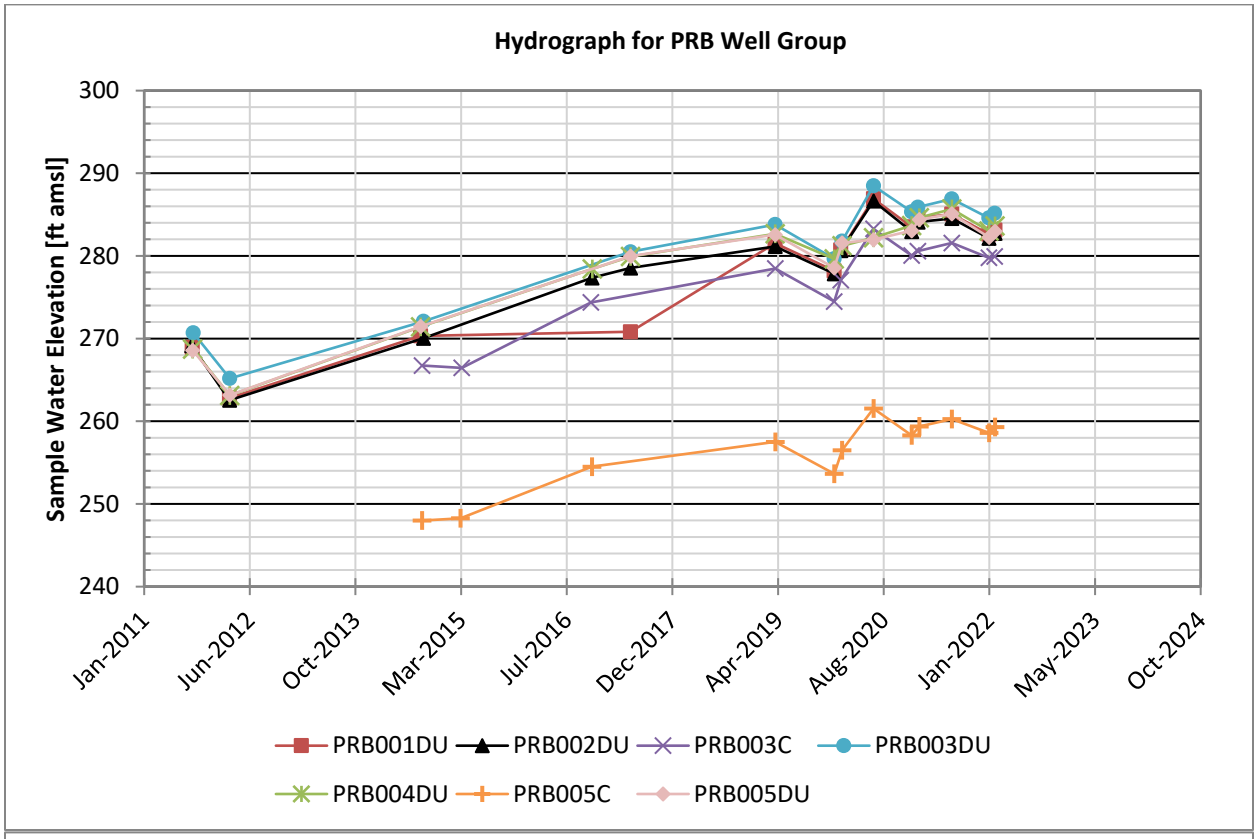

Hydrograph for PGW-10 Well Cluster
Sample Water Elevation [ft amsl]
250
245
240
235
230
225
220
215
210
205
200
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW-10B
PGW-10C
PGW-10CU
PGW-10DL

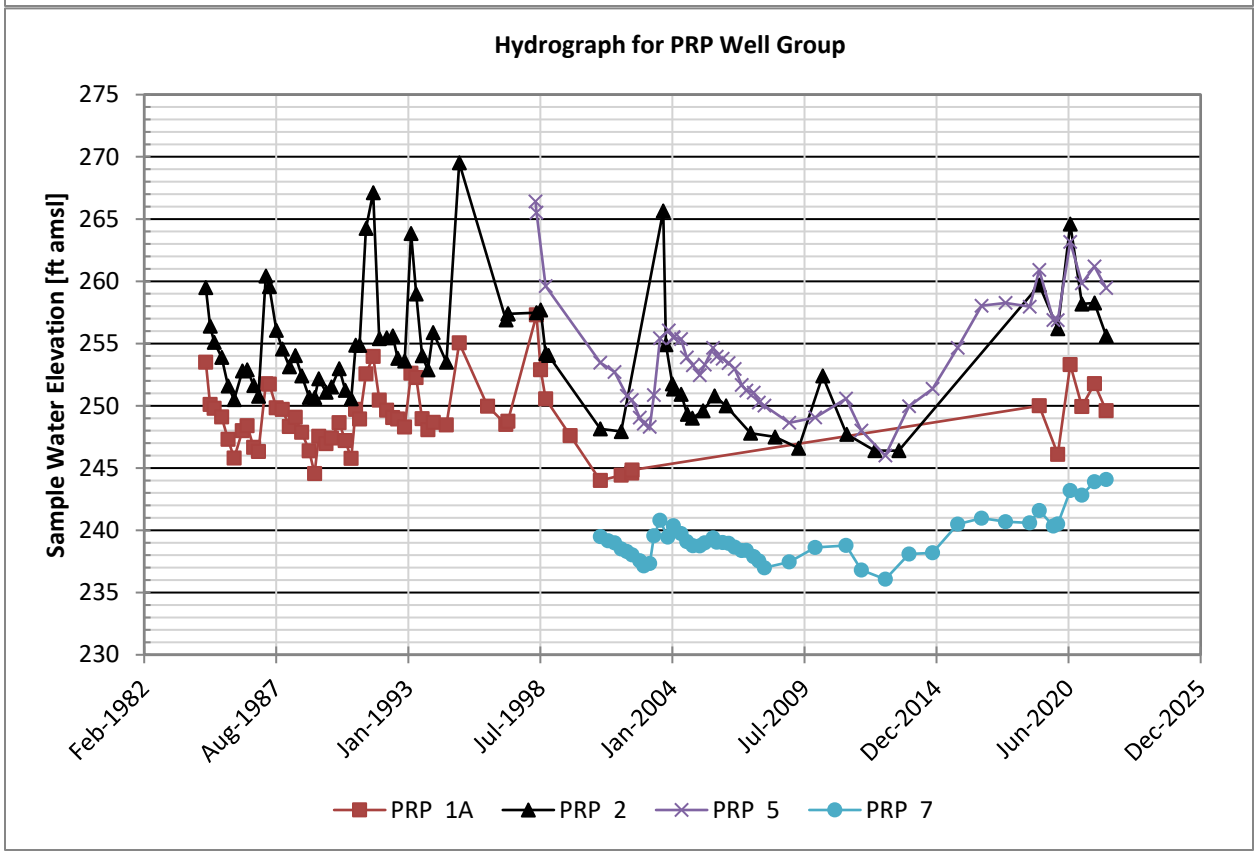

Hydrograph for PGW-11 Well Cluster
Sample Water Elevation [ft amsl]
250
240
230
220
210
200
190
180
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW-11A
PGW-11B
PGW-11C
PGW-11DL

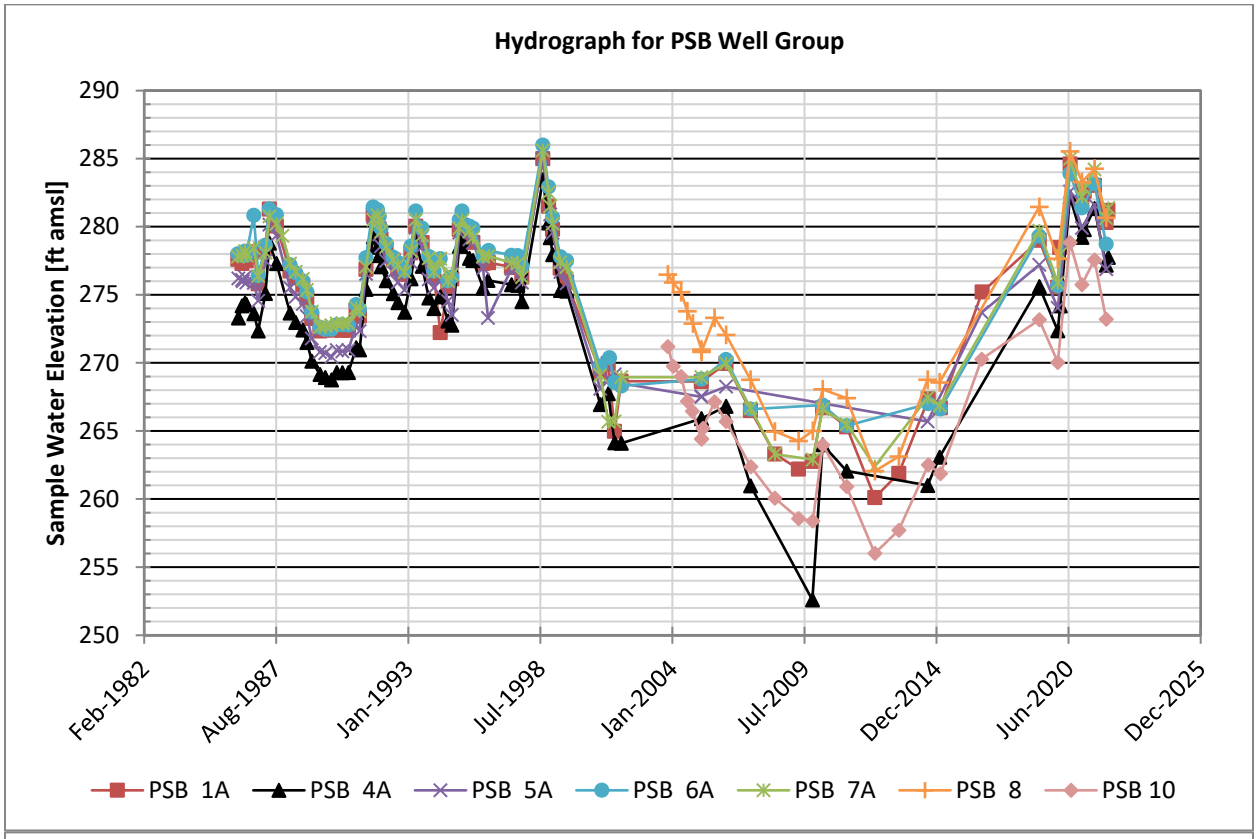

Hydrograph for PGW-12 Well Cluster
Sample Water Elevation [ft amsl]
270
260
250
240
230
220
210
200
190
180
170
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW-12A
PGW-12C
PGW-12DL

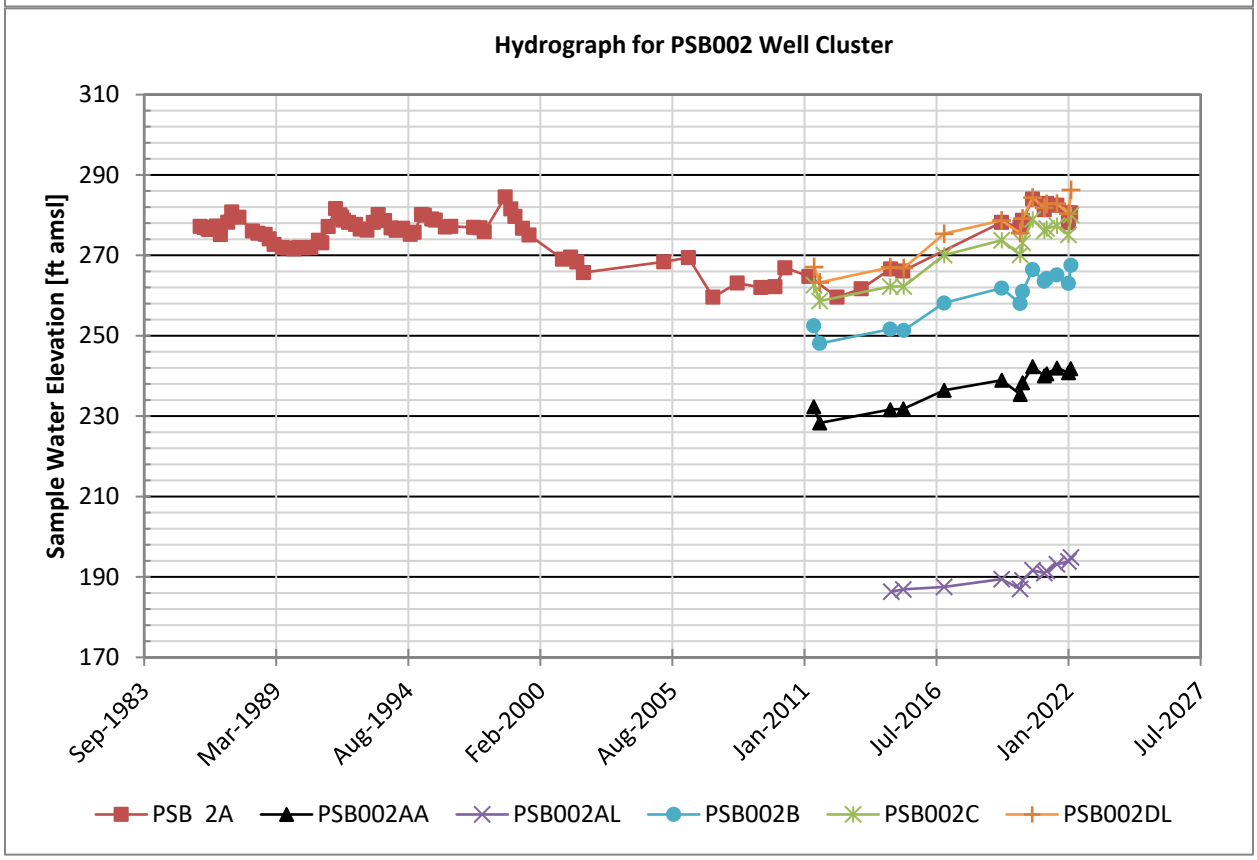

Hydrograph for PGW-13 Well Cluster
Sample Water Elevation [ft amsl]
270
250
230
210
190
170
150
130
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PGW-13A
PGW-13C
PGW-13CU
PGW-13DL

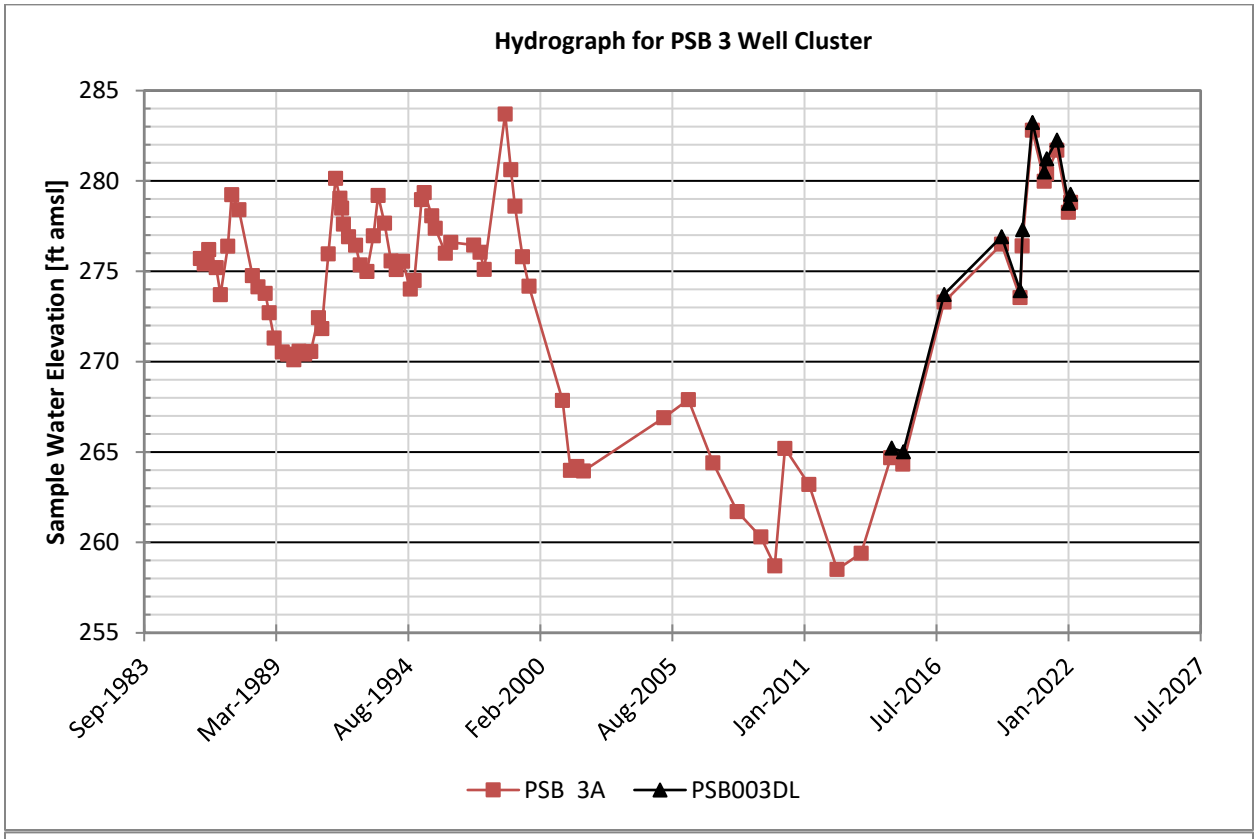

Hydrograph for PMW Well Group
Sample Water Elevation [ft amsl]
290
285
280
275
270
265
260
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
PMW001DL
PMW005DL

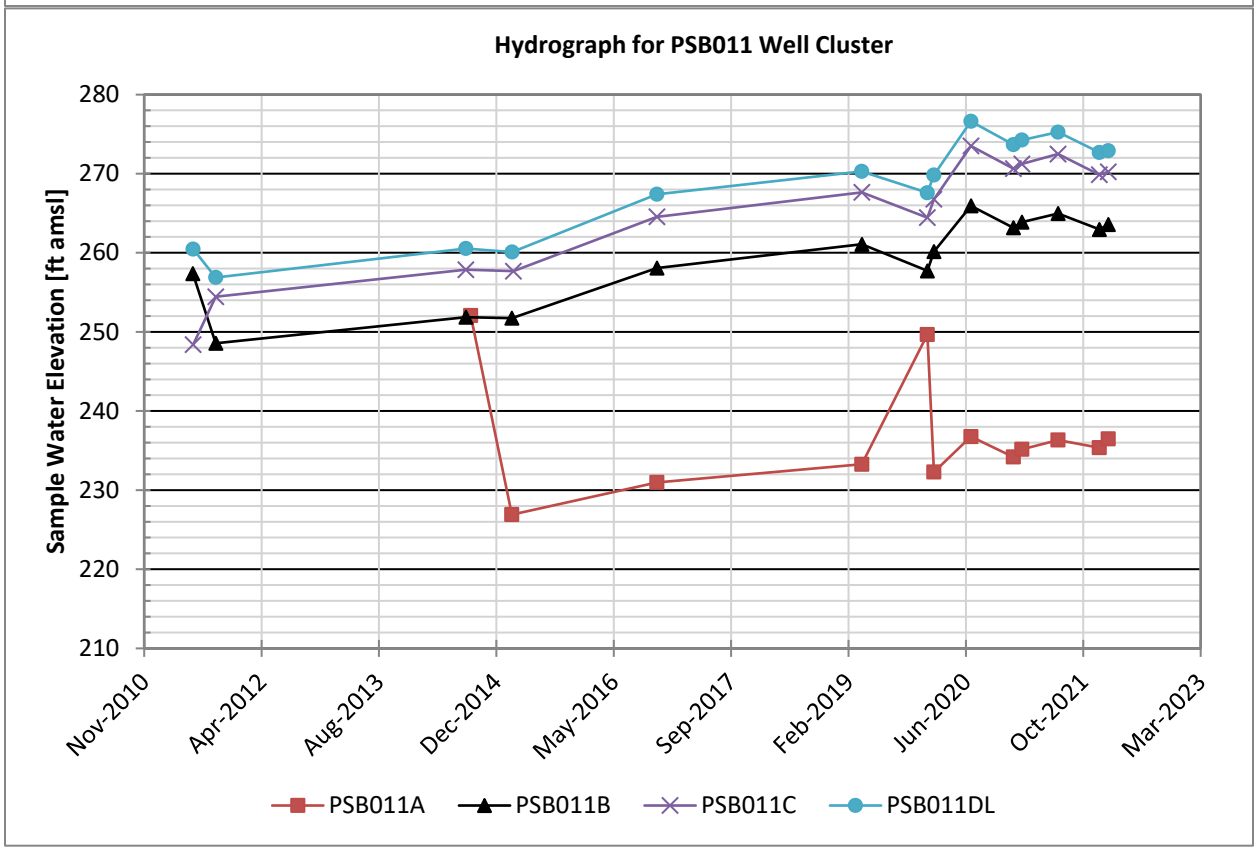

Hydrograph for PRB Well Group
Sample Water Elevation [ft amsl]
300
290
280
270
260
250
240
Jan-2011
Jun-2012
Oct-2013
Mar-2015
Jul-2016
Dec-2017
Apr-2019
Aug-2020
Jan-2022
May-2023
Oct-2024
PRB001DU
PRB002DU
PRB003C
PRB003DU
PRB004DU
PRB005C
PRB005DU

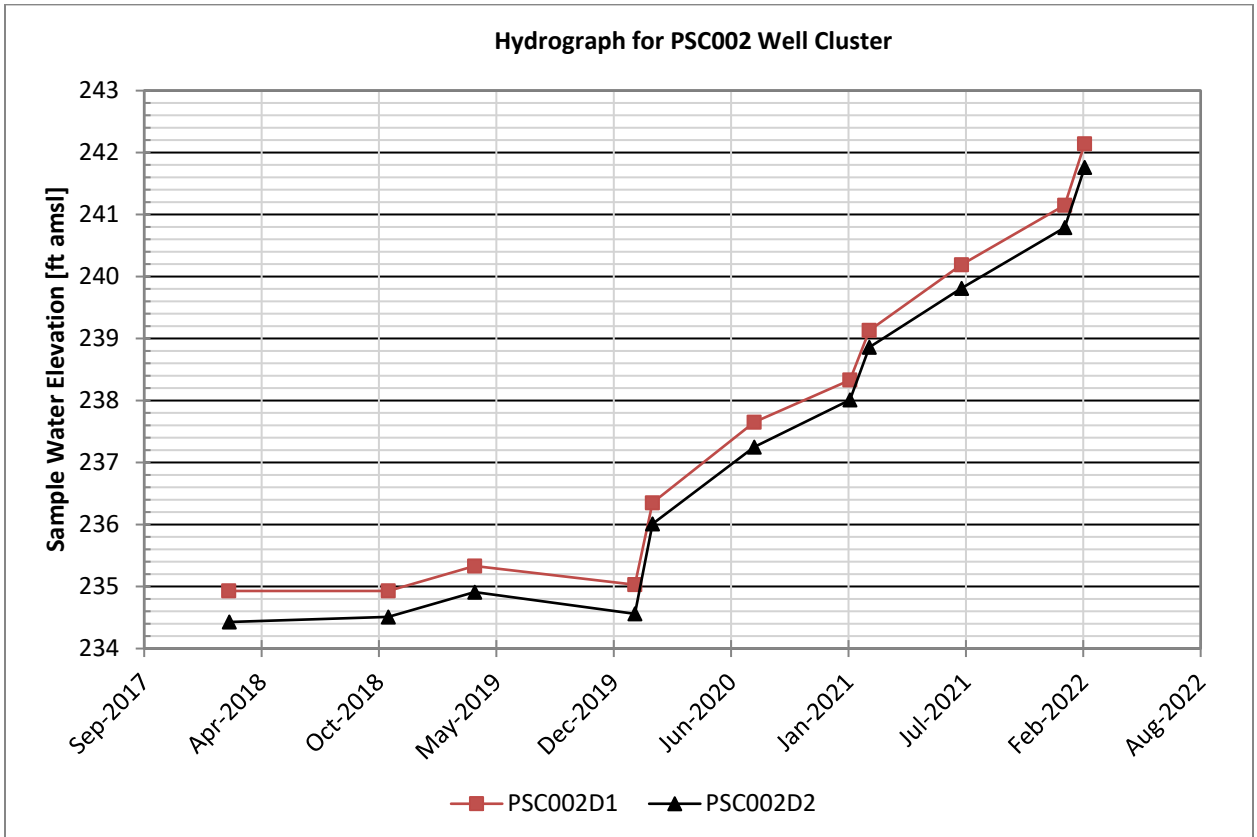

Hydrograph for PRP Well Group
Sample Water Elevation [ft amsl]
275
270
265
260
255
250
245
240
235
230
Feb-1982
Aug-1987
Jan-1993
Jul-1998
Jan-2004
Jul-2009
Dec-2014
Jun-2020
Dec-2025
PRP 1A
PRP 2
PRP 5
PRP 7

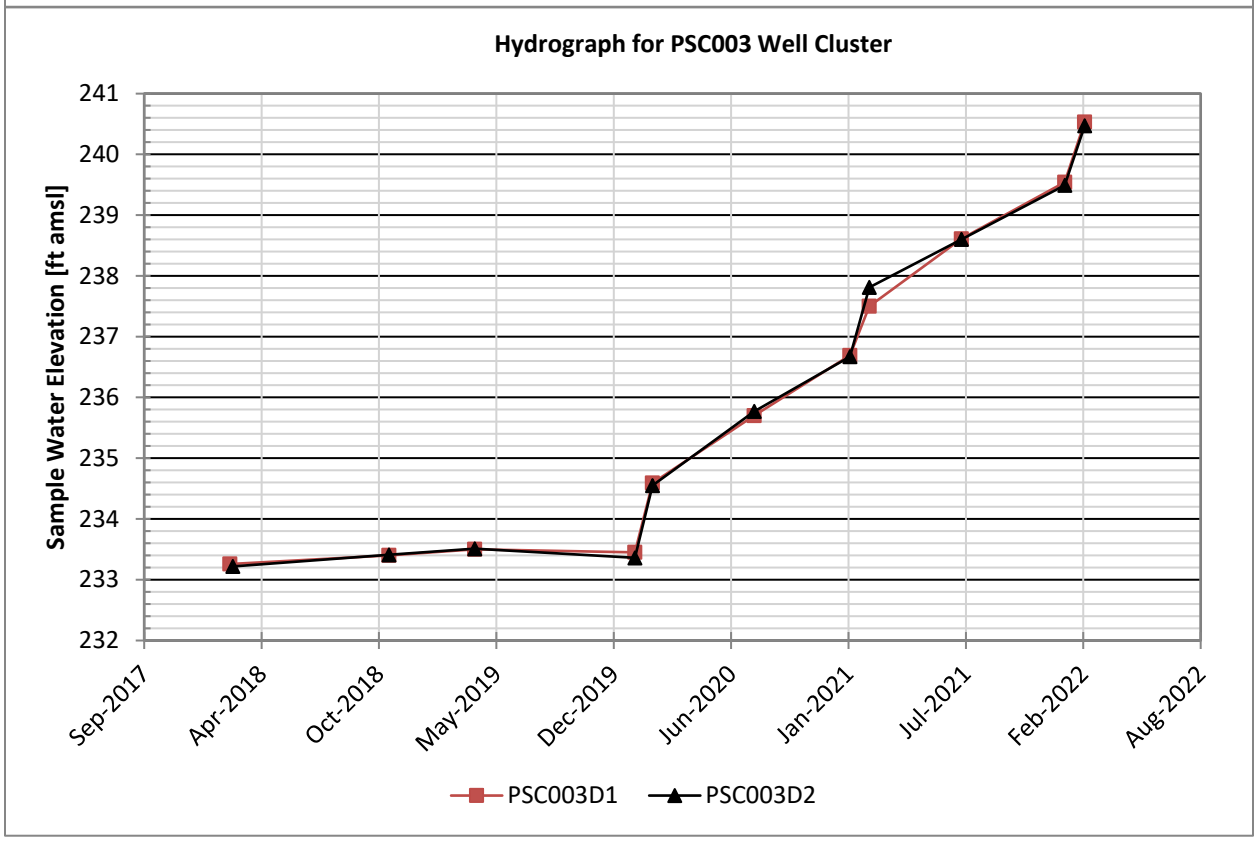

Hydrograph for PSB Well Group
Sample Water Elevation [ft amsl]
290
285
280
275
270
265
260
255
250
Feb-1982
Aug-1987
Jan-1993
Jul-1998
Jan-2004
Jul-2009
Dec-2014
Jun-2020
Dec-2025
PSB 1A
PSB 4A
PSB 5A
PSB 6A
PSB 7A
PSB 8
PSB 10

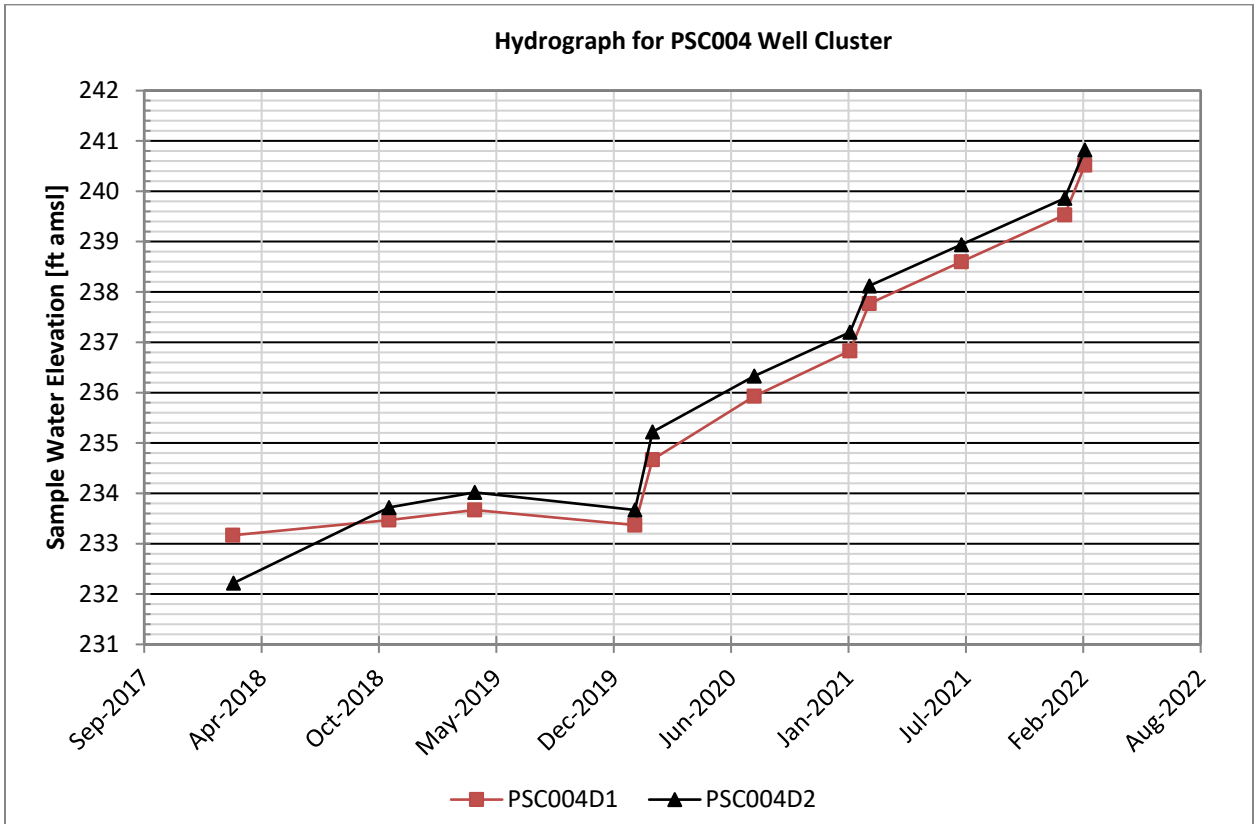

Hydrograph for PSB002 Well Cluster
Sample Water Elevation [ft amsl]
310
290
270
250
230
210
190
170
Sep-1983
Mar-1989
Aug-1994
Feb-2000
Aug-2005
Jan-2011
Jul-2016
Jan-2022
Jul-2027
PSB 2A
PSB002AA
PSB002AL
PSB002B
PSB002C
PSB002DL

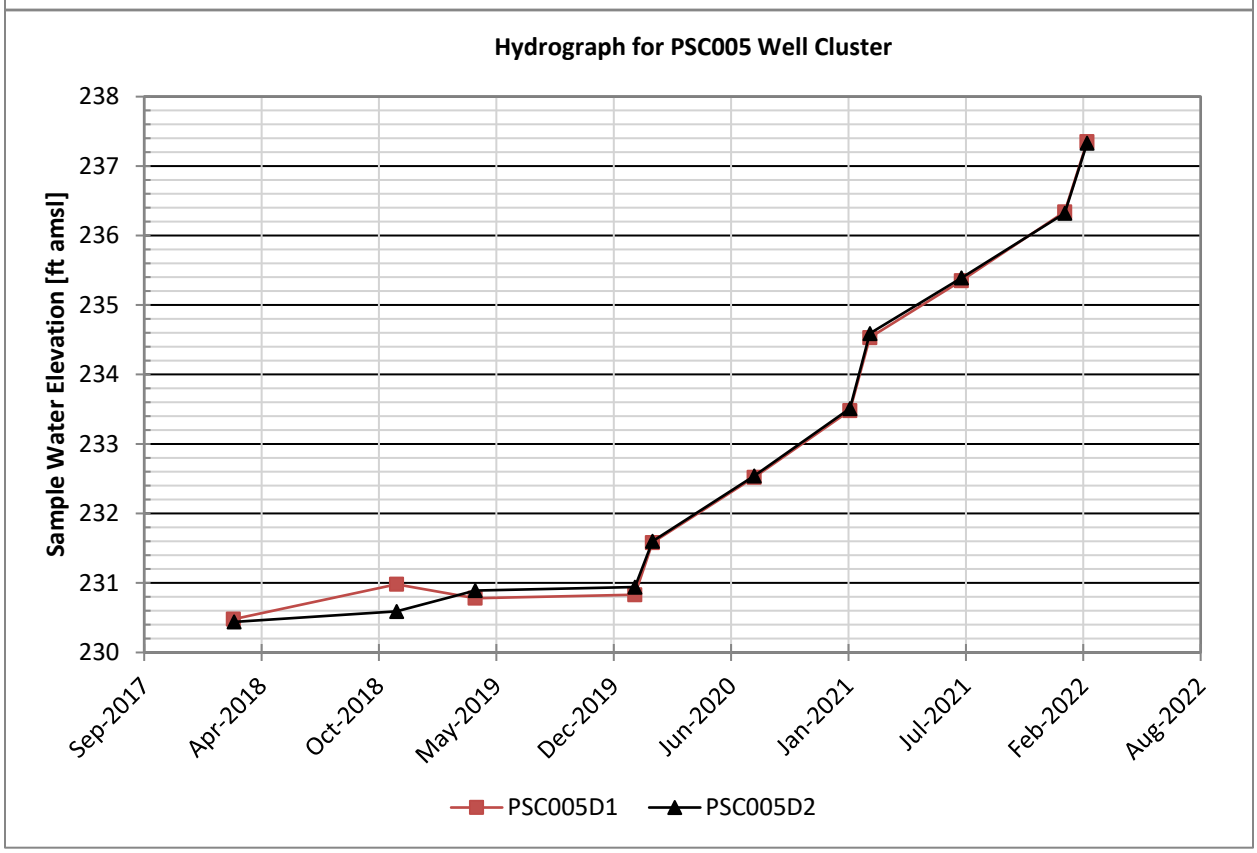

Hydrograph for PSB 3 Well Cluster
Sample Water Elevation [ft amsl]
285
280
275
270
265
260
255
Sep-1983
Mar-1989
Aug-1994
Feb-2000
Aug-2005
Jan-2011
Jul-2016
Jan-2022
Jul-2027
PSB 3A
PSB003DL

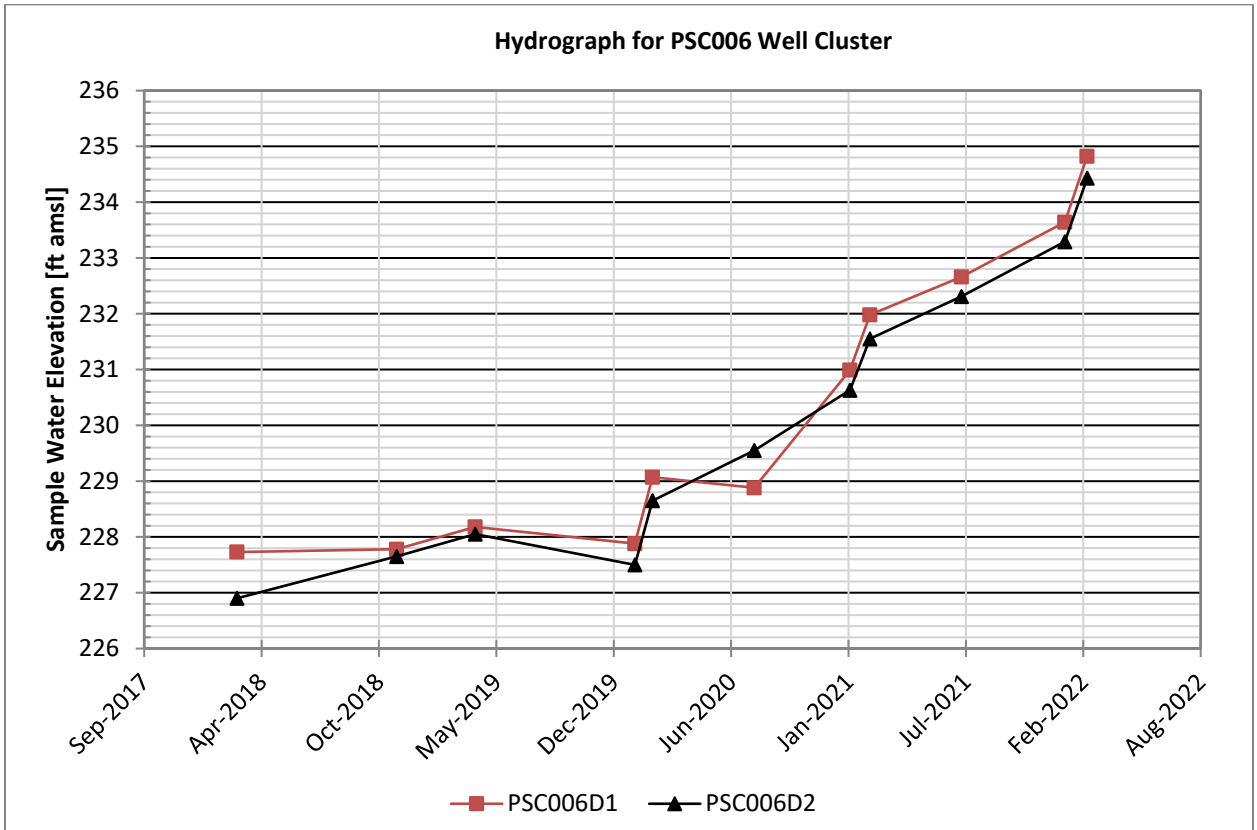

Hydrograph for PSB011 Well Cluster
Sample Water Elevation [ft amsl]
280
270
260
250
240
230
220
210
Nov-2010
Apr-2012
Aug-2013
Dec-2014
May-2016
Sep-2017
Feb-2019
Jun-2020
Oct-2021
Mar-2023
PSB011A
PSB011B
PSB011C
PSB011DL

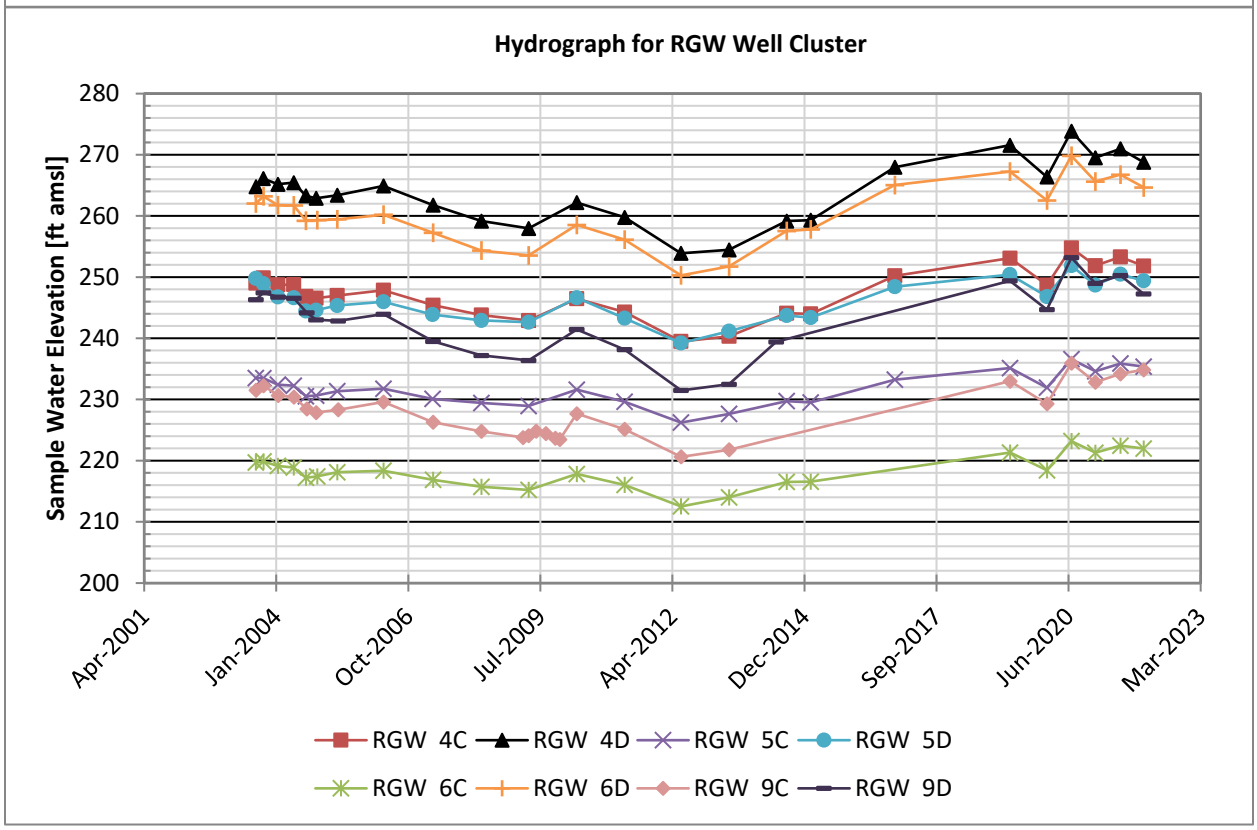

Hydrograph for PSC002 Well Cluster
Sample Water Elevation [ft amsl]
243
242
241
240
239
238
237
236
235
234
Sep-2017
Apr-2018
Oct-2018
May-2019
Dec-2019
Jun-2020
Jan-2021
Jul-2021
Feb-2022
Aug-2022
PSC002D1
PSC002D2


Hydrograph for PSC003 Well Cluster
Sample Water Elevation [ft amsl]
241
240
239
238
237
236
235
234
233
232
Sep-2017
Apr-2018
Oct-2018
May-2019
Dec-2019
Jun-2020
Jan-2021
Jul-2021
Feb-2022
Aug-2022
PSC003D1
PSC003D2


Hydrograph for PSC004 Well Cluster
Sample Water Elevation [ft amsl]
242
241
240
239
238
237
236
235
234
233
232
231
Sep-2017
Apr-2018
Oct-2018
May-2019
Dec-2019
Jun-2020
Jan-2021
Jul-2021
Feb-2022
Aug-2022
PSC004D1
PSC004D2


Hydrograph for PSC005 Well Cluster
Sample Water Elevation [ft amsl]
238
237
236
235
234
233
232
231
230
Sep-2017
Apr-2018
Oct-2018
May-2019
Dec-2019
Jun-2020
Jan-2021
Jul-2021
Feb-2022
Aug-2022
PSC005D1
PSC005D2


Hydrograph for PSC006 Well Cluster
Sample Water Elevation [ft amsl]
236
235
234
233
232
231
230
229
228
227
226
Sep-2017
Apr-2018
Oct-2018
May-2019
Dec-2019
Jun-2020
Jan-2021
Jul-2021
Feb-2022
Aug-2022
PSC006D1
PSC006D2


Hydrograph for RGW Well Cluster
Sample Water Elevation [ft amsl]
280
270
260
250
240
230
220
210
200
Apr-2001
Jan-2004
Oct-2006
Jul-2009
Apr-2012
Dec-2014
Sep-2017
Jun-2020
Mar-2023
RGW 4C
RGW 4D
RGW 5C
RGW 5D
RGW 6C
RGW 6D
RGW 9C
RGW 9D

This page intentionally left blank.

APPENDIX B

ANALYTICAL DATA FOR PAGW OU 2022 SAMPLING

This page intentionally left blank.

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
P002U	UAZ	5/19/2021	1,1-DICHLOROETHYLENE	0.666	2	U	2	MCL	7	ug/L	NO
P002U	UAZ	8/2/2021	1,1-DICHLOROETHYLENE	0.666	2	U	2	MCL	7	ug/L	NO
P002U	UAZ	11/1/2021	1,1-DICHLOROETHYLENE	0.666	2	U	2	MCL	7	ug/L	NO
P002U	UAZ	2/8/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
P002U	UAZ	2/8/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
P002U	UAZ	5/19/2021	CHLORIDE	0.67	2		38.4	-	-	mg/L	NO
P002U	UAZ	8/2/2021	CHLORIDE	0.67	2		33.8	-	-	mg/L	NO
P002U	UAZ	11/1/2021	CHLORIDE	0.67	2		28.2	-	-	mg/L	NO
P002U	UAZ	11/1/2021	CHLORIDE	0.67	2		28.2	-	-	mg/L	NO
P002U	UAZ	2/8/2022	CHLORIDE	0.67	2		23.5	-	-	mg/L	NO
P002U	UAZ	5/19/2021	CHLOROETHENE (VINYL CHLORIDE)	0.666	2	U	2	MCL	2	ug/L	NO
P002U	UAZ	8/2/2021	CHLOROETHENE (VINYL CHLORIDE)	0.666	2	U	2	MCL	2	ug/L	NO
P002U	UAZ	11/1/2021	CHLOROETHENE (VINYL CHLORIDE)	0.666	2	U	2	MCL	2	ug/L	NO
P002U	UAZ	2/8/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
P002U	UAZ	2/8/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
P002U	**UAZ**	**5/19/2021**	**CIS-1,2-DICHLOROETHYLENE**	**0.666**	**2**		**94.7**	**MCL**	**70**	**ug/L**	**YES**
P002U	UAZ	8/2/2021	CIS-1,2-DICHLOROETHYLENE	0.666	2		45	MCL	70	ug/L	NO
P002U	UAZ	11/1/2021	CIS-1,2-DICHLOROETHYLENE	0.666	2		51.2	MCL	70	ug/L	NO
P002U	UAZ	2/8/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1		64.2	MCL	70	ug/L	NO
P002U	UAZ	2/8/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1		54.8	MCL	70	ug/L	NO
P002U	UAZ	5/19/2021	DISSOLVED ORGANIC CARBON	1.65	5		13.5	-	-	mg/L	NO
P002U	UAZ	5/19/2021	DISSOLVED ORGANIC CARBON	1.65	5		13.4	-	-	mg/L	NO
P002U	UAZ	5/19/2021	DISSOLVED ORGANIC CARBON	1.65	5		13.3	-	-	mg/L	NO
P002U	UAZ	5/19/2021	DISSOLVED ORGANIC CARBON	1.65	5		13.3	-	-	mg/L	NO
P002U	UAZ	5/19/2021	DISSOLVED ORGANIC CARBON	1.65	5		13	-	-	mg/L	NO
P002U	UAZ	8/2/2021	DISSOLVED ORGANIC CARBON	1.65	5		31.6	-	-	mg/L	NO
P002U	UAZ	8/2/2021	DISSOLVED ORGANIC CARBON	1.65	5		31.5	-	-	mg/L	NO
P002U	UAZ	8/2/2021	DISSOLVED ORGANIC CARBON	1.65	5		31.4	-	-	mg/L	NO
P002U	UAZ	8/2/2021	DISSOLVED ORGANIC CARBON	1.65	5		31.4	-	-	mg/L	NO
P002U	UAZ	8/2/2021	DISSOLVED ORGANIC CARBON	1.65	5		31	-	-	mg/L	NO
P002U	UAZ	11/1/2021	DISSOLVED ORGANIC CARBON	0.66	2		25.5	-	-	mg/L	NO
P002U	UAZ	11/1/2021	DISSOLVED ORGANIC CARBON	0.66	2	J	25.2	-	-	mg/L	NO
P002U	UAZ	11/1/2021	DISSOLVED ORGANIC CARBON	0.66	2		25.1	-	-	mg/L	NO
P002U	UAZ	11/1/2021	DISSOLVED ORGANIC CARBON	0.66	2	J	25	-	-	mg/L	NO
P002U	UAZ	11/1/2021	DISSOLVED ORGANIC CARBON	0.66	2		24.8	-	-	mg/L	NO
P002U	UAZ	11/1/2021	DISSOLVED ORGANIC CARBON	0.66	2		24.7	-	-	mg/L	NO
P002U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.66	2		25.6	-	-	mg/L	NO
P002U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.66	2		25.6	-	-	mg/L	NO
P002U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.66	2		25.4	-	-	mg/L	NO
P002U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.66	2		25.3	-	-	mg/L	NO
P002U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.66	2		25.1	-	-	mg/L	NO
P002U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.66	2		23.1	-	-	mg/L	NO
P002U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.66	2		23	-	-	mg/L	NO
P002U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.66	2		22.9	-	-	mg/L	NO
P002U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.66	2		22.9	-	-	mg/L	NO
P002U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.66	2		22.7	-	-	mg/L	NO
P002U	UAZ	5/19/2021	ETHANE	10	25	UJ	25	-	-	ug/L	NO
P002U	UAZ	5/19/2021	ETHANE	10	25	UJ	25	-	-	ug/L	NO
P002U	UAZ	8/2/2021	ETHANE	10	25	J	16.7	-	-	ug/L	NO
P002U	UAZ	11/1/2021	ETHANE	10	25	U	25	-	-	ug/L	NO
P002U	UAZ	11/1/2021	ETHANE	10	25	U	25	-	-	ug/L	NO
P002U	UAZ	2/8/2022	ETHANE	10	25		29.6	-	-	ug/L	NO
P002U	UAZ	2/8/2022	ETHANE	10	25	J	13.3	-	-	ug/L	NO
P002U	UAZ	5/19/2021	ETHYLENE	10	25	UJ	25	-	-	ug/L	NO
P002U	UAZ	5/19/2021	ETHYLENE	10	25	UJ	25	-	-	ug/L	NO
P002U	UAZ	8/2/2021	ETHYLENE	10	25	U	25	-	-	ug/L	NO
P002U	UAZ	11/1/2021	ETHYLENE	10	25	U	25	-	-	ug/L	NO
P002U	UAZ	11/1/2021	ETHYLENE	10	25	U	25	-	-	ug/L	NO
P002U	UAZ	2/8/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
P002U	UAZ	2/8/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
P002U	UAZ	2/8/2022	FERRIC IRON	0.1	0.1		3.5	-	-	mg/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
P002U	UAZ	2/8/2022	FERROUS IRON	0.5	0.5		20	-	-	mg/L	NO
P002U	**UAZ**	**5/19/2021**	**IRON**	**33**	**100**		**28800**	**RSL**	**14000**	**ug/L**	**YES**
P002U	**UAZ**	**8/2/2021**	**IRON**	**33**	**100**		**24400**	**RSL**	**14000**	**ug/L**	**YES**
P002U	**UAZ**	**11/1/2021**	**IRON**	**33**	**100**		**21700**	**RSL**	**14000**	**ug/L**	**YES**
P002U	**UAZ**	**2/8/2022**	**IRON**	**33**	**100**		**18400**	**RSL**	**14000**	**ug/L**	**YES**
P002U	UAZ	2/8/2022	IRON	0.04	0.1		23	RSL	14000	mg/L	NO
P002U	UAZ	5/19/2021	METHANE	10	25	J	423	-	-	ug/L	NO
P002U	UAZ	5/19/2021	METHANE	10	25	J	367	-	-	ug/L	NO
P002U	UAZ	8/2/2021	METHANE	50	125		510	-	-	ug/L	NO
P002U	UAZ	11/1/2021	METHANE	10	25		196	-	-	ug/L	NO
P002U	UAZ	11/1/2021	METHANE	10	25		194	-	-	ug/L	NO
P002U	UAZ	2/8/2022	METHANE	500	1250		4450	-	-	ug/L	NO
P002U	UAZ	2/8/2022	NITRATE	0.033	0.1	U	0.1	MCL	10	mg/L	NO
P002U	UAZ	2/8/2022	SULFATE	0.133	0.4	U	0.4	-	-	mg/L	NO
P002U	UAZ	2/8/2022	SULFIDE	0.033	0.1	U	0.1	-	-	mg/L	NO
P002U	UAZ	5/19/2021	TETRACHLOROETHYLENE (PCE)	0.666	2	U	2	MCL	5	ug/L	NO
P002U	UAZ	8/2/2021	TETRACHLOROETHYLENE (PCE)	0.666	2	U	2	MCL	5	ug/L	NO
P002U	UAZ	11/1/2021	TETRACHLOROETHYLENE (PCE)	0.666	2	U	2	MCL	5	ug/L	NO
P002U	UAZ	2/8/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
P002U	UAZ	2/8/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
P002U	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		15.5	-	-	mg/L	NO
P002U	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		15.5	-	-	mg/L	NO
P002U	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		15.4	-	-	mg/L	NO
P002U	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		15.2	-	-	mg/L	NO
P002U	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		15.2	-	-	mg/L	NO
P002U	UAZ	5/19/2021	TOTAL ORGANIC CARBON	1.65	5		36.2	-	-	mg/L	NO
P002U	UAZ	5/19/2021	TOTAL ORGANIC CARBON	1.65	5		35.3	-	-	mg/L	NO
P002U	UAZ	5/19/2021	TOTAL ORGANIC CARBON	1.65	5		35.3	-	-	mg/L	NO
P002U	UAZ	5/19/2021	TOTAL ORGANIC CARBON	1.65	5		35.2	-	-	mg/L	NO
P002U	UAZ	5/19/2021	TOTAL ORGANIC CARBON	1.65	5		35.1	-	-	mg/L	NO
P002U	UAZ	5/19/2021	TOTAL ORGANIC CARBON	1.65	5		35.1	-	-	mg/L	NO
P002U	UAZ	8/2/2021	TOTAL ORGANIC CARBON	1.65	5		36.1	-	-	mg/L	NO
P002U	UAZ	8/2/2021	TOTAL ORGANIC CARBON	1.65	5		36.1	-	-	mg/L	NO
P002U	UAZ	8/2/2021	TOTAL ORGANIC CARBON	1.65	5		36.1	-	-	mg/L	NO
P002U	UAZ	8/2/2021	TOTAL ORGANIC CARBON	1.65	5		36	-	-	mg/L	NO
P002U	UAZ	8/2/2021	TOTAL ORGANIC CARBON	1.65	5		35.6	-	-	mg/L	NO
P002U	UAZ	11/1/2021	TOTAL ORGANIC CARBON	0.66	2		27.2	-	-	mg/L	NO
P002U	UAZ	11/1/2021	TOTAL ORGANIC CARBON	0.66	2		27.2	-	-	mg/L	NO
P002U	UAZ	11/1/2021	TOTAL ORGANIC CARBON	0.66	2		27.1	-	-	mg/L	NO
P002U	UAZ	11/1/2021	TOTAL ORGANIC CARBON	0.66	2		27.1	-	-	mg/L	NO
P002U	UAZ	11/1/2021	TOTAL ORGANIC CARBON	0.66	2		26.8	-	-	mg/L	NO
P002U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1		18.3	-	-	mg/L	NO
P002U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1		18.2	-	-	mg/L	NO
P002U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1		18.1	-	-	mg/L	NO
P002U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1		18.1	-	-	mg/L	NO
P002U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1		18	-	-	mg/L	NO
P002U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1		17.9	-	-	mg/L	NO
P002U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1		17.9	-	-	mg/L	NO
P002U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1		17.9	-	-	mg/L	NO
P002U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1		17.8	-	-	mg/L	NO
P002U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1		17.7	-	-	mg/L	NO
P002U	UAZ	2/8/2022	TOTAL PHOSPHATES (AS P)	0.02	0.05	U	0.05	RSL	400	mg/L	NO
P002U	UAZ	5/19/2021	TRANS-1,2-DICHLOROETHYLENE	0.666	2	U	2	MCL	100	ug/L	NO
P002U	UAZ	8/2/2021	TRANS-1,2-DICHLOROETHYLENE	0.666	2	U	2	MCL	100	ug/L	NO
P002U	UAZ	11/1/2021	TRANS-1,2-DICHLOROETHYLENE	0.666	2	U	2	MCL	100	ug/L	NO
P002U	UAZ	2/8/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
P002U	UAZ	2/8/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
P002U	UAZ	5/19/2021	TRICHLOROETHYLENE (TCE)	0.666	2		2.48	MCL	5	ug/L	NO
P002U	UAZ	8/2/2021	TRICHLOROETHYLENE (TCE)	0.666	2	J	1.58	MCL	5	ug/L	NO
P002U	**UAZ**	**11/1/2021**	**TRICHLOROETHYLENE (TCE)**	**0.666**	**2**		**46**	**MCL**	**5**	**ug/L**	**YES**
P002U	UAZ	2/8/2022	TRICHLOROETHYLENE (TCE)	0.333	1	J	1.94	MCL	5	ug/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
P002U	UAZ	2/8/2022	TRICHLOROETHYLENE (TCE)	0.333	1	J	1.2	MCL	5	ug/L	NO
P002U	UAZ	2/8/2022	TRITIUM	0.542	2.22		13.9	MCL	20	pCi/mL	NO
P003L	**UAZ**	**5/19/2021**	**1,1-DICHLOROETHYLENE**	**16.7**	**50**	**U**	**50**	**MCL**	**7**	**ug/L**	**YES**
P003L	**UAZ**	**8/2/2021**	**1,1-DICHLOROETHYLENE**	**16.7**	**50**	**U**	**50**	**MCL**	**7**	**ug/L**	**YES**
P003L	**UAZ**	**11/1/2021**	**1,1-DICHLOROETHYLENE**	**16.7**	**50**	**U**	**50**	**MCL**	**7**	**ug/L**	**YES**
P003L	**UAZ**	**2/8/2022**	**1,1-DICHLOROETHYLENE**	**16.7**	**50**	**U**	**50**	**MCL**	**7**	**ug/L**	**YES**
P003L	**UAZ**	**2/8/2022**	**1,1-DICHLOROETHYLENE**	**16.7**	**50**	**U**	**50**	**MCL**	**7**	**ug/L**	**YES**
P003L	UAZ	5/19/2021	CHLORIDE	0.067	0.2		2.24	-	-	mg/L	NO
P003L	UAZ	8/2/2021	CHLORIDE	0.067	0.2		2.07	-	-	mg/L	NO
P003L	UAZ	11/1/2021	CHLORIDE	0.067	0.2		2.04	-	-	mg/L	NO
P003L	UAZ	2/8/2022	CHLORIDE	0.067	0.2		2.06	-	-	mg/L	NO
P003L	**UAZ**	**5/19/2021**	**CHLOROETHENE (VINYL CHLORIDE)**	**16.7**	**50**	**U**	**50**	**MCL**	**2**	**ug/L**	**YES**
P003L	**UAZ**	**8/2/2021**	**CHLOROETHENE (VINYL CHLORIDE)**	**16.7**	**50**	**U**	**50**	**MCL**	**2**	**ug/L**	**YES**
P003L	**UAZ**	**11/1/2021**	**CHLOROETHENE (VINYL CHLORIDE)**	**16.7**	**50**	**U**	**50**	**MCL**	**2**	**ug/L**	**YES**
P003L	**UAZ**	**2/8/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**16.7**	**50**	**U**	**50**	**MCL**	**2**	**ug/L**	**YES**
P003L	**UAZ**	**2/8/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**16.7**	**50**	**U**	**50**	**MCL**	**2**	**ug/L**	**YES**
P003L	**UAZ**	**5/19/2021**	**CIS-1,2-DICHLOROETHYLENE**	**16.7**	**50**		**527**	**MCL**	**70**	**ug/L**	**YES**
P003L	**UAZ**	**8/2/2021**	**CIS-1,2-DICHLOROETHYLENE**	**16.7**	**50**		**466**	**MCL**	**70**	**ug/L**	**YES**
P003L	**UAZ**	**11/1/2021**	**CIS-1,2-DICHLOROETHYLENE**	**16.7**	**50**		**411**	**MCL**	**70**	**ug/L**	**YES**
P003L	**UAZ**	**2/8/2022**	**CIS-1,2-DICHLOROETHYLENE**	**16.7**	**50**		**382**	**MCL**	**70**	**ug/L**	**YES**
P003L	**UAZ**	**2/8/2022**	**CIS-1,2-DICHLOROETHYLENE**	**16.7**	**50**		**352**	**MCL**	**70**	**ug/L**	**YES**
P003L	UAZ	5/19/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	0.763	-	-	mg/L	NO
P003L	UAZ	5/19/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	0.75	-	-	mg/L	NO
P003L	UAZ	5/19/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	0.737	-	-	mg/L	NO
P003L	UAZ	5/19/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	0.721	-	-	mg/L	NO
P003L	UAZ	5/19/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	0.712	-	-	mg/L	NO
P003L	UAZ	8/2/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	0.64	-	-	mg/L	NO
P003L	UAZ	8/2/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	0.635	-	-	mg/L	NO
P003L	UAZ	8/2/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	0.617	-	-	mg/L	NO
P003L	UAZ	8/2/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	0.617	-	-	mg/L	NO
P003L	UAZ	8/2/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	0.575	-	-	mg/L	NO
P003L	UAZ	11/1/2021	DISSOLVED ORGANIC CARBON	0.33	1		3.53	-	-	mg/L	NO
P003L	UAZ	11/1/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	3.51	-	-	mg/L	NO
P003L	UAZ	11/1/2021	DISSOLVED ORGANIC CARBON	0.33	1		3.51	-	-	mg/L	NO
P003L	UAZ	11/1/2021	DISSOLVED ORGANIC CARBON	0.33	1		3.5	-	-	mg/L	NO
P003L	UAZ	11/1/2021	DISSOLVED ORGANIC CARBON	0.33	1		3.49	-	-	mg/L	NO
P003L	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1		2.7	-	-	mg/L	NO
P003L	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1		2.67	-	-	mg/L	NO
P003L	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1		2.66	-	-	mg/L	NO
P003L	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1		2.66	-	-	mg/L	NO
P003L	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1		2.63	-	-	mg/L	NO
P003L	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1		2.6	-	-	mg/L	NO
P003L	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.483	-	-	mg/L	NO
P003L	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.478	-	-	mg/L	NO
P003L	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.476	-	-	mg/L	NO
P003L	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.472	-	-	mg/L	NO
P003L	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.47	-	-	mg/L	NO
P003L	UAZ	5/19/2021	ETHANE	10	25	UJ	25	-	-	ug/L	NO
P003L	UAZ	8/2/2021	ETHANE	10	25	U	25	-	-	ug/L	NO
P003L	UAZ	11/1/2021	ETHANE	10	25	U	25	-	-	ug/L	NO
P003L	UAZ	2/8/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
P003L	UAZ	2/8/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
P003L	UAZ	5/19/2021	ETHYLENE	10	25	UJ	25	-	-	ug/L	NO
P003L	UAZ	8/2/2021	ETHYLENE	10	25	U	25	-	-	ug/L	NO
P003L	UAZ	11/1/2021	ETHYLENE	10	25	U	25	-	-	ug/L	NO
P003L	UAZ	2/8/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
P003L	UAZ	2/8/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
P003L	UAZ	2/8/2022	FERRIC IRON	0.1	0.1		0.29	-	-	mg/L	NO
P003L	UAZ	2/8/2022	FERROUS IRON	0.05	0.05	U	0.05	-	-	mg/L	NO
P003L	UAZ	2/8/2022	IRON	0.04	0.1		0.32	RSL	14000	mg/L	NO
P003L	UAZ	5/19/2021	METHANE	10	25	UJ	25	-	-	ug/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
P003L	UAZ	8/2/2021	METHANE	10	25	U	25	-	-	ug/L	NO
P003L	UAZ	11/1/2021	METHANE	10	25	U	25	-	-	ug/L	NO
P003L	UAZ	2/8/2022	METHANE	10	25	U	25	-	-	ug/L	NO
P003L	UAZ	2/8/2022	NITRATE	0.033	0.1		0.575	MCL	10	mg/L	NO
P003L	UAZ	2/8/2022	SULFATE	0.133	0.4		0.629	-	-	mg/L	NO
P003L	UAZ	2/8/2022	SULFIDE	0.033	0.1	U	0.1	-	-	mg/L	NO
P003L	**UAZ**	**5/19/2021**	**TETRACHLOROETHYLENE (PCE)**	**16.7**	**50**	**U**	**50**	**MCL**	**5**	**ug/L**	**YES**
P003L	**UAZ**	**8/2/2021**	**TETRACHLOROETHYLENE (PCE)**	**16.7**	**50**	**U**	**50**	**MCL**	**5**	**ug/L**	**YES**
P003L	**UAZ**	**11/1/2021**	**TETRACHLOROETHYLENE (PCE)**	**16.7**	**50**	**U**	**50**	**MCL**	**5**	**ug/L**	**YES**
P003L	**UAZ**	**2/8/2022**	**TETRACHLOROETHYLENE (PCE)**	**16.7**	**50**	**U**	**50**	**MCL**	**5**	**ug/L**	**YES**
P003L	**UAZ**	**2/8/2022**	**TETRACHLOROETHYLENE (PCE)**	**16.7**	**50**	**U**	**50**	**MCL**	**5**	**ug/L**	**YES**
P003L	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		6.96	-	-	mg/L	NO
P003L	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		6.87	-	-	mg/L	NO
P003L	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		6.86	-	-	mg/L	NO
P003L	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		6.83	-	-	mg/L	NO
P003L	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		6.77	-	-	mg/L	NO
P003L	UAZ	5/19/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.511	-	-	mg/L	NO
P003L	UAZ	5/19/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.498	-	-	mg/L	NO
P003L	UAZ	5/19/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.495	-	-	mg/L	NO
P003L	UAZ	5/19/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.494	-	-	mg/L	NO
P003L	UAZ	5/19/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.492	-	-	mg/L	NO
P003L	UAZ	8/2/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.485	-	-	mg/L	NO
P003L	UAZ	8/2/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.484	-	-	mg/L	NO
P003L	UAZ	8/2/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.47	-	-	mg/L	NO
P003L	UAZ	8/2/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.466	-	-	mg/L	NO
P003L	UAZ	8/2/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.444	-	-	mg/L	NO
P003L	UAZ	11/1/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.428	-	-	mg/L	NO
P003L	UAZ	11/1/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.414	-	-	mg/L	NO
P003L	UAZ	11/1/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.414	-	-	mg/L	NO
P003L	UAZ	11/1/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.41	-	-	mg/L	NO
P003L	UAZ	11/1/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.403	-	-	mg/L	NO
P003L	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.555	-	-	mg/L	NO
P003L	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.548	-	-	mg/L	NO
P003L	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.547	-	-	mg/L	NO
P003L	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.547	-	-	mg/L	NO
P003L	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.542	-	-	mg/L	NO
P003L	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.496	-	-	mg/L	NO
P003L	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.459	-	-	mg/L	NO
P003L	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.457	-	-	mg/L	NO
P003L	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.456	-	-	mg/L	NO
P003L	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.456	-	-	mg/L	NO
P003L	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.453	-	-	mg/L	NO
P003L	UAZ	2/8/2022	TOTAL PHOSPHATES (AS P)	0.02	0.05	U	0.05	RSL	400	mg/L	NO
P003L	UAZ	5/19/2021	TRANS-1,2-DICHLOROETHYLENE	16.7	50	U	50	MCL	100	ug/L	NO
P003L	UAZ	8/2/2021	TRANS-1,2-DICHLOROETHYLENE	16.7	50	U	50	MCL	100	ug/L	NO
P003L	UAZ	11/1/2021	TRANS-1,2-DICHLOROETHYLENE	16.7	50	U	50	MCL	100	ug/L	NO
P003L	UAZ	2/8/2022	TRANS-1,2-DICHLOROETHYLENE	16.7	50	U	50	MCL	100	ug/L	NO
P003L	UAZ	2/8/2022	TRANS-1,2-DICHLOROETHYLENE	16.7	50	U	50	MCL	100	ug/L	NO
P003L	**UAZ**	**5/19/2021**	**TRICHLOROETHYLENE (TCE)**	**16.7**	**50**		**3740**	**MCL**	**5**	**ug/L**	**YES**
P003L	**UAZ**	**8/2/2021**	**TRICHLOROETHYLENE (TCE)**	**16.7**	**50**		**4490**	**MCL**	**5**	**ug/L**	**YES**
P003L	**UAZ**	**11/1/2021**	**TRICHLOROETHYLENE (TCE)**	**16.7**	**50**		**2220**	**MCL**	**5**	**ug/L**	**YES**
P003L	**UAZ**	**2/8/2022**	**TRICHLOROETHYLENE (TCE)**	**16.7**	**50**	**J**	**2410**	**MCL**	**5**	**ug/L**	**YES**
P003L	**UAZ**	**2/8/2022**	**TRICHLOROETHYLENE (TCE)**	**16.7**	**50**	**J**	**2130**	**MCL**	**5**	**ug/L**	**YES**
P003L	**UAZ**	**2/8/2022**	**TRITIUM**	**0.511**	**13**		**939**	**MCL**	**20**	**pCi/mL**	**YES**
P003U	**UAZ**	**5/19/2021**	**1,1-DICHLOROETHYLENE**	**3.33**	**10**	**U**	**10**	**MCL**	**7**	**ug/L**	**YES**
P003U	**UAZ**	**8/2/2021**	**1,1-DICHLOROETHYLENE**	**3.33**	**10**	**U**	**10**	**MCL**	**7**	**ug/L**	**YES**
P003U	**UAZ**	**11/1/2021**	**1,1-DICHLOROETHYLENE**	**3.33**	**10**	**U**	**10**	**MCL**	**7**	**ug/L**	**YES**
P003U	**UAZ**	**2/8/2022**	**1,1-DICHLOROETHYLENE**	**3.33**	**10**	**U**	**10**	**MCL**	**7**	**ug/L**	**YES**
P003U	**UAZ**	**2/8/2022**	**1,1-DICHLOROETHYLENE**	**3.33**	**10**	**U**	**10**	**MCL**	**7**	**ug/L**	**YES**
P003U	UAZ	5/19/2021	CHLORIDE	0.067	0.2		2.88	-	-	mg/L	NO
P003U	UAZ	8/2/2021	CHLORIDE	0.067	0.2		3.05	-	-	mg/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
P003U	UAZ	11/1/2021	CHLORIDE	0.067	0.2		2.86	-	-	mg/L	NO
P003U	UAZ	2/8/2022	CHLORIDE	0.067	0.2		2.69	-	-	mg/L	NO
P003U	**UAZ**	**5/19/2021**	**CHLOROETHENE (VINYL CHLORIDE)**	**3.33**	**10**	**U**	**10**	**MCL**	**2**	**ug/L**	**YES**
P003U	**UAZ**	**8/2/2021**	**CHLOROETHENE (VINYL CHLORIDE)**	**3.33**	**10**	**U**	**10**	**MCL**	**2**	**ug/L**	**YES**
P003U	**UAZ**	**11/1/2021**	**CHLOROETHENE (VINYL CHLORIDE)**	**3.33**	**10**	**U**	**10**	**MCL**	**2**	**ug/L**	**YES**
P003U	**UAZ**	**2/8/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**3.33**	**10**	**U**	**10**	**MCL**	**2**	**ug/L**	**YES**
P003U	**UAZ**	**2/8/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**3.33**	**10**	**U**	**10**	**MCL**	**2**	**ug/L**	**YES**
P003U	UAZ	5/19/2021	CIS-1,2-DICHLOROETHYLENE	3.33	10	J	9.4	MCL	70	ug/L	NO
P003U	UAZ	8/2/2021	CIS-1,2-DICHLOROETHYLENE	3.33	10	J	6.9	MCL	70	ug/L	NO
P003U	UAZ	11/1/2021	CIS-1,2-DICHLOROETHYLENE	3.33	10	J	8.3	MCL	70	ug/L	NO
P003U	UAZ	2/8/2022	CIS-1,2-DICHLOROETHYLENE	3.33	10		10.4	MCL	70	ug/L	NO
P003U	UAZ	2/8/2022	CIS-1,2-DICHLOROETHYLENE	3.33	10	J	8.9	MCL	70	ug/L	NO
P003U	UAZ	5/19/2021	DISSOLVED ORGANIC CARBON	0.33	1		1.09	-	-	mg/L	NO
P003U	UAZ	5/19/2021	DISSOLVED ORGANIC CARBON	0.33	1		1.07	-	-	mg/L	NO
P003U	UAZ	5/19/2021	DISSOLVED ORGANIC CARBON	0.33	1		1.07	-	-	mg/L	NO
P003U	UAZ	5/19/2021	DISSOLVED ORGANIC CARBON	0.33	1		1.07	-	-	mg/L	NO
P003U	UAZ	5/19/2021	DISSOLVED ORGANIC CARBON	0.33	1		1.07	-	-	mg/L	NO
P003U	UAZ	8/2/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	0.923	-	-	mg/L	NO
P003U	UAZ	8/2/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	0.779	-	-	mg/L	NO
P003U	UAZ	8/2/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	0.76	-	-	mg/L	NO
P003U	UAZ	8/2/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	0.723	-	-	mg/L	NO
P003U	UAZ	8/2/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	0.711	-	-	mg/L	NO
P003U	UAZ	11/1/2021	DISSOLVED ORGANIC CARBON	0.33	1		3.1	-	-	mg/L	NO
P003U	UAZ	11/1/2021	DISSOLVED ORGANIC CARBON	0.33	1		3.09	-	-	mg/L	NO
P003U	UAZ	11/1/2021	DISSOLVED ORGANIC CARBON	0.33	1	J	3.08	-	-	mg/L	NO
P003U	UAZ	11/1/2021	DISSOLVED ORGANIC CARBON	0.33	1		3.07	-	-	mg/L	NO
P003U	UAZ	11/1/2021	DISSOLVED ORGANIC CARBON	0.33	1		3.06	-	-	mg/L	NO
P003U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1		2.59	-	-	mg/L	NO
P003U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1		2.58	-	-	mg/L	NO
P003U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1		2.57	-	-	mg/L	NO
P003U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1		2.57	-	-	mg/L	NO
P003U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1		2.53	-	-	mg/L	NO
P003U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.391	-	-	mg/L	NO
P003U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.383	-	-	mg/L	NO
P003U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.374	-	-	mg/L	NO
P003U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.364	-	-	mg/L	NO
P003U	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.357	-	-	mg/L	NO
P003U	UAZ	5/19/2021	ETHANE	10	25	UJ	25	-	-	ug/L	NO
P003U	UAZ	8/2/2021	ETHANE	10	25	U	25	-	-	ug/L	NO
P003U	UAZ	11/1/2021	ETHANE	10	25	U	25	-	-	ug/L	NO
P003U	UAZ	2/8/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
P003U	UAZ	2/8/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
P003U	UAZ	5/19/2021	ETHYLENE	10	25	UJ	25	-	-	ug/L	NO
P003U	UAZ	8/2/2021	ETHYLENE	10	25	U	25	-	-	ug/L	NO
P003U	UAZ	11/1/2021	ETHYLENE	10	25	U	25	-	-	ug/L	NO
P003U	UAZ	2/8/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
P003U	UAZ	2/8/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
P003U	UAZ	2/8/2022	FERRIC IRON	0.1	0.1	U	0.1	-	-	mg/L	NO
P003U	UAZ	2/8/2022	FERROUS IRON	0.05	0.05	U	0.05	-	-	mg/L	NO
P003U	UAZ	2/8/2022	IRON	0.04	0.1	U	0.1	RSL	14000	mg/L	NO
P003U	UAZ	5/19/2021	METHANE	10	25	UJ	25	-	-	ug/L	NO
P003U	UAZ	8/2/2021	METHANE	10	25	U	25	-	-	ug/L	NO
P003U	UAZ	11/1/2021	METHANE	10	25	J	11.2	-	-	ug/L	NO
P003U	UAZ	2/8/2022	METHANE	10	25	U	25	-	-	ug/L	NO
P003U	UAZ	2/8/2022	NITRATE	0.033	0.1		2.06	MCL	10	mg/L	NO
P003U	UAZ	2/8/2022	SULFATE	0.133	0.4		1.05	-	-	mg/L	NO
P003U	UAZ	2/8/2022	SULFIDE	0.033	0.1	U	0.1	-	-	mg/L	NO
P003U	**UAZ**	**5/19/2021**	**TETRACHLOROETHYLENE (PCE)**	**3.33**	**10**	**U**	**10**	**MCL**	**5**	**ug/L**	**YES**
P003U	**UAZ**	**8/2/2021**	**TETRACHLOROETHYLENE (PCE)**	**3.33**	**10**	**U**	**10**	**MCL**	**5**	**ug/L**	**YES**
P003U	**UAZ**	**11/1/2021**	**TETRACHLOROETHYLENE (PCE)**	**3.33**	**10**	**U**	**10**	**MCL**	**5**	**ug/L**	**YES**
P003U	**UAZ**	**2/8/2022**	**TETRACHLOROETHYLENE (PCE)**	**3.33**	**10**	**U**	**10**	**MCL**	**5**	**ug/L**	**YES**

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
P003U	**UAZ**	**2/8/2022**	**TETRACHLOROETHYLENE (PCE)**	**3.33**	**10**	**U**	**10**	**MCL**	**5**	**ug/L**	**YES**
P003U	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		4.92	-	-	mg/L	NO
P003U	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		4.8	-	-	mg/L	NO
P003U	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		4.77	-	-	mg/L	NO
P003U	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		4.7	-	-	mg/L	NO
P003U	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		4.65	-	-	mg/L	NO
P003U	UAZ	5/19/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.415	-	-	mg/L	NO
P003U	UAZ	5/19/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.402	-	-	mg/L	NO
P003U	UAZ	5/19/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.398	-	-	mg/L	NO
P003U	UAZ	5/19/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.394	-	-	mg/L	NO
P003U	UAZ	5/19/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.381	-	-	mg/L	NO
P003U	UAZ	5/19/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.374	-	-	mg/L	NO
P003U	UAZ	8/2/2021	TOTAL ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO
P003U	UAZ	8/2/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.579	-	-	mg/L	NO
P003U	UAZ	8/2/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.419	-	-	mg/L	NO
P003U	UAZ	8/2/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.403	-	-	mg/L	NO
P003U	UAZ	8/2/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.364	-	-	mg/L	NO
P003U	UAZ	8/2/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.33	-	-	mg/L	NO
P003U	UAZ	11/1/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.414	-	-	mg/L	NO
P003U	UAZ	11/1/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.41	-	-	mg/L	NO
P003U	UAZ	11/1/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.409	-	-	mg/L	NO
P003U	UAZ	11/1/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.408	-	-	mg/L	NO
P003U	UAZ	11/1/2021	TOTAL ORGANIC CARBON	0.33	1	J	0.4	-	-	mg/L	NO
P003U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.61	-	-	mg/L	NO
P003U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.575	-	-	mg/L	NO
P003U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.574	-	-	mg/L	NO
P003U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.563	-	-	mg/L	NO
P003U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.546	-	-	mg/L	NO
P003U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.412	-	-	mg/L	NO
P003U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.406	-	-	mg/L	NO
P003U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.405	-	-	mg/L	NO
P003U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.402	-	-	mg/L	NO
P003U	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.401	-	-	mg/L	NO
P003U	UAZ	2/8/2022	TOTAL PHOSPHATES (AS P)	0.02	0.05	U	0.05	RSL	400	mg/L	NO
P003U	UAZ	5/19/2021	TRANS-1,2-DICHLOROETHYLENE	3.33	10	U	10	MCL	100	ug/L	NO
P003U	UAZ	8/2/2021	TRANS-1,2-DICHLOROETHYLENE	3.33	10	U	10	MCL	100	ug/L	NO
P003U	UAZ	11/1/2021	TRANS-1,2-DICHLOROETHYLENE	3.33	10	U	10	MCL	100	ug/L	NO
P003U	UAZ	2/8/2022	TRANS-1,2-DICHLOROETHYLENE	3.33	10	U	10	MCL	100	ug/L	NO
P003U	UAZ	2/8/2022	TRANS-1,2-DICHLOROETHYLENE	3.33	10	U	10	MCL	100	ug/L	NO
P003U	**UAZ**	**5/19/2021**	**TRICHLOROETHYLENE (TCE)**	**3.33**	**10**		**447**	**MCL**	**5**	**ug/L**	**YES**
P003U	**UAZ**	**8/2/2021**	**TRICHLOROETHYLENE (TCE)**	**3.33**	**10**		**350**	**MCL**	**5**	**ug/L**	**YES**
P003U	**UAZ**	**11/1/2021**	**TRICHLOROETHYLENE (TCE)**	**3.33**	**10**		**323**	**MCL**	**5**	**ug/L**	**YES**
P003U	**UAZ**	**2/8/2022**	**TRICHLOROETHYLENE (TCE)**	**3.33**	**10**	**J**	**558**	**MCL**	**5**	**ug/L**	**YES**
P003U	**UAZ**	**2/8/2022**	**TRICHLOROETHYLENE (TCE)**	**3.33**	**10**	**J**	**465**	**MCL**	**5**	**ug/L**	**YES**
P003U	UAZ	2/8/2022	TRITIUM	0.51	1.92		10.1	MCL	20	pCi/mL	NO
PAO001DU	UAZ	2/1/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PAO001DU	UAZ	2/1/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PAO001DU	UAZ	2/1/2022	ALUMINUM	68	200		6730	RSL	20000	ug/L	NO
PAO001DU	UAZ	2/1/2022	ALUMINUM	68	200		7050	RSL	20000	ug/L	NO
PAO001DU	**UAZ**	**2/1/2022**	**ANTIMONY**	**3.5**	**20**	**U**	**20**	**MCL**	**6**	**ug/L**	**YES**
PAO001DU	**UAZ**	**2/1/2022**	**ANTIMONY**	**3.5**	**20**	**U**	**20**	**MCL**	**6**	**ug/L**	**YES**
PAO001DU	**UAZ**	**2/1/2022**	**ARSENIC**	**5**	**30**	**J**	**18.3**	**MCL**	**10**	**ug/L**	**YES**
PAO001DU	**UAZ**	**2/1/2022**	**ARSENIC**	**5**	**30**	**J**	**20.8**	**MCL**	**10**	**ug/L**	**YES**
PAO001DU	UAZ	2/1/2022	BARIUM	1	5		11.5	MCL	2000	ug/L	NO
PAO001DU	UAZ	2/1/2022	BARIUM	1	5		11.7	MCL	2000	ug/L	NO
PAO001DU	**UAZ**	**2/1/2022**	**BERYLLIUM**	**1**	**5**	**U**	**5**	**MCL**	**4**	**ug/L**	**YES**
PAO001DU	**UAZ**	**2/1/2022**	**BERYLLIUM**	**1**	**5**	**U**	**5**	**MCL**	**4**	**ug/L**	**YES**
PAO001DU	UAZ	2/1/2022	CADMIUM	1	5	U	5	MCL	5	ug/L	NO
PAO001DU	UAZ	2/1/2022	CADMIUM	1	5	U	5	MCL	5	ug/L	NO
PAO001DU	UAZ	2/1/2022	CALCIUM	50	200		11800	-	-	ug/L	NO
PAO001DU	UAZ	2/1/2022	CALCIUM	50	200		12300	-	-	ug/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PAO001DU	UAZ	2/1/2022	CHLORIDE	0.067	0.2		3.02	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	CHLORIDE	0.067	0.2		3.18	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	CHLORIDE	0.067	0.2		3.04	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PAO001DU	UAZ	2/1/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PAO001DU	**UAZ**	**2/1/2022**	**CHROMIUM**	**1**	**10**		**139**	**MCL**	**100**	**ug/L**	**YES**
PAO001DU	**UAZ**	**2/1/2022**	**CHROMIUM**	**1**	**10**		**142**	**MCL**	**100**	**ug/L**	**YES**
PAO001DU	UAZ	2/1/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PAO001DU	UAZ	2/1/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PAO001DU	UAZ	2/1/2022	COBALT	1	5	J	1.93	RSL	6	ug/L	NO
PAO001DU	UAZ	2/1/2022	COBALT	1	5	J	2.27	RSL	6	ug/L	NO
PAO001DU	UAZ	2/1/2022	COPPER	3	20	J	3.78	MCL	1300	ug/L	NO
PAO001DU	UAZ	2/1/2022	COPPER	3	20	J	3.82	MCL	1300	ug/L	NO
PAO001DU	UAZ	2/1/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PAO001DU	UAZ	2/1/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PAO001DU	UAZ	2/1/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PAO001DU	UAZ	2/1/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PAO001DU	UAZ	2/1/2022	FERRIC IRON	0.1	0.1	U	0.1	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	FERRIC IRON	0.1	0.1	U	0.1	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	FERROUS IRON	0.05	0.05	U	0.05	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	FERROUS IRON	0.05	0.05	U	0.05	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	GROSS ALPHA	1.39	4.99		11.2	MCL	15	pCi/L	NO
PAO001DU	UAZ	2/1/2022	GROSS ALPHA	1.57	5.03		10.5	MCL	15	pCi/L	NO
PAO001DU	UAZ	2/1/2022	IRON	30	100	J	82.1	RSL	14000	ug/L	NO
PAO001DU	UAZ	2/1/2022	IRON	0.04	0.1	U	0.1	RSL	14000	mg/L	NO
PAO001DU	UAZ	2/1/2022	IRON	30	100	J	75.3	RSL	14000	ug/L	NO
PAO001DU	UAZ	2/1/2022	IRON	0.04	0.1	U	0.1	RSL	14000	mg/L	NO
PAO001DU	UAZ	2/1/2022	LEAD	3.3	20	J	7.62	MCL	15	ug/L	NO
PAO001DU	UAZ	2/1/2022	LEAD	3.3	20	J	6.69	MCL	15	ug/L	NO
PAO001DU	UAZ	2/1/2022	MAGNESIUM	110	300		1160	-	-	ug/L	NO
PAO001DU	UAZ	2/1/2022	MAGNESIUM	110	300		1210	-	-	ug/L	NO
PAO001DU	UAZ	2/1/2022	MANGANESE	2	10	U	10	RSL	430	ug/L	NO
PAO001DU	UAZ	2/1/2022	MANGANESE	2	10	U	10	RSL	430	ug/L	NO
PAO001DU	UAZ	2/1/2022	MERCURY	0.067	0.2		0.332	MCL	2	ug/L	NO
PAO001DU	UAZ	2/1/2022	MERCURY	0.067	0.2		0.308	MCL	2	ug/L	NO
PAO001DU	UAZ	2/1/2022	NICKEL	1.5	5	J	4.06	RSL	390	ug/L	NO
PAO001DU	UAZ	2/1/2022	NICKEL	1.5	5	J	2.88	RSL	390	ug/L	NO
PAO001DU	UAZ	2/1/2022	NITRATE	0.033	0.1		2.53	MCL	10	mg/L	NO
PAO001DU	UAZ	2/1/2022	NITRATE	0.033	0.1		2.54	MCL	10	mg/L	NO
PAO001DU	UAZ	2/1/2022	NITRATE	0.033	0.1		2.54	MCL	10	mg/L	NO
PAO001DU	UAZ	2/1/2022	NONVOLATILE BETA	1.03	2.82		7.59	MCL	50	pCi/L	NO
PAO001DU	UAZ	2/1/2022	NONVOLATILE BETA	1.45	3.57		6.66	MCL	50	pCi/L	NO
PAO001DU	UAZ	2/1/2022	POTASSIUM	50	150		1320	-	-	ug/L	NO
PAO001DU	UAZ	2/1/2022	POTASSIUM	50	150		1360	-	-	ug/L	NO
PAO001DU	UAZ	2/1/2022	SELENIUM	6	30	J	7.88	MCL	50	ug/L	NO
PAO001DU	UAZ	2/1/2022	SELENIUM	6	30	J	7.2	MCL	50	ug/L	NO
PAO001DU	UAZ	2/1/2022	SILVER	1	5	U	5	RSL	94	ug/L	NO
PAO001DU	UAZ	2/1/2022	SILVER	1	5	U	5	RSL	94	ug/L	NO
PAO001DU	UAZ	2/1/2022	SODIUM	100	300		109000	-	-	ug/L	NO
PAO001DU	UAZ	2/1/2022	SODIUM	100	300		112000	-	-	ug/L	NO
PAO001DU	UAZ	2/1/2022	SULFATE	6.65	20		327	-	-	mg/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PAO001DU	UAZ	2/1/2022	SULFATE	6.65	20		342	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	SULFATE	6.65	20		338	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	SULFIDE	0.033	0.1	U	0.1	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	SULFIDE	0.033	0.1	U	0.1	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PAO001DU	UAZ	2/1/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PAO001DU	**UAZ**	**2/1/2022**	**THALLIUM**	**5**	**20**	**U**	**20**	**MCL**	**2**	**ug/L**	**YES**
PAO001DU	**UAZ**	**2/1/2022**	**THALLIUM**	**5**	**20**	**U**	**20**	**MCL**	**2**	**ug/L**	**YES**
PAO001DU	UAZ	2/1/2022	TOTAL INORGANIC CARBON	0.33	1		16	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL INORGANIC CARBON	0.33	1		15.9	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL INORGANIC CARBON	0.33	1		15.8	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL INORGANIC CARBON	0.33	1		15.8	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL INORGANIC CARBON	0.33	1		15.4	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL INORGANIC CARBON	0.33	1		14.9	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL INORGANIC CARBON	0.33	1		14.4	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL INORGANIC CARBON	0.33	1		14.3	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL INORGANIC CARBON	0.33	1		14.2	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL INORGANIC CARBON	0.33	1		13.8	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.418	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.411	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.4	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.398	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.373	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.341	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.34	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.334	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.33	-	-	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL PHOSPHATES (AS P)	0.02	0.05		0.0512	RSL	400	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL PHOSPHATES (AS P)	0.02	0.05	U	0.05	RSL	400	mg/L	NO
PAO001DU	UAZ	2/1/2022	TOTAL PHOSPHATES (AS P)	0.02	0.05	U	0.05	RSL	400	mg/L	NO
PAO001DU	UAZ	2/1/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PAO001DU	UAZ	2/1/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PAO001DU	UAZ	2/1/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PAO001DU	UAZ	2/1/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PAO001DU	UAZ	2/1/2022	TRITIUM	0.837	2.92		14.7	MCL	20	pCi/mL	NO
PAO001DU	UAZ	2/1/2022	TRITIUM	0.831	2.93		15.2	MCL	20	pCi/mL	NO
PAO001DU	UAZ	2/1/2022	URANIUM	0.067	0.2		9.98	MCL	30	ug/L	NO
PAO001DU	UAZ	2/1/2022	URANIUM	0.067	0.2		9.92	MCL	30	ug/L	NO
PAO001DU	UAZ	2/1/2022	VANADIUM	1	5	U	5	RSL	86	ug/L	NO
PAO001DU	UAZ	2/1/2022	VANADIUM	1	5	U	5	RSL	86	ug/L	NO
PAO001DU	UAZ	2/1/2022	ZINC	3.3	20	J	6.52	RSL	6000	ug/L	NO
PAO001DU	UAZ	2/1/2022	ZINC	3.3	20	J	7.46	RSL	6000	ug/L	NO
PAO002DL	UAZ	2/8/2022	1,1-DICHLOROETHYLENE	1.33	4	U	4	MCL	7	ug/L	NO
PAO002DL	UAZ	2/8/2022	ALUMINUM	68	200	U	200	RSL	20000	ug/L	NO
PAO002DL	**UAZ**	**2/8/2022**	**ANTIMONY**	**3.5**	**20**	**U**	**20**	**MCL**	**6**	**ug/L**	**YES**
PAO002DL	**UAZ**	**2/8/2022**	**ARSENIC**	**5**	**30**	**U**	**30**	**MCL**	**10**	**ug/L**	**YES**
PAO002DL	UAZ	2/8/2022	BARIUM	1	5		7.81	MCL	2000	ug/L	NO
PAO002DL	**UAZ**	**2/8/2022**	**BERYLLIUM**	**1**	**5**	**U**	**5**	**MCL**	**4**	**ug/L**	**YES**
PAO002DL	UAZ	2/8/2022	CADMIUM	1	5	U	5	MCL	5	ug/L	NO
PAO002DL	UAZ	2/8/2022	CALCIUM	50	200		1410	-	-	ug/L	NO
PAO002DL	UAZ	2/8/2022	CHLORIDE	0.067	0.2		2.5	-	-	mg/L	NO
PAO002DL	**UAZ**	**2/8/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**1.33**	**4**	**U**	**4**	**MCL**	**2**	**ug/L**	**YES**
PAO002DL	UAZ	2/8/2022	CHROMIUM	1	10	J	2.67	MCL	100	ug/L	NO
PAO002DL	UAZ	2/8/2022	CIS-1,2-DICHLOROETHYLENE	1.33	4	U	4	MCL	70	ug/L	NO
PAO002DL	UAZ	2/8/2022	COBALT	1	5	J	1.67	RSL	6	ug/L	NO
PAO002DL	UAZ	2/8/2022	COPPER	3	20	U	20	MCL	1300	ug/L	NO
PAO002DL	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PAO002DL	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PAO002DL	UAZ	2/8/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PAO002DL	UAZ	2/8/2022	FERRIC IRON	0.1	0.1	U	0.1	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	FERROUS IRON	0.05	0.05	U	0.05	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	GROSS ALPHA	0.661	1.92	J	1.4	MCL	15	pCi/L	NO
PAO002DL	UAZ	2/8/2022	IRON	30	100	U	100	RSL	14000	ug/L	NO
PAO002DL	UAZ	2/8/2022	IRON	0.04	0.1	U	0.1	RSL	14000	mg/L	NO
PAO002DL	**UAZ**	**2/8/2022**	**LEAD**	**3.3**	**20**	**U**	**20**	**MCL**	**15**	**ug/L**	**YES**
PAO002DL	UAZ	2/8/2022	MAGNESIUM	110	300		594	-	-	ug/L	NO
PAO002DL	UAZ	2/8/2022	MANGANESE	2	10	J	4.5	RSL	430	ug/L	NO
PAO002DL	UAZ	2/8/2022	MERCURY	0.067	0.2	U	0.2	MCL	2	ug/L	NO
PAO002DL	UAZ	2/8/2022	NICKEL	1.5	5	J	2.01	RSL	390	ug/L	NO
PAO002DL	UAZ	2/8/2022	NITRATE	0.033	0.1		1.58	MCL	10	mg/L	NO
PAO002DL	UAZ	2/8/2022	NONVOLATILE BETA	0.981	2.22	U	0.867	MCL	50	pCi/L	NO
PAO002DL	UAZ	2/8/2022	POTASSIUM	50	150		238	-	-	ug/L	NO
PAO002DL	UAZ	2/8/2022	SELENIUM	6	30	U	30	MCL	50	ug/L	NO
PAO002DL	UAZ	2/8/2022	SILVER	1	5	U	5	RSL	94	ug/L	NO
PAO002DL	UAZ	2/8/2022	SODIUM	100	300		3090	-	-	ug/L	NO
PAO002DL	UAZ	2/8/2022	SULFATE	0.133	0.4		0.413	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	SULFIDE	0.033	0.1	U	0.1	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	TETRACHLOROETHYLENE (PCE)	1.33	4	U	4	MCL	5	ug/L	NO
PAO002DL	**UAZ**	**2/8/2022**	**THALLIUM**	**5**	**20**	**U**	**20**	**MCL**	**2**	**ug/L**	**YES**
PAO002DL	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		16.7	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		16.5	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		16.3	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		16	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		15.9	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.43	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.43	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.42	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.416	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.386	-	-	mg/L	NO
PAO002DL	UAZ	2/8/2022	TOTAL PHOSPHATES (AS P)	0.02	0.05	U	0.05	RSL	400	mg/L	NO
PAO002DL	UAZ	2/8/2022	TRANS-1,2-DICHLOROETHYLENE	1.33	4	U	4	MCL	100	ug/L	NO
PAO002DL	**UAZ**	**2/8/2022**	**TRICHLOROETHYLENE (TCE)**	**1.33**	**4**	**J**	**167**	**MCL**	**5**	**ug/L**	**YES**
PAO002DL	UAZ	2/8/2022	TRITIUM	0.512	2.22		15.6	MCL	20	pCi/mL	NO
PAO002DL	UAZ	2/8/2022	URANIUM	0.067	0.2	U	0.2	MCL	30	ug/L	NO
PAO002DL	UAZ	2/8/2022	VANADIUM	1	5	U	5	RSL	86	ug/L	NO
PAO002DL	UAZ	2/8/2022	ZINC	3.3	20	U	20	RSL	6000	ug/L	NO
PAO002DU	UAZ	2/8/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PAO002DU	UAZ	2/8/2022	ALUMINUM	68	200	U	200	RSL	20000	ug/L	NO
PAO002DU	**UAZ**	**2/8/2022**	**ANTIMONY**	**3.5**	**20**	**U**	**20**	**MCL**	**6**	**ug/L**	**YES**
PAO002DU	**UAZ**	**2/8/2022**	**ARSENIC**	**5**	**30**	**U**	**30**	**MCL**	**10**	**ug/L**	**YES**
PAO002DU	UAZ	2/8/2022	BARIUM	1	5		25.8	MCL	2000	ug/L	NO
PAO002DU	**UAZ**	**2/8/2022**	**BERYLLIUM**	**1**	**5**	**U**	**5**	**MCL**	**4**	**ug/L**	**YES**
PAO002DU	UAZ	2/8/2022	CADMIUM	1	5	U	5	MCL	5	ug/L	NO
PAO002DU	UAZ	2/8/2022	CALCIUM	50	200		11200	-	-	ug/L	NO
PAO002DU	UAZ	2/8/2022	CHLORIDE	0.067	0.2		2.57	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	CHLORIDE	0.067	0.2		2.56	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PAO002DU	UAZ	2/8/2022	CHROMIUM	1	10	J	2.68	MCL	100	ug/L	NO
PAO002DU	UAZ	2/8/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	J	0.34	MCL	70	ug/L	NO
PAO002DU	UAZ	2/8/2022	COBALT	1	5	U	5	RSL	6	ug/L	NO
PAO002DU	UAZ	2/8/2022	COPPER	3	20	U	20	MCL	1300	ug/L	NO
PAO002DU	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.656	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.651	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.634	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.631	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.584	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	ETHANE	10	25	U	25	-	-	ug/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PAO002DU	UAZ	2/8/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PAO002DU	UAZ	2/8/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PAO002DU	UAZ	2/8/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PAO002DU	UAZ	2/8/2022	FERRIC IRON	0.1	0.1	U	0.1	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	FERROUS IRON	0.05	0.05	U	0.05	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	GROSS ALPHA	0.942	2.76		3.19	MCL	15	pCi/L	NO
PAO002DU	UAZ	2/8/2022	GROSS ALPHA	0.65	2.28		3.04	MCL	15	pCi/L	NO
PAO002DU	UAZ	2/8/2022	IRON	30	100	J	32.7	RSL	14000	ug/L	NO
PAO002DU	UAZ	2/8/2022	IRON	0.04	0.1	U	0.1	RSL	14000	mg/L	NO
PAO002DU	**UAZ**	**2/8/2022**	**LEAD**	**3.3**	**20**	**U**	**20**	**MCL**	**15**	**ug/L**	**YES**
PAO002DU	UAZ	2/8/2022	MAGNESIUM	110	300		1190	-	-	ug/L	NO
PAO002DU	UAZ	2/8/2022	MANGANESE	2	10	J	2.05	RSL	430	ug/L	NO
PAO002DU	UAZ	2/8/2022	MERCURY	0.067	0.2	U	0.2	MCL	2	ug/L	NO
PAO002DU	UAZ	2/8/2022	NICKEL	1.5	5	J	2.04	RSL	390	ug/L	NO
PAO002DU	UAZ	2/8/2022	NITRATE	0.033	0.1		2.58	MCL	10	mg/L	NO
PAO002DU	UAZ	2/8/2022	NITRATE	0.033	0.1		2.58	MCL	10	mg/L	NO
PAO002DU	UAZ	2/8/2022	NONVOLATILE BETA	0.973	2.47		3.35	MCL	50	pCi/L	NO
PAO002DU	UAZ	2/8/2022	NONVOLATILE BETA	0.962	2.44		2.75	MCL	50	pCi/L	NO
PAO002DU	UAZ	2/8/2022	POTASSIUM	50	150		1010	-	-	ug/L	NO
PAO002DU	UAZ	2/8/2022	SELENIUM	6	30	U	30	MCL	50	ug/L	NO
PAO002DU	UAZ	2/8/2022	SILVER	1	5	U	5	RSL	94	ug/L	NO
PAO002DU	UAZ	2/8/2022	SODIUM	100	300		2410	-	-	ug/L	NO
PAO002DU	UAZ	2/8/2022	SULFATE	0.133	0.4		0.809	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	SULFATE	0.133	0.4		0.792	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	SULFIDE	0.033	0.1	U	0.1	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PAO002DU	**UAZ**	**2/8/2022**	**THALLIUM**	**5**	**20**	**U**	**20**	**MCL**	**2**	**ug/L**	**YES**
PAO002DU	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		16.2	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		15.8	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		15.7	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		15.6	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	TOTAL INORGANIC CARBON	0.33	1		15.6	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.437	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.426	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.42	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.41	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.406	-	-	mg/L	NO
PAO002DU	UAZ	2/8/2022	TOTAL PHOSPHATES (AS P)	0.02	0.05	U	0.05	RSL	400	mg/L	NO
PAO002DU	UAZ	2/8/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PAO002DU	**UAZ**	**2/8/2022**	**TRICHLOROETHYLENE (TCE)**	**0.333**	**1**	**J**	**27**	**MCL**	**5**	**ug/L**	**YES**
PAO002DU	UAZ	2/8/2022	TRITIUM	0.512	1.14	U	0.426	MCL	20	pCi/mL	NO
PAO002DU	UAZ	2/8/2022	TRITIUM	0.515	1.12	U	0.234	MCL	20	pCi/mL	NO
PAO002DU	UAZ	2/8/2022	URANIUM	0.067	0.2	J	0.068	MCL	30	ug/L	NO
PAO002DU	UAZ	2/8/2022	VANADIUM	1	5	U	5	RSL	86	ug/L	NO
PAO002DU	UAZ	2/8/2022	ZINC	3.3	20	U	20	RSL	6000	ug/L	NO
PAO003DU	UAZ	2/1/2022	1,1-DICHLOROETHYLENE	0.666	2	U	2	MCL	7	ug/L	NO
PAO003DU	UAZ	2/1/2022	CHLOROETHENE (VINYL CHLORIDE)	0.666	2	U	2	MCL	2	ug/L	NO
PAO003DU	UAZ	2/1/2022	CIS-1,2-DICHLOROETHYLENE	0.666	2	U	2	MCL	70	ug/L	NO
PAO003DU	UAZ	2/1/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PAO003DU	UAZ	2/1/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PAO003DU	**UAZ**	**2/1/2022**	**TETRACHLOROETHYLENE (PCE)**	**0.666**	**2**		**131**	**MCL**	**5**	**ug/L**	**YES**
PAO003DU	UAZ	2/1/2022	TRANS-1,2-DICHLOROETHYLENE	0.666	2	U	2	MCL	100	ug/L	NO
PAO003DU	UAZ	2/1/2022	TRICHLOROETHYLENE (TCE)	0.666	2	J	1.88	MCL	5	ug/L	NO
PAO003DU	UAZ	2/1/2022	TRITIUM	0.841	1.77	U	-0.184	MCL	20	pCi/mL	NO
PDB 2	**UAZ**	**1/31/2022**	**TRITIUM**	**0.872**	**10.3**		**513**	**MCL**	**20**	**pCi/mL**	**YES**
PDB 3	UAZ	1/31/2022	TRITIUM	0.856	1.79	U	-0.562	MCL	20	pCi/mL	NO
PDB 5	UAZ	1/31/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PDB 5	UAZ	1/31/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PDB 5	UAZ	1/31/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PDB 5	UAZ	1/31/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PDB 5	UAZ	1/31/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PDB 5	UAZ	1/31/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PDB 5	UAZ	1/31/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PDB 5	UAZ	1/31/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PDB 5	UAZ	1/31/2022	TRITIUM	0.879	1.83	U	-0.631	MCL	20	pCi/mL	NO
PDB003C	LAZ	1/31/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PDB003C	LAZ	1/31/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PDB003C	LAZ	1/31/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PDB003C	LAZ	1/31/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PDB003C	LAZ	1/31/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PDB003C	LAZ	1/31/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PDB003C	LAZ	1/31/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PDB003C	LAZ	1/31/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PDB003C	LAZ	1/31/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PDB003C	LAZ	1/31/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PDB003C	**LAZ**	**1/31/2022**	**TRITIUM**	**884**	**5600**		**121000**	**MCL**	**20**	**pCi/L**	**YES**
PDB003C	**LAZ**	**1/31/2022**	**TRITIUM**	**0.866**	**5.53**		**121**	**MCL**	**20**	**pCi/mL**	**YES**
PGW014 B	LAZ	1/31/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW014 B	LAZ	1/31/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW014 B	LAZ	1/31/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW014 B	LAZ	1/31/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW014 B	LAZ	1/31/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW014 B	LAZ	1/31/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW014 B	LAZ	1/31/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW014 B	LAZ	1/31/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW014 B	LAZ	1/31/2022	TRITIUM	0.873	1.84	U	-0.412	MCL	20	pCi/mL	NO
PGW014 C	LAZ	2/1/2022	1,1-DICHLOROETHYLENE	1.67	5	U	5	MCL	7	ug/L	NO
PGW014 C	**LAZ**	**2/1/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**1.67**	**5**	**U**	**5**	**MCL**	**2**	**ug/L**	**YES**
PGW014 C	LAZ	2/1/2022	CIS-1,2-DICHLOROETHYLENE	1.67	5		6.55	MCL	70	ug/L	NO
PGW014 C	LAZ	2/1/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW014 C	LAZ	2/1/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW014 C	LAZ	2/1/2022	TETRACHLOROETHYLENE (PCE)	1.67	5	U	5	MCL	5	ug/L	NO
PGW014 C	LAZ	2/1/2022	TRANS-1,2-DICHLOROETHYLENE	1.67	5	U	5	MCL	100	ug/L	NO
PGW014 C	**LAZ**	**2/1/2022**	**TRICHLOROETHYLENE (TCE)**	**1.67**	**5**		**300**	**MCL**	**5**	**ug/L**	**YES**
PGW014 C	LAZ	2/1/2022	TRITIUM	0.868	1.78	U	-0.906	MCL	20	pCi/mL	NO
PGW014DU	UAZ	2/1/2022	1,1-DICHLOROETHYLENE	0.188	1	U	1	MCL	7	ug/L	NO
PGW014DU	UAZ	2/1/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW014DU	UAZ	2/1/2022	CHLOROETHENE (VINYL CHLORIDE)	0.234	1	U	1	MCL	2	ug/L	NO
PGW014DU	UAZ	2/1/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW014DU	UAZ	2/1/2022	CIS-1,2-DICHLOROETHYLENE	0.126	1		12.6	MCL	70	ug/L	NO
PGW014DU	UAZ	2/1/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1		11.6	MCL	70	ug/L	NO
PGW014DU	UAZ	2/1/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW014DU	UAZ	2/1/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW014DU	**UAZ**	**2/1/2022**	**TETRACHLOROETHYLENE (PCE)**	**0.3**	**12**	**U**	**12**	**MCL**	**5**	**ug/L**	**YES**
PGW014DU	UAZ	2/1/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW014DU	UAZ	2/1/2022	TRANS-1,2-DICHLOROETHYLENE	0.149	1	J	0.493	MCL	100	ug/L	NO
PGW014DU	UAZ	2/1/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	J	0.44	MCL	100	ug/L	NO
PGW014DU	**UAZ**	**2/1/2022**	**TRICHLOROETHYLENE (TCE)**	**1.9**	**10**		**198**	**MCL**	**5**	**ug/L**	**YES**
PGW014DU	**UAZ**	**2/1/2022**	**TRICHLOROETHYLENE (TCE)**	**1.33**	**4**		**189**	**MCL**	**5**	**ug/L**	**YES**
PGW014DU	**UAZ**	**2/1/2022**	**TRITIUM**		**1190**		**11600**	**MCL**	**20**	**pCi/L**	**YES**
PGW014DU	UAZ	2/1/2022	TRITIUM	0.839	2.76		11.9	MCL	20	pCi/mL	NO
PGW016 B	LAZ	3/21/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW016 B	LAZ	3/21/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW016 B	LAZ	3/21/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW016 B	LAZ	3/21/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW016 B	LAZ	3/21/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW016 B	LAZ	3/21/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW016 B	LAZ	3/21/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW016 B	LAZ	3/21/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW016 B	LAZ	3/21/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW016 B	LAZ	3/21/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW016 B	LAZ	3/21/2022	TRITIUM	0.619	1.28	U	-0.0234	MCL	20	pCi/mL	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PGW016 B	LAZ	3/21/2022	TRITIUM	0.618	1.28	U	-0.0439	MCL	20	pCi/mL	NO
PGW016 C	UAZ	1/31/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW016 C	UAZ	1/31/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW016 C	UAZ	1/31/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW016 C	UAZ	1/31/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW016 C	UAZ	1/31/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW016 C	UAZ	1/31/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW016 C	UAZ	1/31/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW016 C	UAZ	1/31/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW016 C	UAZ	1/31/2022	TRITIUM	0.879	1.94	U	0.597	MCL	20	pCi/mL	NO
PGW016DU	UAZ	1/31/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW016DU	UAZ	1/31/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW016DU	UAZ	1/31/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW016DU	UAZ	1/31/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW016DU	UAZ	1/31/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW016DU	UAZ	1/31/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW016DU	UAZ	1/31/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW016DU	UAZ	1/31/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW016DU	**UAZ**	**1/31/2022**	**TRITIUM**	**0.879**	**5.62**		**123**	**MCL**	**20**	**pCi/mL**	**YES**
PGW017 B	LAZ	2/1/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW017 B	LAZ	2/1/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW017 B	LAZ	2/1/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW017 B	LAZ	2/1/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW017 B	LAZ	2/1/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW017 B	LAZ	2/1/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW017 B	LAZ	2/1/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW017 B	LAZ	2/1/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW017 B	LAZ	2/1/2022	TRITIUM	0.864	1.77	U	-0.878	MCL	20	pCi/mL	NO
PGW017 C	UAZ	2/1/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW017 C	UAZ	2/1/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW017 C	UAZ	2/1/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW017 C	UAZ	2/1/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW017 C	UAZ	2/1/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW017 C	UAZ	2/1/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW017 C	UAZ	2/1/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW017 C	UAZ	2/1/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW017 C	UAZ	2/1/2022	TRITIUM	0.84	1.76	U	-0.167	MCL	20	pCi/mL	NO
PGW017DU	UAZ	2/1/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW017DU	UAZ	2/1/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW017DU	UAZ	2/1/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW017DU	UAZ	2/1/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW017DU	UAZ	2/1/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW017DU	UAZ	2/1/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW017DU	UAZ	2/1/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW017DU	UAZ	2/1/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW017DU	UAZ	2/1/2022	TRITIUM	0.847	1.72	U	-0.605	MCL	20	pCi/mL	NO
PGW018 B	LAZ	2/14/2022	GROSS ALPHA	0.43	1.09	J	1.04	MCL	15	pCi/L	NO
PGW018 B	LAZ	2/14/2022	NONVOLATILE BETA	0.66	1.52		1.58	MCL	50	pCi/L	NO
PGW018 B	LAZ	2/14/2022	TRITIUM	0.682	2.6		7.82	MCL	20	pCi/mL	NO
PGW018 C	UAZ	2/14/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW018 C	UAZ	2/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW018 C	UAZ	2/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW018 C	UAZ	2/14/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW018 C	UAZ	2/14/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW018 C	UAZ	2/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1		2.34	MCL	5	ug/L	NO
PGW018 C	UAZ	2/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW018 C	UAZ	2/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1	J	0.74	MCL	5	ug/L	NO
PGW018 C	**UAZ**	**2/14/2022**	**TRITIUM**	**0.676**	**4.7**		**38.9**	**MCL**	**20**	**pCi/mL**	**YES**
PGW018DU	UAZ	2/14/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW018DU	UAZ	2/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW018DU	UAZ	2/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PGW018DU	UAZ	2/14/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW018DU	UAZ	2/14/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW018DU	UAZ	2/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	J	0.5	MCL	5	ug/L	NO
PGW018DU	UAZ	2/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW018DU	UAZ	2/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW018DU	UAZ	2/14/2022	TRITIUM	0.673	1.54	U	0.623	MCL	20	pCi/mL	NO
PGW019 B	LAZ	2/1/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW019 B	LAZ	2/1/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW019 B	LAZ	2/1/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW019 B	LAZ	2/1/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW019 B	LAZ	2/1/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW019 B	LAZ	2/1/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW019 B	LAZ	2/1/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW019 B	LAZ	2/1/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW019 B	LAZ	2/1/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW019 B	LAZ	2/1/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW019 B	LAZ	2/1/2022	TRITIUM	0.838	1.71	U	-0.567	MCL	20	pCi/mL	NO
PGW019 C	LAZ	2/1/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW019 C	LAZ	2/1/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW019 C	LAZ	2/1/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW019 C	LAZ	2/1/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW019 C	LAZ	2/1/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW019 C	LAZ	2/1/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW019 C	LAZ	2/1/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW019 C	LAZ	2/1/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW019 C	LAZ	2/1/2022	TRITIUM	0.837	1.84	U	0.508	MCL	20	pCi/mL	NO
PGW019DU	UAZ	2/1/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW019DU	UAZ	2/1/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW019DU	UAZ	2/1/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW019DU	UAZ	2/1/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW019DU	UAZ	2/1/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW019DU	UAZ	2/1/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	J	0.72	MCL	5	ug/L	NO
PGW019DU	UAZ	2/1/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW019DU	UAZ	2/1/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW019DU	UAZ	2/1/2022	TRITIUM	0.849	1.82	U	0.0926	MCL	20	pCi/mL	NO
PGW021 B	LAZ	2/14/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW021 B	LAZ	2/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW021 B	LAZ	2/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW021 B	LAZ	2/14/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW021 B	LAZ	2/14/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW021 B	LAZ	2/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	J	0.54	MCL	5	ug/L	NO
PGW021 B	LAZ	2/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW021 B	LAZ	2/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW021 B	LAZ	2/14/2022	TRITIUM	0.684	1.62	J	0.893	MCL	20	pCi/mL	NO
PGW021 C	UAZ	2/14/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW021 C	UAZ	2/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW021 C	UAZ	2/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1		1.71	MCL	70	ug/L	NO
PGW021 C	UAZ	2/14/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW021 C	UAZ	2/14/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW021 C	UAZ	2/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW021 C	UAZ	2/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	J	0.34	MCL	100	ug/L	NO
PGW021 C	UAZ	2/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1		2.07	MCL	5	ug/L	NO
PGW021 C	UAZ	2/14/2022	TRITIUM	0.675	2.55		7.52	MCL	20	pCi/mL	NO
PGW021DU	UAZ	2/14/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW021DU	UAZ	2/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW021DU	UAZ	2/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW021DU	UAZ	2/14/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW021DU	UAZ	2/14/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW021DU	UAZ	2/14/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW021DU	UAZ	2/14/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW021DU	UAZ	2/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PGW021DU	UAZ	2/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW021DU	UAZ	2/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW021DU	UAZ	2/14/2022	TRITIUM	0.676	1.89		2.4	MCL	20	pCi/mL	NO
PGW021DU	UAZ	2/14/2022	TRITIUM	0.677	1.85		2.17	MCL	20	pCi/mL	NO
PGW022 B	LAZ	2/14/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW022 B	LAZ	2/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW022 B	LAZ	2/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW022 B	LAZ	2/14/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW022 B	LAZ	2/14/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW022 B	LAZ	2/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW022 B	LAZ	2/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW022 B	LAZ	2/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW022 B	LAZ	2/14/2022	TRITIUM	0.681	1.46	U	0.232	MCL	20	pCi/mL	NO
PGW022 C	LAZ	2/14/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW022 C	LAZ	2/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW022 C	LAZ	2/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	J	0.46	MCL	70	ug/L	NO
PGW022 C	LAZ	2/14/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW022 C	LAZ	2/14/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW022 C	LAZ	2/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1		2.37	MCL	5	ug/L	NO
PGW022 C	LAZ	2/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW022 C	LAZ	2/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1		2.24	MCL	5	ug/L	NO
PGW022 C	LAZ	2/14/2022	TRITIUM	0.678	1.86		2.23	MCL	20	pCi/mL	NO
PGW022DU	UAZ	2/14/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW022DU	UAZ	2/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW022DU	UAZ	2/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW022DU	UAZ	2/14/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW022DU	UAZ	2/14/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW022DU	UAZ	2/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1		2.27	MCL	5	ug/L	NO
PGW022DU	UAZ	2/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW022DU	UAZ	2/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1		1.81	MCL	5	ug/L	NO
PGW022DU	UAZ	2/14/2022	TRITIUM	0.682	1.83		1.97	MCL	20	pCi/mL	NO
PGW024 B	LAZ	2/16/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW024 B	LAZ	2/16/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW024 B	LAZ	2/16/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1		2.68	MCL	70	ug/L	NO
PGW024 B	LAZ	2/16/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW024 B	LAZ	2/16/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW024 B	LAZ	2/16/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW024 B	LAZ	2/16/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW024 B	LAZ	2/16/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW024 B	LAZ	2/16/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	J	0.39	MCL	100	ug/L	NO
PGW024 B	LAZ	2/16/2022	TRICHLOROETHYLENE (TCE)	0.333	1		4.29	MCL	5	ug/L	NO
PGW024 B	**LAZ**	**2/16/2022**	**TRITIUM**	**0.243**	**3.48**		**50.4**	**MCL**	**20**	**pCi/mL**	**YES**
PGW024 B	**LAZ**	**2/16/2022**	**TRITIUM**	**0.239**	**3.44**		**50.1**	**MCL**	**20**	**pCi/mL**	**YES**
PGW024 C	UAZ	2/16/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW024 C	UAZ	2/16/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW024 C	UAZ	2/16/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1		2.97	MCL	70	ug/L	NO
PGW024 C	UAZ	2/16/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW024 C	UAZ	2/16/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW024 C	UAZ	2/16/2022	TETRACHLOROETHYLENE (PCE)	0.333	1		1.27	MCL	5	ug/L	NO
PGW024 C	UAZ	2/16/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	J	0.39	MCL	100	ug/L	NO
PGW024 C	**UAZ**	**2/16/2022**	**TRICHLOROETHYLENE (TCE)**	**0.333**	**1**		**5.66**	**MCL**	**5**	**ug/L**	**YES**
PGW024 C	**UAZ**	**2/16/2022**	**TRITIUM**	**0.24**	**3.74**		**59.5**	**MCL**	**20**	**pCi/mL**	**YES**
PGW024DU	UAZ	2/16/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW024DU	UAZ	2/16/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW024DU	UAZ	2/16/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW024DU	UAZ	2/16/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW024DU	UAZ	2/16/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW024DU	UAZ	2/16/2022	TETRACHLOROETHYLENE (PCE)	0.333	1		1.48	MCL	5	ug/L	NO
PGW024DU	UAZ	2/16/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW024DU	UAZ	2/16/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW024DU	UAZ	2/16/2022	TRITIUM	0.241	1		2.56	MCL	20	pCi/mL	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PGW025 B	**LAZ**	**2/3/2022**	**1,1-DICHLOROETHYLENE**	**33.3**	**100**	**UJ**	**100**	**MCL**	**7**	**ug/L**	**YES**
PGW025 B	**LAZ**	**2/3/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**33.3**	**100**	**U**	**100**	**MCL**	**2**	**ug/L**	**YES**
PGW025 B	LAZ	2/3/2022	CIS-1,2-DICHLOROETHYLENE	33.3	100	J	67	MCL	70	ug/L	NO
PGW025 B	LAZ	2/3/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW025 B	LAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW025 B	**LAZ**	**2/3/2022**	**TETRACHLOROETHYLENE (PCE)**	**33.3**	**100**	**U**	**100**	**MCL**	**5**	**ug/L**	**YES**
PGW025 B	LAZ	2/3/2022	TRANS-1,2-DICHLOROETHYLENE	33.3	100	UJ	100	MCL	100	ug/L	NO
PGW025 B	**LAZ**	**2/3/2022**	**TRICHLOROETHYLENE (TCE)**	**33.3**	**100**		**5740**	**MCL**	**5**	**ug/L**	**YES**
PGW025 B	**LAZ**	**2/3/2022**	**TRITIUM**	**0.706**	**3.79**		**50.3**	**MCL**	**20**	**pCi/mL**	**YES**
PGW025 C	UAZ	2/3/2022	1,1-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	7	ug/L	NO
PGW025 C	UAZ	2/3/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW025 C	UAZ	2/3/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	70	ug/L	NO
PGW025 C	UAZ	2/3/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW025 C	UAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW025 C	**UAZ**	**2/3/2022**	**TETRACHLOROETHYLENE (PCE)**	**0.333**	**1**		**39.6**	**MCL**	**5**	**ug/L**	**YES**
PGW025 C	UAZ	2/3/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	100	ug/L	NO
PGW025 C	UAZ	2/3/2022	TRICHLOROETHYLENE (TCE)	0.333	1		4.44	MCL	5	ug/L	NO
PGW025 C	UAZ	2/3/2022	TRITIUM	0.708	1.67	J	1.59	MCL	20	pCi/mL	NO
PGW025DU	UAZ	2/3/2022	1,1-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	7	ug/L	NO
PGW025DU	UAZ	2/3/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW025DU	UAZ	2/3/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	70	ug/L	NO
PGW025DU	UAZ	2/3/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW025DU	UAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW025DU	UAZ	2/3/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW025DU	UAZ	2/3/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	100	ug/L	NO
PGW025DU	UAZ	2/3/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW025DU	UAZ	2/3/2022	TRITIUM	0.702	1.56	U	0.64	MCL	20	pCi/mL	NO
PGW026B	**LAZ**	**2/3/2022**	**1,1-DICHLOROETHYLENE**	**6.66**	**20**	**UJ**	**20**	**MCL**	**7**	**ug/L**	**YES**
PGW026B	**LAZ**	**2/3/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**6.66**	**20**	**U**	**20**	**MCL**	**2**	**ug/L**	**YES**
PGW026B	LAZ	2/3/2022	CIS-1,2-DICHLOROETHYLENE	6.66	20	J	35.8	MCL	70	ug/L	NO
PGW026B	LAZ	2/3/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW026B	LAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW026B	**LAZ**	**2/3/2022**	**TETRACHLOROETHYLENE (PCE)**	**6.66**	**20**	**U**	**20**	**MCL**	**5**	**ug/L**	**YES**
PGW026B	LAZ	2/3/2022	TRANS-1,2-DICHLOROETHYLENE	6.66	20	UJ	20	MCL	100	ug/L	NO
PGW026B	**LAZ**	**2/3/2022**	**TRICHLOROETHYLENE (TCE)**	**6.66**	**20**		**1230**	**MCL**	**5**	**ug/L**	**YES**
PGW026B	LAZ	2/3/2022	TRITIUM	0.707	1.88		4.12	MCL	20	pCi/mL	NO
PGW026C	**LAZ**	**2/3/2022**	**1,1-DICHLOROETHYLENE**	**33.3**	**100**	**UJ**	**100**	**MCL**	**7**	**ug/L**	**YES**
PGW026C	**LAZ**	**2/3/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**33.3**	**100**	**U**	**100**	**MCL**	**2**	**ug/L**	**YES**
PGW026C	**LAZ**	**2/3/2022**	**CIS-1,2-DICHLOROETHYLENE**	**33.3**	**100**	**J**	**180**	**MCL**	**70**	**ug/L**	**YES**
PGW026C	LAZ	2/3/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW026C	LAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW026C	**LAZ**	**2/3/2022**	**TETRACHLOROETHYLENE (PCE)**	**33.3**	**100**	**U**	**100**	**MCL**	**5**	**ug/L**	**YES**
PGW026C	LAZ	2/3/2022	TRANS-1,2-DICHLOROETHYLENE	33.3	100	UJ	100	MCL	100	ug/L	NO
PGW026C	**LAZ**	**2/3/2022**	**TRICHLOROETHYLENE (TCE)**	**33.3**	**100**		**6820**	**MCL**	**5**	**ug/L**	**YES**
PGW026C	**LAZ**	**2/3/2022**	**TRITIUM**	**0.703**	**3.86**		**53.5**	**MCL**	**20**	**pCi/mL**	**YES**
PGW026DL	**UAZ**	**2/3/2022**	**1,1-DICHLOROETHYLENE**	**33.3**	**100**	**UJ**	**100**	**MCL**	**7**	**ug/L**	**YES**
PGW026DL	**UAZ**	**2/3/2022**	**1,1-DICHLOROETHYLENE**	**33.3**	**100**	**UJ**	**100**	**MCL**	**7**	**ug/L**	**YES**
PGW026DL	**UAZ**	**2/3/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**33.3**	**100**	**U**	**100**	**MCL**	**2**	**ug/L**	**YES**
PGW026DL	**UAZ**	**2/3/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**33.3**	**100**	**U**	**100**	**MCL**	**2**	**ug/L**	**YES**
PGW026DL	**UAZ**	**2/3/2022**	**CIS-1,2-DICHLOROETHYLENE**	**33.3**	**100**	**J**	**228**	**MCL**	**70**	**ug/L**	**YES**
PGW026DL	**UAZ**	**2/3/2022**	**CIS-1,2-DICHLOROETHYLENE**	**33.3**	**100**	**J**	**255**	**MCL**	**70**	**ug/L**	**YES**
PGW026DL	UAZ	2/3/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW026DL	UAZ	2/3/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW026DL	UAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW026DL	UAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW026DL	**UAZ**	**2/3/2022**	**TETRACHLOROETHYLENE (PCE)**	**33.3**	**100**	**U**	**100**	**MCL**	**5**	**ug/L**	**YES**
PGW026DL	**UAZ**	**2/3/2022**	**TETRACHLOROETHYLENE (PCE)**	**33.3**	**100**	**U**	**100**	**MCL**	**5**	**ug/L**	**YES**
PGW026DL	UAZ	2/3/2022	TRANS-1,2-DICHLOROETHYLENE	33.3	100	UJ	100	MCL	100	ug/L	NO
PGW026DL	UAZ	2/3/2022	TRANS-1,2-DICHLOROETHYLENE	33.3	100	UJ	100	MCL	100	ug/L	NO
PGW026DL	**UAZ**	**2/3/2022**	**TRICHLOROETHYLENE (TCE)**	**33.3**	**100**		**6540**	**MCL**	**5**	**ug/L**	**YES**
PGW026DL	**UAZ**	**2/3/2022**	**TRICHLOROETHYLENE (TCE)**	**33.3**	**100**		**7250**	**MCL**	**5**	**ug/L**	**YES**

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PGW026DL	**UAZ**	**2/3/2022**	**TRITIUM**	**0.709**	**4.87**		**94.1**	**MCL**	**20**	**pCi/mL**	**YES**
PGW026DL	**UAZ**	**2/3/2022**	**TRITIUM**	**0.704**	**4.86**		**94.7**	**MCL**	**20**	**pCi/mL**	**YES**
PGW027C	LAZ	2/4/2022	1,1-DICHLOROETHYLENE	1.33	4	UJ	4	MCL	7	ug/L	NO
PGW027C	**LAZ**	**2/4/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**1.33**	**4**	**UJ**	**4**	**MCL**	**2**	**ug/L**	**YES**
PGW027C	LAZ	2/4/2022	CIS-1,2-DICHLOROETHYLENE	1.33	4	J	16.7	MCL	70	ug/L	NO
PGW027C	LAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW027C	LAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW027C	LAZ	2/4/2022	TETRACHLOROETHYLENE (PCE)	1.33	4	UJ	4	MCL	5	ug/L	NO
PGW027C	LAZ	2/4/2022	TRANS-1,2-DICHLOROETHYLENE	1.33	4	UJ	4	MCL	100	ug/L	NO
PGW027C	**LAZ**	**2/4/2022**	**TRICHLOROETHYLENE (TCE)**	**1.33**	**4**	**J**	**143**	**MCL**	**5**	**ug/L**	**YES**
PGW027C	**LAZ**	**2/4/2022**	**TRITIUM**	**0.67**	**6.93**		**226**	**MCL**	**20**	**pCi/mL**	**YES**
PGW027DL	**LAZ**	**2/4/2022**	**1,1-DICHLOROETHYLENE**	**8.33**	**25**	**U**	**25**	**MCL**	**7**	**ug/L**	**YES**
PGW027DL	**LAZ**	**2/4/2022**	**1,1-DICHLOROETHYLENE**	**8.33**	**25**	**UJ**	**25**	**MCL**	**7**	**ug/L**	**YES**
PGW027DL	**LAZ**	**2/4/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**8.33**	**25**	**U**	**25**	**MCL**	**2**	**ug/L**	**YES**
PGW027DL	**LAZ**	**2/4/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**8.33**	**25**	**UJ**	**25**	**MCL**	**2**	**ug/L**	**YES**
PGW027DL	**LAZ**	**2/4/2022**	**CIS-1,2-DICHLOROETHYLENE**	**8.33**	**25**	**J**	**104**	**MCL**	**70**	**ug/L**	**YES**
PGW027DL	**LAZ**	**2/4/2022**	**CIS-1,2-DICHLOROETHYLENE**	**8.33**	**25**	**J**	**81.8**	**MCL**	**70**	**ug/L**	**YES**
PGW027DL	LAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW027DL	LAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW027DL	LAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW027DL	LAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW027DL	**LAZ**	**2/4/2022**	**TETRACHLOROETHYLENE (PCE)**	**8.33**	**25**	**UJ**	**25**	**MCL**	**5**	**ug/L**	**YES**
PGW027DL	**LAZ**	**2/4/2022**	**TETRACHLOROETHYLENE (PCE)**	**8.33**	**25**	**UJ**	**25**	**MCL**	**5**	**ug/L**	**YES**
PGW027DL	LAZ	2/4/2022	TRANS-1,2-DICHLOROETHYLENE	8.33	25	U	25	MCL	100	ug/L	NO
PGW027DL	LAZ	2/4/2022	TRANS-1,2-DICHLOROETHYLENE	8.33	25	UJ	25	MCL	100	ug/L	NO
PGW027DL	**LAZ**	**2/4/2022**	**TRICHLOROETHYLENE (TCE)**	**8.33**	**25**	**J**	**1910**	**MCL**	**5**	**ug/L**	**YES**
PGW027DL	**LAZ**	**2/4/2022**	**TRICHLOROETHYLENE (TCE)**	**8.33**	**25**	**J**	**1170**	**MCL**	**5**	**ug/L**	**YES**
PGW027DL	**LAZ**	**2/4/2022**	**TRITIUM**	**0.671**	**8.97**	**J**	**400**	**MCL**	**20**	**pCi/mL**	**YES**
PGW027DL	**LAZ**	**2/4/2022**	**TRITIUM**	**0.676**	**9.02**		**400**	**MCL**	**20**	**pCi/mL**	**YES**
PGW027DU	UAZ	2/4/2022	1,1-DICHLOROETHYLENE	1.67	5	U	5	MCL	7	ug/L	NO
PGW027DU	**UAZ**	**2/4/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**1.67**	**5**	**U**	**5**	**MCL**	**2**	**ug/L**	**YES**
PGW027DU	UAZ	2/4/2022	CIS-1,2-DICHLOROETHYLENE	1.67	5		23	MCL	70	ug/L	NO
PGW027DU	UAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW027DU	UAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW027DU	UAZ	2/4/2022	TETRACHLOROETHYLENE (PCE)	1.67	5	U	5	MCL	5	ug/L	NO
PGW027DU	UAZ	2/4/2022	TRANS-1,2-DICHLOROETHYLENE	1.67	5	U	5	MCL	100	ug/L	NO
PGW027DU	**UAZ**	**2/4/2022**	**TRICHLOROETHYLENE (TCE)**	**1.67**	**5**		**422**	**MCL**	**5**	**ug/L**	**YES**
PGW027DU	**UAZ**	**2/4/2022**	**TRITIUM**	**0.669**	**6.47**		**194**	**MCL**	**20**	**pCi/mL**	**YES**
PGW028C	LAZ	2/4/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW028C	LAZ	2/4/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW028C	LAZ	2/4/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW028C	LAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW028C	LAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW028C	LAZ	2/4/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW028C	LAZ	2/4/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW028C	LAZ	2/4/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW028C	LAZ	2/4/2022	TRITIUM	0.671	1.97		6.42	MCL	20	pCi/mL	NO
PGW028DU	UAZ	2/4/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW028DU	UAZ	2/4/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW028DU	UAZ	2/4/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW028DU	UAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW028DU	UAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW028DU	UAZ	2/4/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW028DU	UAZ	2/4/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW028DU	UAZ	2/4/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW028DU	**UAZ**	**2/4/2022**	**TRITIUM**	**0.674**	**9.29**		**428**	**MCL**	**20**	**pCi/mL**	**YES**
PGW029C	LAZ	2/4/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW029C	LAZ	2/4/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW029C	LAZ	2/4/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW029C	LAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW029C	LAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PGW029C	LAZ	2/4/2022	TETRACHLOROETHYLENE (PCE)	0.333	1		1.04	MCL	5	ug/L	NO
PGW029C	LAZ	2/4/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW029C	**LAZ**	**2/4/2022**	**TRICHLOROETHYLENE (TCE)**	**0.333**	**1**		**38.4**	**MCL**	**5**	**ug/L**	**YES**
PGW029C	LAZ	2/4/2022	TRITIUM	0.671	1.41	U	-0.15	MCL	20	pCi/mL	NO
PGW029DL	UAZ	2/4/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW029DL	UAZ	2/4/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW029DL	UAZ	2/4/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW029DL	UAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW029DL	UAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW029DL	**UAZ**	**2/4/2022**	**TETRACHLOROETHYLENE (PCE)**	**0.333**	**1**		**5.19**	**MCL**	**5**	**ug/L**	**YES**
PGW029DL	UAZ	2/4/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW029DL	UAZ	2/4/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW029DL	UAZ	2/4/2022	TRITIUM	0.668	1.46	U	0.367	MCL	20	pCi/mL	NO
PGW030B	LAZ	2/3/2022	1,1-DICHLOROETHYLENE	0.666	2	UJ	2	MCL	7	ug/L	NO
PGW030B	LAZ	2/3/2022	CHLOROETHENE (VINYL CHLORIDE)	0.666	2	U	2	MCL	2	ug/L	NO
PGW030B	LAZ	2/3/2022	CIS-1,2-DICHLOROETHYLENE	0.666	2	J	54.5	MCL	70	ug/L	NO
PGW030B	LAZ	2/3/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW030B	LAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW030B	LAZ	2/3/2022	TETRACHLOROETHYLENE (PCE)	0.666	2	U	3.36	MCL	5	ug/L	NO
PGW030B	LAZ	2/3/2022	TRANS-1,2-DICHLOROETHYLENE	0.666	2	J	1.76	MCL	100	ug/L	NO
PGW030B	**LAZ**	**2/3/2022**	**TRICHLOROETHYLENE (TCE)**	**33.3**	**100**		**3660**	**MCL**	**5**	**ug/L**	**YES**
PGW030B	LAZ	2/3/2022	TRITIUM	0.7	1.84		3.79	MCL	20	pCi/mL	NO
PGW030BL	LAZ	2/3/2022	1,1-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	7	ug/L	NO
PGW030BL	LAZ	2/3/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW030BL	LAZ	2/3/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	70	ug/L	NO
PGW030BL	LAZ	2/3/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW030BL	LAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW030BL	LAZ	2/3/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW030BL	LAZ	2/3/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	100	ug/L	NO
PGW030BL	LAZ	2/3/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW030BL	LAZ	2/3/2022	TRITIUM	0.7	1.5	U	0.0946	MCL	20	pCi/mL	NO
PGW031B	LAZ	2/4/2022	1,1-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	7	ug/L	NO
PGW031B	LAZ	2/4/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	UJ	1	MCL	2	ug/L	NO
PGW031B	LAZ	2/4/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	J	0.64	MCL	70	ug/L	NO
PGW031B	LAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW031B	LAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW031B	LAZ	2/4/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	UJ	1	MCL	5	ug/L	NO
PGW031B	LAZ	2/4/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	100	ug/L	NO
PGW031B	**LAZ**	**2/4/2022**	**TRICHLOROETHYLENE (TCE)**	**0.333**	**1**	**J**	**37.5**	**MCL**	**5**	**ug/L**	**YES**
PGW031B	LAZ	2/4/2022	TRITIUM	0.672	1.65		2.24	MCL	20	pCi/mL	NO
PGW031C	**LAZ**	**2/4/2022**	**1,1-DICHLOROETHYLENE**	**3.33**	**10**	**UJ**	**10**	**MCL**	**7**	**ug/L**	**YES**
PGW031C	**LAZ**	**2/4/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**3.33**	**10**	**UJ**	**10**	**MCL**	**2**	**ug/L**	**YES**
PGW031C	LAZ	2/4/2022	CIS-1,2-DICHLOROETHYLENE	3.33	10	J	7.7	MCL	70	ug/L	NO
PGW031C	LAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW031C	LAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW031C	**LAZ**	**2/4/2022**	**TETRACHLOROETHYLENE (PCE)**	**3.33**	**10**	**UJ**	**10**	**MCL**	**5**	**ug/L**	**YES**
PGW031C	LAZ	2/4/2022	TRANS-1,2-DICHLOROETHYLENE	3.33	10	UJ	10	MCL	100	ug/L	NO
PGW031C	**LAZ**	**2/4/2022**	**TRICHLOROETHYLENE (TCE)**	**3.33**	**10**	**J**	**430**	**MCL**	**5**	**ug/L**	**YES**
PGW031C	LAZ	2/4/2022	TRITIUM	0.674	2.33		12.5	MCL	20	pCi/mL	NO
PGW033A	GAU	2/14/2022	TRITIUM		814	U	-641	MCL	20	pCi/L	NO
PGW033A	GAU	2/14/2022	TRITIUM	0.678	1.38	U	-0.0316	MCL	20	pCi/mL	NO
PGW034DL	UAZ	2/14/2022	1,1-DICHLOROETHYLENE	0.5	1	U	0.5	MCL	7	ug/L	NO
PGW034DL	UAZ	2/14/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW034DL	UAZ	2/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.5	1	U	0.5	MCL	2	ug/L	NO
PGW034DL	UAZ	2/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW034DL	UAZ	2/14/2022	CIS-1,2-DICHLOROETHYLENE	0.5	1	U	0.5	MCL	70	ug/L	NO
PGW034DL	UAZ	2/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	70	ug/L	NO
PGW034DL	UAZ	2/14/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW034DL	UAZ	2/14/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW034DL	**UAZ**	**2/14/2022**	**TETRACHLOROETHYLENE (PCE)**	**6**	**12**		**56.2**	**MCL**	**5**	**ug/L**	**YES**
PGW034DL	**UAZ**	**2/14/2022**	**TETRACHLOROETHYLENE (PCE)**	**0.333**	**1**	**J**	**33.8**	**MCL**	**5**	**ug/L**	**YES**

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PGW034DL	UAZ	2/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.5	1	U	0.5	MCL	100	ug/L	NO
PGW034DL	UAZ	2/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW034DL	UAZ	2/14/2022	TRICHLOROETHYLENE (TCE)	0.5	1	U	0.342	MCL	5	ug/L	NO
PGW034DL	UAZ	2/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1	UJ	1	MCL	5	ug/L	NO
PGW034DL	**UAZ**	**2/14/2022**	**TRITIUM**		**872**	**J**	**745**	**MCL**	**20**	**pCi/L**	**YES**
PGW034DL	UAZ	2/14/2022	TRITIUM	0.682	1.77	J	1.65	MCL	20	pCi/mL	NO
PGW035C	**LAZ**	**2/4/2022**	**1,1-DICHLOROETHYLENE**	**16.7**	**50**	**U**	**50**	**MCL**	**7**	**ug/L**	**YES**
PGW035C	**LAZ**	**2/4/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**16.7**	**50**	**U**	**50**	**MCL**	**2**	**ug/L**	**YES**
PGW035C	**LAZ**	**2/4/2022**	**CIS-1,2-DICHLOROETHYLENE**	**16.7**	**50**		**113**	**MCL**	**70**	**ug/L**	**YES**
PGW035C	LAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW035C	LAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW035C	**LAZ**	**2/4/2022**	**TETRACHLOROETHYLENE (PCE)**	**16.7**	**50**	**U**	**50**	**MCL**	**5**	**ug/L**	**YES**
PGW035C	LAZ	2/4/2022	TRANS-1,2-DICHLOROETHYLENE	16.7	50	U	50	MCL	100	ug/L	NO
PGW035C	**LAZ**	**2/4/2022**	**TRICHLOROETHYLENE (TCE)**	**66.6**	**200**		**4390**	**MCL**	**5**	**ug/L**	**YES**
PGW035C	**LAZ**	**2/4/2022**	**TRITIUM**	**0.672**	**5.53**		**134**	**MCL**	**20**	**pCi/mL**	**YES**
PGW035CU	LAZ	8/29/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW035CU	LAZ	8/29/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW035CU	LAZ	8/29/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PGW035CU	LAZ	8/29/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW035CU	LAZ	8/29/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW035CU	LAZ	8/29/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW035CU	LAZ	8/29/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW035CU	LAZ	8/29/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW035CU	LAZ	8/29/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW035CU	LAZ	8/29/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PGW035CU	LAZ	8/29/2022	TRITIUM	0.689	2.04		4.07	MCL	20	pCi/mL	NO
PGW035CU	LAZ	8/29/2022	TRITIUM	0.672	1.99		3.98	MCL	20	pCi/mL	NO
PGW035D	UAZ	2/4/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PGW035D	UAZ	2/4/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PGW035D	UAZ	2/4/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	J	0.91	MCL	70	ug/L	NO
PGW035D	UAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW035D	UAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PGW035D	UAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW035D	UAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PGW035D	UAZ	2/4/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	J	0.38	MCL	5	ug/L	NO
PGW035D	UAZ	2/4/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PGW035D	**UAZ**	**2/4/2022**	**TRICHLOROETHYLENE (TCE)**	**0.333**	**1**		**20.8**	**MCL**	**5**	**ug/L**	**YES**
PGW035D	UAZ	2/4/2022	TRITIUM	0.676	2.07		7.9	MCL	20	pCi/mL	NO
PGW035D	UAZ	2/4/2022	TRITIUM	0.666	2.04		7.77	MCL	20	pCi/mL	NO
PGW-03A	GAU	1/31/2022	TRITIUM	0.856	1.74	U	-1.01	MCL	20	pCi/mL	NO
PMP004DL	**UAZ**	**2/3/2022**	**1,1-DICHLOROETHYLENE**	**8.33**	**25**	**UJ**	**25**	**MCL**	**7**	**ug/L**	**YES**
PMP004DL	UAZ	2/3/2022	CHLORIDE	0.067	0.2		3.57	-	-	mg/L	NO
PMP004DL	**UAZ**	**2/3/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**8.33**	**25**	**U**	**25**	**MCL**	**2**	**ug/L**	**YES**
PMP004DL	**UAZ**	**2/3/2022**	**CIS-1,2-DICHLOROETHYLENE**	**8.33**	**25**	**J**	**292**	**MCL**	**70**	**ug/L**	**YES**
PMP004DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.552	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.505	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.501	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.499	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.499	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.492	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PMP004DL	UAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PMP004DL	UAZ	2/3/2022	FERRIC IRON	0.1	0.1	U	0.1	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	FERROUS IRON	0.05	0.05		0.085	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	IRON	0.04	0.1	R	0.1	RSL	14000	mg/L	NO
PMP004DL	UAZ	2/3/2022	NITRATE	0.033	0.1		1.9	MCL	10	mg/L	NO
PMP004DL	UAZ	2/3/2022	NITRATE	0.033	0.1		1.9	MCL	10	mg/L	NO
PMP004DL	UAZ	2/3/2022	SULFATE	0.133	0.4		0.61	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	SULFATE	0.133	0.4		0.543	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	SULFIDE	0.033	0.1	U	0.1	-	-	mg/L	NO
PMP004DL	**UAZ**	**2/3/2022**	**TETRACHLOROETHYLENE (PCE)**	**8.33**	**25**	**U**	**25**	**MCL**	**5**	**ug/L**	**YES**

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PMP004DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	1.65	5		24.5	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	1.65	5		24.4	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	1.65	5		24	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	1.65	5		24	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	1.65	5		23.3	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1		1.53	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1		1.53	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1		1.48	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1		1.46	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1		1.39	-	-	mg/L	NO
PMP004DL	UAZ	2/3/2022	TOTAL PHOSPHATES (AS P)	0.02	0.05	J	0.0253	RSL	400	mg/L	NO
PMP004DL	UAZ	2/3/2022	TRANS-1,2-DICHLOROETHYLENE	8.33	25	UJ	25	MCL	100	ug/L	NO
PMP004DL	**UAZ**	**2/3/2022**	**TRICHLOROETHYLENE (TCE)**	**16.7**	**50**		**2480**	**MCL**	**5**	**ug/L**	**YES**
PMP004DL	**UAZ**	**2/3/2022**	**TRITIUM**	**0.701**	**5.04**		**104**	**MCL**	**20**	**pCi/mL**	**YES**
PMP007DL	UAZ	2/3/2022	1,1-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	7	ug/L	NO
PMP007DL	UAZ	2/3/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1		1.76	MCL	2	ug/L	NO
PMP007DL	UAZ	2/3/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	J	46.5	MCL	70	ug/L	NO
PMP007DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.64	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.62	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.6	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.59	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.56	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PMP007DL	UAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PMP007DL	UAZ	2/3/2022	FERRIC IRON	0.1	0.1		0.3	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	FERROUS IRON	0.05	0.05	U	0.05	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	IRON	0.04	0.1	J	0.34	RSL	14000	mg/L	NO
PMP007DL	UAZ	2/3/2022	NITRATE	0.033	0.1		2.47	MCL	10	mg/L	NO
PMP007DL	UAZ	2/3/2022	SULFATE	0.133	0.4		0.471	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	SULFIDE	0.033	0.1	U	0.1	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	2.76	MCL	5	ug/L	NO
PMP007DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.66	2		24	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.66	2		23.3	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.66	2		23.2	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.66	2		23.1	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.66	2		22.2	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.73	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.721	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.703	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.693	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.619	-	-	mg/L	NO
PMP007DL	UAZ	2/3/2022	TOTAL PHOSPHATES (AS P)	0.02	0.05	U	0.05	RSL	400	mg/L	NO
PMP007DL	UAZ	2/3/2022	TOTAL PHOSPHATES (AS P)	0.02	0.05	J	0.0236	RSL	400	mg/L	NO
PMP007DL	UAZ	2/3/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	100	ug/L	NO
PMP007DL	**UAZ**	**2/3/2022**	**TRICHLOROETHYLENE (TCE)**	**0.333**	**1**		**28.1**	**MCL**	**5**	**ug/L**	**YES**
PMP007DL	UAZ	2/3/2022	TRITIUM	0.706	1.72		2.17	MCL	20	pCi/mL	NO
PMP008DL	UAZ	2/3/2022	1,1-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	7	ug/L	NO
PMP008DL	UAZ	2/3/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	J	0.66	MCL	2	ug/L	NO
PMP008DL	UAZ	2/3/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	J	47.8	MCL	70	ug/L	NO
PMP008DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.68	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.67	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.66	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.65	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.61	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PMP008DL	UAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PMP008DL	UAZ	2/3/2022	FERRIC IRON	0.1	0.1		3.7	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	FERROUS IRON	0.05	0.05	U	0.05	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	IRON	0.04	0.1	J	3.7	RSL	14000	mg/L	NO
PMP008DL	UAZ	2/3/2022	NITRATE	0.033	0.1		1.93	MCL	10	mg/L	NO
PMP008DL	UAZ	2/3/2022	SULFATE	0.133	0.4	J	0.39	-	-	mg/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PMP008DL	UAZ	2/3/2022	SULFIDE	0.033	0.1	U	0.1	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	4.12	MCL	5	ug/L	NO
PMP008DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.66	2		15.4	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.66	2		13.9	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.66	2		13.3	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.66	2		12.4	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.66	2		11.5	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.66	2		2.86	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.66	2	J	1.64	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.66	2	J	1.54	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.66	2	J	1.17	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.66	2	J	1.01	-	-	mg/L	NO
PMP008DL	UAZ	2/3/2022	TOTAL PHOSPHATES (AS P)	0.02	0.05		0.21	RSL	400	mg/L	NO
PMP008DL	UAZ	2/3/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	100	ug/L	NO
PMP008DL	**UAZ**	**2/3/2022**	**TRICHLOROETHYLENE (TCE)**	**0.666**	**2**		**107**	**MCL**	**5**	**ug/L**	**YES**
PMP008DL	UAZ	2/3/2022	TRITIUM	0.698	1.84		3.89	MCL	20	pCi/mL	NO
PMW001DL	UAZ	2/3/2022	1,1-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	7	ug/L	NO
PMW001DL	UAZ	2/3/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PMW001DL	UAZ	2/3/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	70	ug/L	NO
PMW001DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.22	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.21	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.21	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.21	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.19	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PMW001DL	UAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PMW001DL	UAZ	2/3/2022	FERRIC IRON	0.1	0.1		0.31	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	FERROUS IRON	0.05	0.05	U	0.05	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	IRON	0.04	0.1	J	0.31	RSL	14000	mg/L	NO
PMW001DL	UAZ	2/3/2022	NITRATE	0.033	0.1		2.31	MCL	10	mg/L	NO
PMW001DL	UAZ	2/3/2022	SULFATE	0.133	0.4	J	0.397	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	SULFIDE	0.033	0.1	U	0.1	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PMW001DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.33	1		16.5	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.33	1		16.5	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.33	1		16.5	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.33	1		16.4	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.33	1		16.2	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.481	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.479	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.479	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.475	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.459	-	-	mg/L	NO
PMW001DL	UAZ	2/3/2022	TOTAL PHOSPHATES (AS P)	0.02	0.05	U	0.05	RSL	400	mg/L	NO
PMW001DL	UAZ	2/3/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	100	ug/L	NO
PMW001DL	**UAZ**	**2/3/2022**	**TRICHLOROETHYLENE (TCE)**	**0.333**	**1**		**10.9**	**MCL**	**5**	**ug/L**	**YES**
PMW001DL	UAZ	2/3/2022	TRITIUM	0.704	1.66	J	1.56	MCL	20	pCi/mL	NO
PMW005DL	UAZ	2/3/2022	1,1-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	7	ug/L	NO
PMW005DL	UAZ	2/3/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	J	0.48	MCL	2	ug/L	NO
PMW005DL	UAZ	2/3/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	J	0.38	MCL	70	ug/L	NO
PMW005DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	16.5	50		284	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	16.5	50		281	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	16.5	50		276	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	16.5	50		276	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	16.5	50		262	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	ETHANE	10	25	J	10.4	-	-	ug/L	NO
PMW005DL	UAZ	2/3/2022	ETHANE	10	25	J	10.1	-	-	ug/L	NO
PMW005DL	UAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PMW005DL	UAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PMW005DL	UAZ	2/3/2022	FERRIC IRON	0.1	0.1	U	0.1	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	FERROUS IRON	0.1	0.1		3.3	-	-	mg/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PMW005DL	UAZ	2/3/2022	IRON	0.04	0.1	R	0.1	RSL	14000	mg/L	NO
PMW005DL	UAZ	2/3/2022	NITRATE	0.66	2	U	2	MCL	10	mg/L	NO
PMW005DL	UAZ	2/3/2022	SULFATE	0.665	2		2.44	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	SULFIDE	0.033	0.1	U	0.1	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PMW005DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	16.5	50		980	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	16.5	50		977	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	16.5	50		965	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	16.5	50		951	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	TOTAL INORGANIC CARBON	16.5	50		950	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	16.5	50		288	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	16.5	50		285	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	16.5	50		281	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	16.5	50		280	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	TOTAL ORGANIC CARBON	16.5	50		268	-	-	mg/L	NO
PMW005DL	UAZ	2/3/2022	TOTAL PHOSPHATES (AS P)	0.1	0.25		4.67	RSL	400	mg/L	NO
PMW005DL	UAZ	2/3/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	100	ug/L	NO
PMW005DL	UAZ	2/3/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PMW005DL	**UAZ**	**2/3/2022**	**TRITIUM**	**0.729**	**8.61**		**336**	**MCL**	**20**	**pCi/mL**	**YES**
PMW005DL	**UAZ**	**2/3/2022**	**TRITIUM**	**0.737**	**8.6**		**332**	**MCL**	**20**	**pCi/mL**	**YES**
PRB001DU	UAZ	2/4/2022	TRITIUM	0.848	2.07		2.66	MCL	20	pCi/mL	NO
PRB002DU	UAZ	2/4/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PRB002DU	UAZ	2/4/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PRB002DU	UAZ	2/4/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	J	0.35	MCL	70	ug/L	NO
PRB002DU	UAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PRB002DU	UAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PRB002DU	UAZ	2/4/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PRB002DU	UAZ	2/4/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PRB002DU	UAZ	2/4/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PRB002DU	UAZ	2/4/2022	TRITIUM	0.671	2.08		8.21	MCL	20	pCi/mL	NO
PRB003C	LAZ	2/3/2022	1,1-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	7	ug/L	NO
PRB003C	LAZ	2/3/2022	ALUMINUM	68	200		507	RSL	20000	ug/L	NO
PRB003C	**LAZ**	**2/3/2022**	**ANTIMONY**	**3.5**	**20**	**U**	**20**	**MCL**	**6**	**ug/L**	**YES**
PRB003C	**LAZ**	**2/3/2022**	**ARSENIC**	**5**	**30**	**U**	**30**	**MCL**	**10**	**ug/L**	**YES**
PRB003C	LAZ	2/3/2022	BARIUM	1	5		6.12	MCL	2000	ug/L	NO
PRB003C	**LAZ**	**2/3/2022**	**BERYLLIUM**	**1**	**5**	**U**	**5**	**MCL**	**4**	**ug/L**	**YES**
PRB003C	LAZ	2/3/2022	CADMIUM	1	5	U	5	MCL	5	ug/L	NO
PRB003C	LAZ	2/3/2022	CALCIUM	50	200		603	-	-	ug/L	NO
PRB003C	LAZ	2/3/2022	CHLORIDE	0.067	0.2		1.91	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PRB003C	LAZ	2/3/2022	CHROMIUM	1	10	U	10	MCL	100	ug/L	NO
PRB003C	LAZ	2/3/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	70	ug/L	NO
PRB003C	LAZ	2/3/2022	COBALT	1	5	U	5	RSL	6	ug/L	NO
PRB003C	LAZ	2/3/2022	COPPER	3	20	U	20	MCL	1300	ug/L	NO
PRB003C	LAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.24	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.22	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.21	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.19	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1		1.17	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PRB003C	LAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PRB003C	LAZ	2/3/2022	FERRIC IRON	0.1	0.1	U	0.1	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	FERROUS IRON	0.05	0.05		0.12	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	GROSS ALPHA	0.344	1.1		1.98	MCL	15	pCi/L	NO
PRB003C	LAZ	2/3/2022	IRON	30	100		216	RSL	14000	ug/L	NO
PRB003C	LAZ	2/3/2022	IRON	0.04	0.1	R	0.1	RSL	14000	mg/L	NO
PRB003C	**LAZ**	**2/3/2022**	**LEAD**	**3.3**	**20**	**U**	**20**	**MCL**	**15**	**ug/L**	**YES**
PRB003C	LAZ	2/3/2022	MAGNESIUM	110	300	J	227	-	-	ug/L	NO
PRB003C	LAZ	2/3/2022	MANGANESE	2	10	J	5.98	RSL	430	ug/L	NO
PRB003C	LAZ	2/3/2022	MERCURY	0.067	0.2	U	0.2	MCL	2	ug/L	NO
PRB003C	LAZ	2/3/2022	NICKEL	1.5	5	U	5	RSL	390	ug/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PRB003C	LAZ	2/3/2022	NITRATE	0.033	0.1		1.22	MCL	10	mg/L	NO
PRB003C	LAZ	2/3/2022	NONVOLATILE BETA	0.446	1.04	J	0.937	MCL	50	pCi/L	NO
PRB003C	LAZ	2/3/2022	POTASSIUM	50	150	J	133	-	-	ug/L	NO
PRB003C	LAZ	2/3/2022	SELENIUM	6	30	J	7.83	MCL	50	ug/L	NO
PRB003C	LAZ	2/3/2022	SILVER	1	5	J	1.44	RSL	94	ug/L	NO
PRB003C	LAZ	2/3/2022	SODIUM	100	300		5330	-	-	ug/L	NO
PRB003C	LAZ	2/3/2022	STRONTIUM-90	7.45	15.8	U	1.84	MCL	8	pCi/L	NO
PRB003C	LAZ	2/3/2022	SULFATE	0.133	0.4		1.93	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	SULFIDE	0.033	0.1	U	0.1	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PRB003C	**LAZ**	**2/3/2022**	**THALLIUM**	**5**	**20**	**U**	**20**	**MCL**	**2**	**ug/L**	**YES**
PRB003C	LAZ	2/3/2022	TOTAL INORGANIC CARBON	0.33	1		12.4	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	TOTAL INORGANIC CARBON	0.33	1		12.3	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	TOTAL INORGANIC CARBON	0.33	1		12.3	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	TOTAL INORGANIC CARBON	0.33	1		12.3	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	TOTAL INORGANIC CARBON	0.33	1		12	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.409	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.407	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.405	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.403	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.4	-	-	mg/L	NO
PRB003C	LAZ	2/3/2022	TOTAL PHOSPHATES (AS P)	0.02	0.05	U	0.05	RSL	400	mg/L	NO
PRB003C	LAZ	2/3/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	100	ug/L	NO
PRB003C	LAZ	2/3/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PRB003C	LAZ	2/3/2022	TRITIUM	0.701	1.7		2.1	MCL	20	pCi/mL	NO
PRB003C	LAZ	2/3/2022	URANIUM	0.067	0.2	J	0.166	MCL	30	ug/L	NO
PRB003C	LAZ	2/3/2022	VANADIUM	1	5	U	5	RSL	86	ug/L	NO
PRB003C	LAZ	2/3/2022	ZINC	3.3	20	J	3.47	RSL	6000	ug/L	NO
PRB003DU	UAZ	2/3/2022	1,1-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	7	ug/L	NO
PRB003DU	UAZ	2/3/2022	ALUMINUM	68	200	U	200	RSL	20000	ug/L	NO
PRB003DU	**UAZ**	**2/3/2022**	**ANTIMONY**	**3.5**	**20**	**U**	**20**	**MCL**	**6**	**ug/L**	**YES**
PRB003DU	**UAZ**	**2/3/2022**	**ARSENIC**	**5**	**30**	**U**	**30**	**MCL**	**10**	**ug/L**	**YES**
PRB003DU	UAZ	2/3/2022	BARIUM	1	5		5.94	MCL	2000	ug/L	NO
PRB003DU	**UAZ**	**2/3/2022**	**BERYLLIUM**	**1**	**5**	**U**	**5**	**MCL**	**4**	**ug/L**	**YES**
PRB003DU	UAZ	2/3/2022	CADMIUM	1	5	U	5	MCL	5	ug/L	NO
PRB003DU	UAZ	2/3/2022	CALCIUM	50	200	J	75.1	-	-	ug/L	NO
PRB003DU	UAZ	2/3/2022	CHLORIDE	0.067	0.2		2.35	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PRB003DU	UAZ	2/3/2022	CHROMIUM	1	10	U	10	MCL	100	ug/L	NO
PRB003DU	UAZ	2/3/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	70	ug/L	NO
PRB003DU	UAZ	2/3/2022	COBALT	1	5	U	5	RSL	6	ug/L	NO
PRB003DU	UAZ	2/3/2022	COPPER	3	20	U	20	MCL	1300	ug/L	NO
PRB003DU	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1.11	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1.07	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1.06	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1.05	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1	U	1.04	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	DISSOLVED ORGANIC CARBON	0.33	1	J	0.979	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PRB003DU	UAZ	2/3/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PRB003DU	UAZ	2/3/2022	FERRIC IRON	0.1	0.1		19	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	FERROUS IRON	0.05	0.05	U	0.05	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	GROSS ALPHA	0.326	0.778	J	0.432	MCL	15	pCi/L	NO
PRB003DU	UAZ	2/3/2022	IRON	30	100	U	100	RSL	14000	ug/L	NO
PRB003DU	UAZ	2/3/2022	IRON	0.04	0.1	J	19	RSL	14000	mg/L	NO
PRB003DU	**UAZ**	**2/3/2022**	**LEAD**	**3.3**	**20**	**U**	**20**	**MCL**	**15**	**ug/L**	**YES**
PRB003DU	UAZ	2/3/2022	MAGNESIUM	110	300	J	123	-	-	ug/L	NO
PRB003DU	UAZ	2/3/2022	MANGANESE	2	10	U	10	RSL	430	ug/L	NO
PRB003DU	UAZ	2/3/2022	MERCURY	0.067	0.2	U	0.2	MCL	2	ug/L	NO
PRB003DU	UAZ	2/3/2022	NICKEL	1.5	5	U	5	RSL	390	ug/L	NO
PRB003DU	UAZ	2/3/2022	NITRATE	0.033	0.1		0.74	MCL	10	mg/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PRB003DU	UAZ	2/3/2022	NONVOLATILE BETA	0.75	1.65	U	0.485	MCL	50	pCi/L	NO
PRB003DU	UAZ	2/3/2022	POTASSIUM	50	150		169	-	-	ug/L	NO
PRB003DU	UAZ	2/3/2022	SELENIUM	6	30	U	30	MCL	50	ug/L	NO
PRB003DU	UAZ	2/3/2022	SILVER	1	5	U	5	RSL	94	ug/L	NO
PRB003DU	UAZ	2/3/2022	SODIUM	100	300		7610	-	-	ug/L	NO
PRB003DU	UAZ	2/3/2022	STRONTIUM-90	5.39	10.5	U	-3.16	MCL	8	pCi/L	NO
PRB003DU	UAZ	2/3/2022	STRONTIUM-90	5.03	8.87	U	-3.29	MCL	8	pCi/L	NO
PRB003DU	UAZ	2/3/2022	SULFATE	0.133	0.4		6.47	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	SULFIDE	0.033	0.1	U	0.1	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PRB003DU	**UAZ**	**2/3/2022**	**THALLIUM**	**5**	**20**	**U**	**20**	**MCL**	**2**	**ug/L**	**YES**
PRB003DU	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.33	1		20	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.33	1		19.8	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.33	1		19.6	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.33	1		19.6	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.33	1		19.6	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	TOTAL INORGANIC CARBON	0.33	1		19.2	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	U	0.668	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	U	0.653	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	U	0.648	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	U	0.645	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	U	0.627	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	TOTAL ORGANIC CARBON	0.33	1	J	0.581	-	-	mg/L	NO
PRB003DU	UAZ	2/3/2022	TOTAL PHOSPHATES (AS P)	0.02	0.05	U	0.05	RSL	400	mg/L	NO
PRB003DU	UAZ	2/3/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	100	ug/L	NO
PRB003DU	UAZ	2/3/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PRB003DU	UAZ	2/3/2022	TRITIUM	0.706	1.51	U	0.00362	MCL	20	pCi/mL	NO
PRB003DU	UAZ	2/3/2022	URANIUM	0.067	0.2	U	0.2	MCL	30	ug/L	NO
PRB003DU	UAZ	2/3/2022	VANADIUM	1	5	U	5	RSL	86	ug/L	NO
PRB003DU	UAZ	2/3/2022	ZINC	3.3	20	U	20	RSL	6000	ug/L	NO
PRB004DU	UAZ	2/4/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PRB004DU	UAZ	2/4/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PRB004DU	UAZ	2/4/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	J	0.43	MCL	70	ug/L	NO
PRB004DU	UAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PRB004DU	UAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PRB004DU	UAZ	2/4/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PRB004DU	UAZ	2/4/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PRB004DU	UAZ	2/4/2022	TRICHLOROETHYLENE (TCE)	0.333	1	J	0.89	MCL	5	ug/L	NO
PRB004DU	UAZ	2/4/2022	TRITIUM	0.554	1.2	U	0.171	MCL	20	pCi/mL	NO
PRB005C	**LAZ**	**2/4/2022**	**1,1-DICHLOROETHYLENE**	**8.33**	**25**	**U**	**25**	**MCL**	**7**	**ug/L**	**YES**
PRB005C	**LAZ**	**2/4/2022**	**CHLOROETHENE (VINYL CHLORIDE)**	**8.33**	**25**	**U**	**25**	**MCL**	**2**	**ug/L**	**YES**
PRB005C	LAZ	2/4/2022	CIS-1,2-DICHLOROETHYLENE	8.33	25	J	19.5	MCL	70	ug/L	NO
PRB005C	LAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PRB005C	LAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PRB005C	**LAZ**	**2/4/2022**	**TETRACHLOROETHYLENE (PCE)**	**8.33**	**25**	**U**	**25**	**MCL**	**5**	**ug/L**	**YES**
PRB005C	LAZ	2/4/2022	TRANS-1,2-DICHLOROETHYLENE	8.33	25	U	25	MCL	100	ug/L	NO
PRB005C	**LAZ**	**2/4/2022**	**TRICHLOROETHYLENE (TCE)**	**8.33**	**25**		**1750**	**MCL**	**5**	**ug/L**	**YES**
PRB005C	**LAZ**	**2/4/2022**	**TRITIUM**	**0.67**	**3.17**		**33.3**	**MCL**	**20**	**pCi/mL**	**YES**
PRB005DU	UAZ	2/4/2022	1,1-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	7	ug/L	NO
PRB005DU	UAZ	2/4/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	UJ	1	MCL	2	ug/L	NO
PRB005DU	UAZ	2/4/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	70	ug/L	NO
PRB005DU	UAZ	2/4/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PRB005DU	UAZ	2/4/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PRB005DU	UAZ	2/4/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	UJ	1	MCL	5	ug/L	NO
PRB005DU	UAZ	2/4/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	UJ	1	MCL	100	ug/L	NO
PRB005DU	UAZ	2/4/2022	TRICHLOROETHYLENE (TCE)	0.333	1	J	2.88	MCL	5	ug/L	NO
PRB005DU	UAZ	2/4/2022	TRITIUM	0.682	1.5	U	0.449	MCL	20	pCi/mL	NO
PSB 1A	UAZ	2/4/2022	GROSS ALPHA	0.604	1.44	J	1.22	MCL	15	pCi/L	NO
PSB 1A	UAZ	2/4/2022	NONVOLATILE BETA	0.836	2.35		14.3	MCL	50	pCi/L	NO
PSB 1A	UAZ	2/4/2022	STRONTIUM-90	7.46	16.3	U	3.74	MCL	8	pCi/L	NO
PSB 1A	UAZ	2/4/2022	TRITIUM	0.675	1.96		6.18	MCL	20	pCi/mL	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PSB 2A	UAZ	2/9/2022	GROSS ALPHA	0.837	1.98	U	0.707	MCL	15	pCi/L	NO
PSB 2A	UAZ	2/9/2022	NONVOLATILE BETA	0.97	2.4	J	1.81	MCL	50	pCi/L	NO
PSB 2A	**UAZ**	**2/9/2022**	**TRITIUM**	**0.509**	**2.73**		**27.8**	**MCL**	**20**	**pCi/mL**	**YES**
PSB 3A	UAZ	2/8/2022	GROSS ALPHA	0.635	2.41		3.73	MCL	15	pCi/L	NO
PSB 3A	UAZ	2/8/2022	NONVOLATILE BETA	0.963	2.44		2.51	MCL	50	pCi/L	NO
PSB 3A	UAZ	2/8/2022	TRITIUM	0.51	1.84		8.83	MCL	20	pCi/mL	NO
PSB 4A	UAZ	2/9/2022	GROSS ALPHA	0.8	2.61	J	2.4	MCL	15	pCi/L	NO
PSB 4A	UAZ	2/9/2022	NONVOLATILE BETA	0.973	2.55	J	2.31	MCL	50	pCi/L	NO
PSB 4A	UAZ	2/9/2022	TRITIUM	0.512	2.37		18.9	MCL	20	pCi/mL	NO
PSB 7A	UAZ	2/9/2022	GROSS ALPHA	0.988	2.2	U	0.588	MCL	15	pCi/L	NO
PSB 7A	UAZ	2/9/2022	NONVOLATILE BETA	0.856	1.91	U	0.616	MCL	50	pCi/L	NO
PSB 7A	UAZ	2/9/2022	TRITIUM	0.515	1.73		6.89	MCL	20	pCi/mL	NO
PSB 11	UAZ	2/14/2022	GROSS ALPHA	0.692	1.52	U	0.381	MCL	15	pCi/L	NO
PSB 11	UAZ	2/14/2022	NONVOLATILE BETA	0.529	1.14	U	0.0626	MCL	50	pCi/L	NO
PSB 11	UAZ	2/14/2022	TRITIUM	0.679	1.9		2.44	MCL	20	pCi/mL	NO
PSB002AA	**GAU**	**2/9/2022**	**TRITIUM**	**0.512**	**33.1**		**6420**	**MCL**	**20**	**pCi/mL**	**YES**
PSB002AA	**GAU**	**2/9/2022**	**TRITIUM**	**0.514**	**33.3**		**6480**	**MCL**	**20**	**pCi/mL**	**YES**
PSB002AL	**GAU**	**2/14/2022**	**TRITIUM**	**0.674**	**5.95**		**68.4**	**MCL**	**20**	**pCi/mL**	**YES**
PSB002B	LAZ	2/14/2022	GROSS ALPHA	0.308	0.852		0.968	MCL	15	pCi/L	NO
PSB002B	LAZ	2/14/2022	NONVOLATILE BETA	0.557	1.39		2.97	MCL	50	pCi/L	NO
PSB002B	**LAZ**	**2/14/2022**	**TRITIUM**	**5.57**	**416**		**11100**	**MCL**	**20**	**pCi/mL**	**YES**
PSB002C	LAZ	2/14/2022	GROSS ALPHA	0.402	0.93	J	0.453	MCL	15	pCi/L	NO
PSB002C	LAZ	2/14/2022	NONVOLATILE BETA	0.806	1.8	J	1.09	MCL	50	pCi/L	NO
PSB002C	**LAZ**	**2/14/2022**	**TRITIUM**	**3.7**	**232**		**6020**	**MCL**	**20**	**pCi/mL**	**YES**
PSB002DL	UAZ	2/14/2022	GROSS ALPHA	0.494	1.36	J	1.3	MCL	15	pCi/L	NO
PSB002DL	UAZ	2/14/2022	NONVOLATILE BETA	0.59	1.28	U	0.0944	MCL	50	pCi/L	NO
PSB002DL	**UAZ**	**2/14/2022**	**TRITIUM**	**0.756**	**14.7**		**355**	**MCL**	**20**	**pCi/mL**	**YES**
PSB003DL	UAZ	2/8/2022	GROSS ALPHA	0.99	1.98	U	0.114	MCL	15	pCi/L	NO
PSB003DL	UAZ	2/8/2022	NONVOLATILE BETA	0.992	2.33	J	1.25	MCL	50	pCi/L	NO
PSB003DL	**UAZ**	**2/8/2022**	**TRITIUM**	**0.511**	**5.97**		**178**	**MCL**	**20**	**pCi/mL**	**YES**
PSB011A	GAU	2/14/2022	TRITIUM	0.68	2.11		3.83	MCL	20	pCi/mL	NO
PSB011B	LAZ	2/14/2022	GROSS ALPHA	0.605	1.46	J	1.33	MCL	15	pCi/L	NO
PSB011B	LAZ	2/14/2022	NONVOLATILE BETA	0.843	1.94		2.49	MCL	50	pCi/L	NO
PSB011B	**LAZ**	**2/14/2022**	**TRITIUM**	**1.11**	**33.3**		**826**	**MCL**	**20**	**pCi/mL**	**YES**
PSB011C	LAZ	2/14/2022	GROSS ALPHA		1.67	U	0.358	MCL	15	pCi/L	NO
PSB011C	LAZ	2/14/2022	GROSS ALPHA	0.237	0.747		1.14	MCL	15	pCi/L	NO
PSB011C	LAZ	2/14/2022	NONVOLATILE BETA		4.75	U	0.068	MCL	50	pCi/L	NO
PSB011C	LAZ	2/14/2022	NONVOLATILE BETA	0.665	1.53	J	1.48	MCL	50	pCi/L	NO
PSB011C	**LAZ**	**2/14/2022**	**TRITIUM**		**11000**		**3780000**	**MCL**	**20**	**pCi/L**	**YES**
PSB011C	**LAZ**	**2/14/2022**	**TRITIUM**	**3.04**	**166**		**4200**	**MCL**	**20**	**pCi/mL**	**YES**
PSB011DL	UAZ	2/14/2022	GROSS ALPHA	0.202	0.618		0.675	MCL	15	pCi/L	NO
PSB011DL	UAZ	2/14/2022	NONVOLATILE BETA	0.353	0.825	J	0.666	MCL	50	pCi/L	NO
PSB011DL	**UAZ**	**2/14/2022**	**TRITIUM**	**2.41**	**116**		**2900**	**MCL**	**20**	**pCi/mL**	**YES**
PSC002D1	UAZ	2/10/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PSC002D1	UAZ	2/10/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PSC002D1	UAZ	2/10/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PSC002D1	UAZ	2/10/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PSC002D1	UAZ	2/10/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PSC002D1	UAZ	2/10/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC002D1	UAZ	2/10/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PSC002D1	UAZ	2/10/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC002D1	UAZ	2/10/2022	TRITIUM	6.69	14.2	U	-0.451	MCL	20	pCi/mL	NO
PSC002D2	UAZ	2/10/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PSC002D2	UAZ	2/10/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PSC002D2	UAZ	2/10/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PSC002D2	UAZ	2/10/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PSC002D2	UAZ	2/10/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PSC002D2	UAZ	2/10/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC002D2	UAZ	2/10/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PSC002D2	UAZ	2/10/2022	TRICHLOROETHYLENE (TCE)	0.333	1	J	0.41	MCL	5	ug/L	NO
PSC002D2	UAZ	2/10/2022	TRITIUM	6.7	14.4	U	0.951	MCL	20	pCi/mL	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PSC003D1	UAZ	2/10/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PSC003D1	UAZ	2/10/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PSC003D1	UAZ	2/10/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	J	0.36	MCL	70	ug/L	NO
PSC003D1	UAZ	2/10/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PSC003D1	UAZ	2/10/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PSC003D1	UAZ	2/10/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC003D1	UAZ	2/10/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PSC003D1	**UAZ**	**2/10/2022**	**TRICHLOROETHYLENE (TCE)**	**0.333**	**1**		**5.61**	**MCL**	**5**	**ug/L**	**YES**
PSC003D1	**UAZ**	**2/10/2022**	**TRITIUM**	**6.68**	**18.8**		**52.4**	**MCL**	**20**	**pCi/mL**	**YES**
PSC003D2	UAZ	2/10/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PSC003D2	UAZ	2/10/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PSC003D2	UAZ	2/10/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PSC003D2	UAZ	2/10/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PSC003D2	UAZ	2/10/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PSC003D2	UAZ	2/10/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC003D2	UAZ	2/10/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PSC003D2	UAZ	2/10/2022	TRICHLOROETHYLENE (TCE)	0.333	1		3.32	MCL	5	ug/L	NO
PSC003D2	**UAZ**	**2/10/2022**	**TRITIUM**	**6.68**	**35.3**		**447**	**MCL**	**20**	**pCi/mL**	**YES**
PSC004D1	UAZ	2/10/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PSC004D1	UAZ	2/10/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PSC004D1	UAZ	2/10/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PSC004D1	UAZ	2/10/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PSC004D1	UAZ	2/10/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PSC004D1	UAZ	2/10/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PSC004D1	UAZ	2/10/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PSC004D1	UAZ	2/10/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PSC004D1	UAZ	2/10/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PSC004D1	UAZ	2/10/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PSC004D1	UAZ	2/10/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC004D1	UAZ	2/10/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC004D1	UAZ	2/10/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PSC004D1	UAZ	2/10/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PSC004D1	UAZ	2/10/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC004D1	UAZ	2/10/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC004D1	**UAZ**	**2/10/2022**	**TRITIUM**	**6.65**	**37.5**		**524**	**MCL**	**20**	**pCi/mL**	**YES**
PSC004D1	**UAZ**	**2/10/2022**	**TRITIUM**	**6.67**	**36.9**		**502**	**MCL**	**20**	**pCi/mL**	**YES**
PSC004D2	UAZ	2/10/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PSC004D2	UAZ	2/10/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PSC004D2	UAZ	2/10/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PSC004D2	UAZ	2/10/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PSC004D2	UAZ	2/10/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PSC004D2	UAZ	2/10/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC004D2	UAZ	2/10/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PSC004D2	**UAZ**	**2/10/2022**	**TRICHLOROETHYLENE (TCE)**	**0.333**	**1**		**6.28**	**MCL**	**5**	**ug/L**	**YES**
PSC004D2	UAZ	2/10/2022	TRITIUM	6.69	15.4	J	10.3	MCL	20	pCi/mL	NO
PSC005D1	UAZ	2/14/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PSC005D1	UAZ	2/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PSC005D1	UAZ	2/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PSC005D1	UAZ	2/14/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PSC005D1	UAZ	2/14/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PSC005D1	UAZ	2/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC005D1	UAZ	2/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PSC005D1	UAZ	2/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC005D1	UAZ	2/14/2022	TRITIUM	6.52	14	U	1.56	MCL	20	pCi/mL	NO
PSC005D2	UAZ	2/14/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PSC005D2	UAZ	2/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PSC005D2	UAZ	2/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PSC005D2	UAZ	2/14/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PSC005D2	UAZ	2/14/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PSC005D2	UAZ	2/14/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PSC005D2	UAZ	2/14/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
PSC005D2	UAZ	2/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC005D2	UAZ	2/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PSC005D2	UAZ	2/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC005D2	UAZ	2/14/2022	TRITIUM	6.53	13.9	U	1.06	MCL	20	pCi/mL	NO
PSC005D2	UAZ	2/14/2022	TRITIUM	6.49	12.9	U	-3.78	MCL	20	pCi/mL	NO
PSC006D1	UAZ	2/14/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PSC006D1	UAZ	2/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PSC006D1	UAZ	2/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PSC006D1	UAZ	2/14/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PSC006D1	UAZ	2/14/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PSC006D1	UAZ	2/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC006D1	UAZ	2/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PSC006D1	UAZ	2/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC006D1	UAZ	2/14/2022	TRITIUM	6.52	13.6	U	-0.625	MCL	20	pCi/mL	NO
PSC006D2	UAZ	2/14/2022	1,1-DICHLOROETHYLENE	0.5	1	U	0.5	MCL	7	ug/L	NO
PSC006D2	UAZ	2/14/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
PSC006D2	UAZ	2/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.5	1	U	0.5	MCL	2	ug/L	NO
PSC006D2	UAZ	2/14/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
PSC006D2	UAZ	2/14/2022	CIS-1,2-DICHLOROETHYLENE	0.5	1	U	0.5	MCL	70	ug/L	NO
PSC006D2	UAZ	2/14/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
PSC006D2	UAZ	2/14/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
PSC006D2	UAZ	2/14/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
PSC006D2	**UAZ**	**2/14/2022**	**TETRACHLOROETHYLENE (PCE)**	**6**	**12**	**U**	**6**	**MCL**	**5**	**ug/L**	**YES**
PSC006D2	UAZ	2/14/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC006D2	UAZ	2/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.5	1	U	0.5	MCL	100	ug/L	NO
PSC006D2	UAZ	2/14/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
PSC006D2	UAZ	2/14/2022	TRICHLOROETHYLENE (TCE)	0.5	1	U	0.314	MCL	5	ug/L	NO
PSC006D2	UAZ	2/14/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
PSC006D2	**UAZ**	**2/14/2022**	**TRITIUM**		**848**	**U**	**127**	**MCL**	**20**	**pCi/L**	**YES**
PSC006D2	UAZ	2/14/2022	TRITIUM	6.47	13.9	U	1.7	MCL	20	pCi/mL	NO
SC-02	SW	2/10/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
SC-02	SW	2/10/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
SC-02	SW	2/10/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
SC-02	SW	2/10/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
SC-02	SW	2/10/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
SC-02	SW	2/10/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
SC-02	SW	2/10/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
SC-02	SW	2/10/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
SC-02	SW	2/10/2022	TRITIUM	6.7	14.8	U	4.3	MCL	20	pCi/mL	NO
SC-03	SW	2/10/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
SC-03	SW	2/10/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
SC-03	SW	2/10/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
SC-03	SW	2/10/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
SC-03	SW	2/10/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1		1.44	MCL	70	ug/L	NO
SC-03	SW	2/10/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1		1.42	MCL	70	ug/L	NO
SC-03	SW	2/10/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
SC-03	SW	2/10/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
SC-03	SW	2/10/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
SC-03	SW	2/10/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
SC-03	SW	2/10/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
SC-03	SW	2/10/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
SC-03	SW	2/10/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
SC-03	SW	2/10/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
SC-03	**SW**	**2/10/2022**	**TRICHLOROETHYLENE (TCE)**	**0.333**	**1**		**16**	**MCL**	**5**	**ug/L**	**YES**
SC-03	**SW**	**2/10/2022**	**TRICHLOROETHYLENE (TCE)**	**0.333**	**1**		**15.2**	**MCL**	**5**	**ug/L**	**YES**
SC-03	**SW**	**2/10/2022**	**TRITIUM**	**6.71**	**33.7**		**392**	**MCL**	**20**	**pCi/mL**	**YES**
SC-03	**SW**	**2/10/2022**	**TRITIUM**	**6.67**	**33.1**		**375**	**MCL**	**20**	**pCi/mL**	**YES**
SC-04	SW	2/10/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
SC-04	SW	2/10/2022	1,1-DICHLOROETHYLENE	0.5	1	U	0.5	MCL	7	ug/L	NO
SC-04	SW	2/10/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
SC-04	SW	2/10/2022	CHLOROETHENE (VINYL CHLORIDE)	0.5	1	U	0.5	MCL	2	ug/L	NO

Station ID	Aquifer Zone	Date	Analyte	MDL	PQL	Qualifier Code	Result	SL Reference	SL	Units	Exceeds SL?
SC-04	SW	2/10/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
SC-04	SW	2/10/2022	CIS-1,2-DICHLOROETHYLENE	0.5	1	U	0.5	MCL	70	ug/L	NO
SC-04	SW	2/10/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
SC-04	SW	2/10/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
SC-04	SW	2/10/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
SC-04	SW	2/10/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
SC-04	**SW**	**2/10/2022**	**TETRACHLOROETHYLENE (PCE)**	**6**	**12**	**U**	**6**	**MCL**	**5**	**ug/L**	**YES**
SC-04	SW	2/10/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
SC-04	SW	2/10/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
SC-04	SW	2/10/2022	TRANS-1,2-DICHLOROETHYLENE	0.5	1	U	0.5	MCL	100	ug/L	NO
SC-04	SW	2/10/2022	TRICHLOROETHYLENE (TCE)	0.5	1		1.65	MCL	5	ug/L	NO
SC-04	SW	2/10/2022	TRICHLOROETHYLENE (TCE)	0.333	1		1.06	MCL	5	ug/L	NO
SC-04	**SW**	**2/10/2022**	**TRITIUM**		**2480**		**118000**	**MCL**	**20**	**pCi/L**	**YES**
SC-04	**SW**	**2/10/2022**	**TRITIUM**	**6.67**	**23.4**		**131**	**MCL**	**20**	**pCi/mL**	**YES**
SC-04	**SW**	**2/10/2022**	**TRITIUM**	**6.7**	**23**		**122**	**MCL**	**20**	**pCi/mL**	**YES**
SC-07	SW	2/10/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
SC-07	SW	2/10/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
SC-07	SW	2/10/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
SC-07	SW	2/10/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
SC-07	SW	2/10/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
SC-07	SW	2/10/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
SC-07	SW	2/10/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
SC-07	SW	2/10/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
SC-07	**SW**	**2/10/2022**	**TRITIUM**	**6.66**	**17.6**		**37.5**	**MCL**	**20**	**pCi/mL**	**YES**
SC-08	SW	2/10/2022	1,1-DICHLOROETHYLENE	0.333	1	U	1	MCL	7	ug/L	NO
SC-08	SW	2/10/2022	CHLOROETHENE (VINYL CHLORIDE)	0.333	1	U	1	MCL	2	ug/L	NO
SC-08	SW	2/10/2022	CIS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	70	ug/L	NO
SC-08	SW	2/10/2022	ETHANE	10	25	U	25	-	-	ug/L	NO
SC-08	SW	2/10/2022	ETHYLENE	10	25	U	25	-	-	ug/L	NO
SC-08	SW	2/10/2022	TETRACHLOROETHYLENE (PCE)	0.333	1	U	1	MCL	5	ug/L	NO
SC-08	SW	2/10/2022	TRANS-1,2-DICHLOROETHYLENE	0.333	1	U	1	MCL	100	ug/L	NO
SC-08	SW	2/10/2022	TRICHLOROETHYLENE (TCE)	0.333	1	U	1	MCL	5	ug/L	NO
SC-08	**SW**	**2/10/2022**	**TRITIUM**	**6.69**	**17.4**		**33.9**	**MCL**	**20**	**pCi/mL**	**YES**

MDL - method detection limit

PQL - practical quantification limit

RSL - regional screening level

SL - screening level

Samples highlighted yellow are split samples.

Samples highlighted green are field duplicate samples.

Samples highlighted blue are laboratory duplicate samples.

Bold font indicates the sample exceeds the respective screening level.

Qualifier U - result is below detection limit, the PQL is used as a surrogate result for inorganic and organic analyses, and the instrument reading is used as the result for radiological analyses.

J - result has higher uncertainty than usual, either for QC/QA parameters slightly outside normal ranges, or result is between MDL and PQL.

This page intentionally left blank.

APPENDIX C

TIME-SERIES PLOTS FOR PAGW OU 2022 SAMPLING

APPENDIX C.1 – TRITIUM TIME-SERIES PLOTS
APPENDIX C.2 – TRICHLOROETHYLENE TIME-SERIES PLOTS

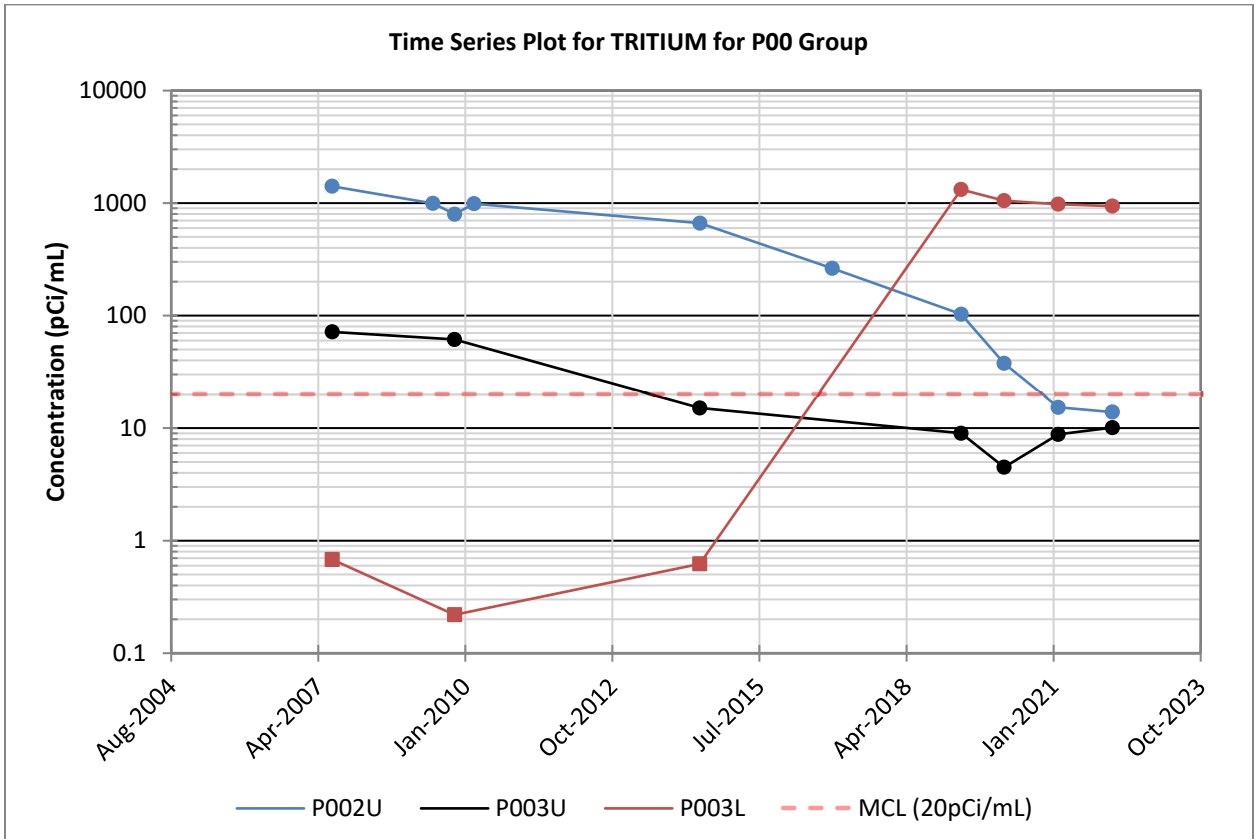
This page intentionally left blank.

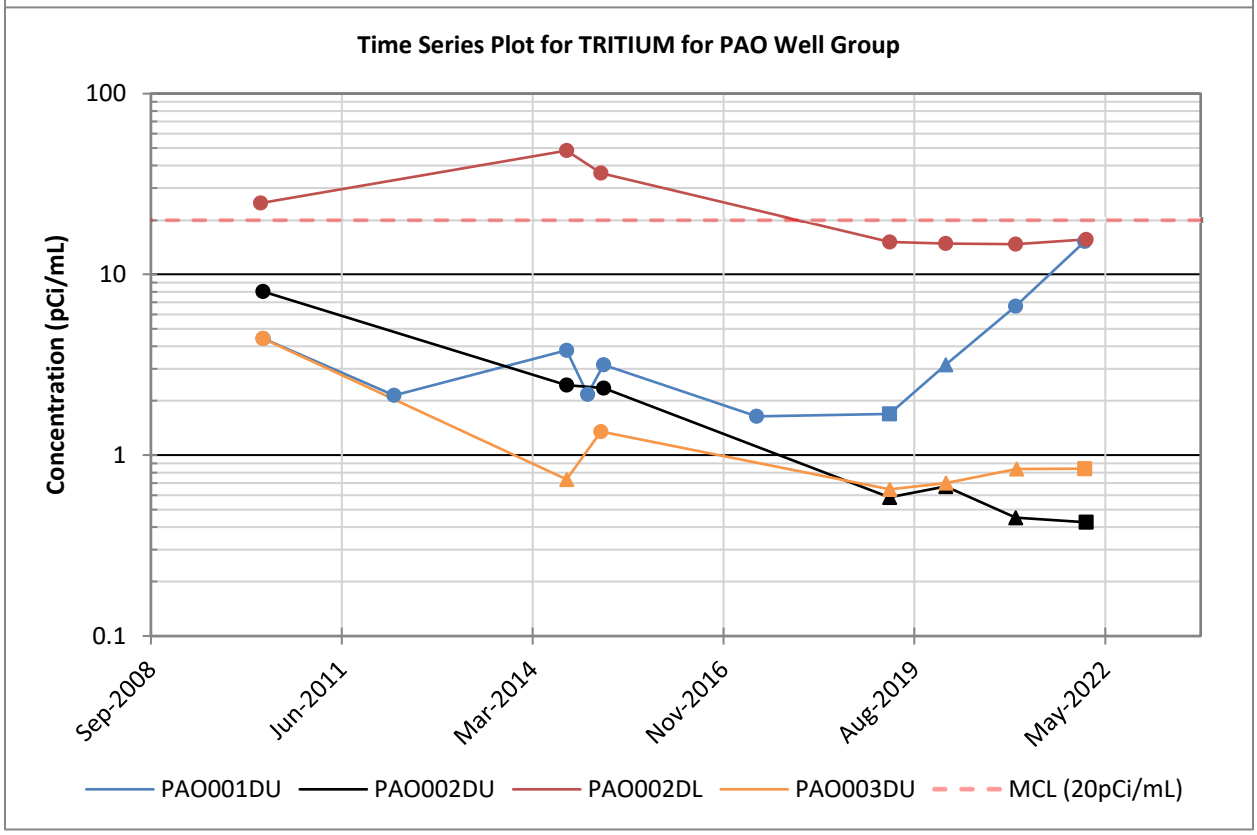
APPENDIX C.1

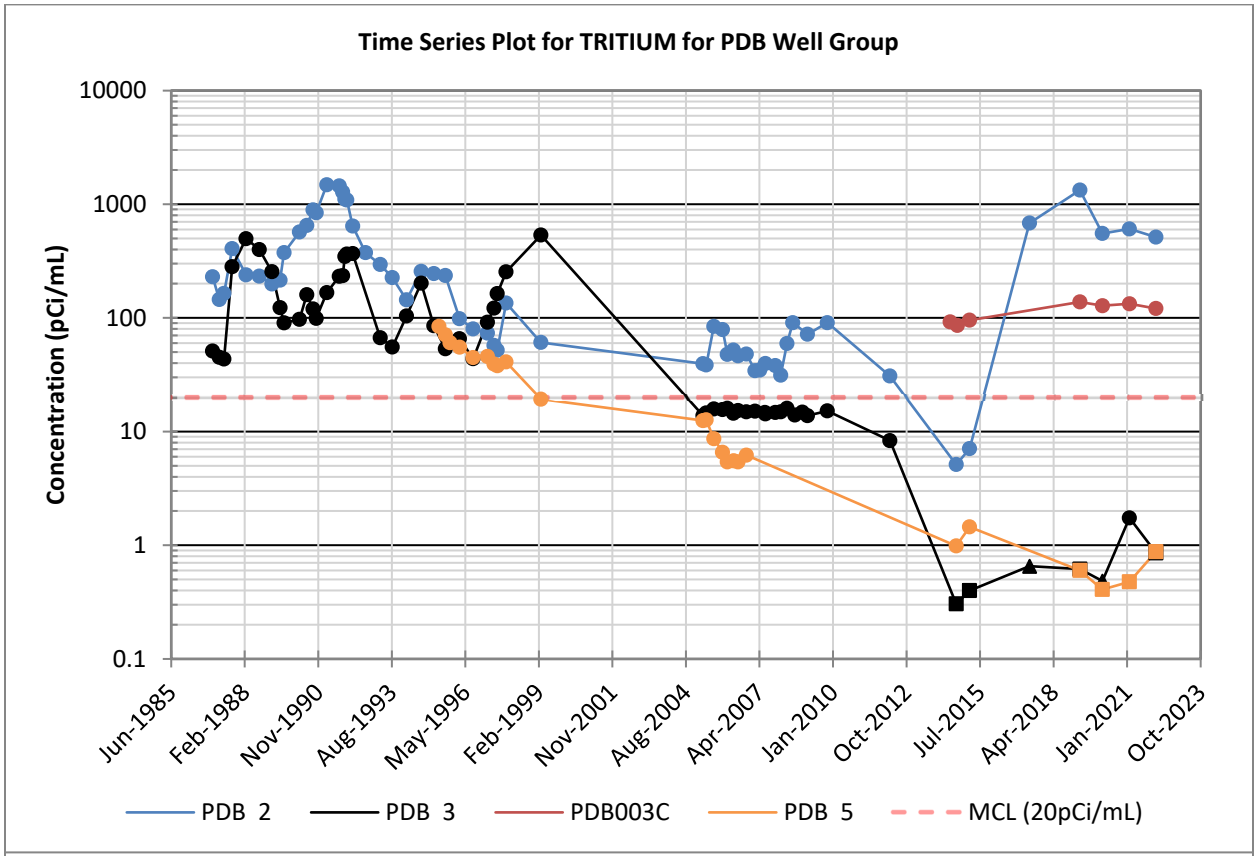
TRITIUM TIME-SERIES PLOTS

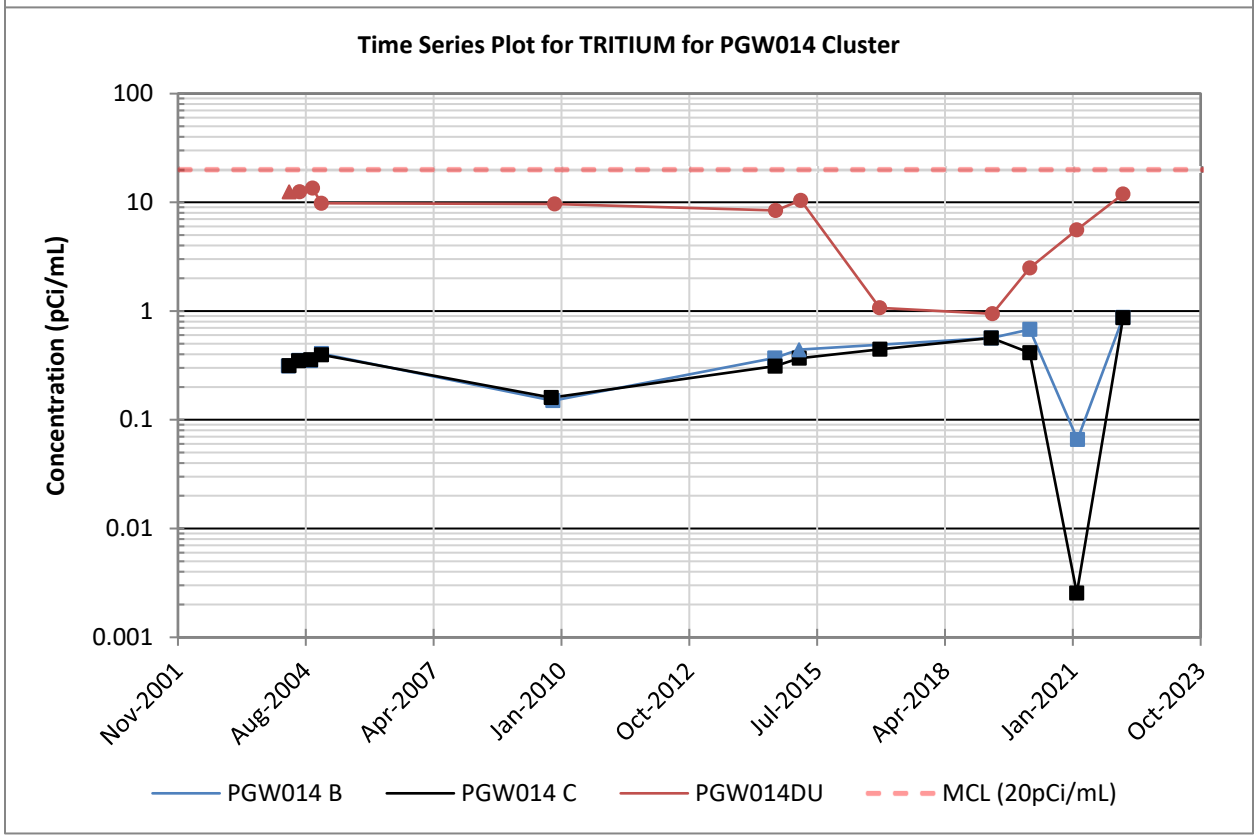
For all time-series plots, samples qualified J have triangle markers, samples qualified U have square markers, and samples with no qualifier have circle markers.

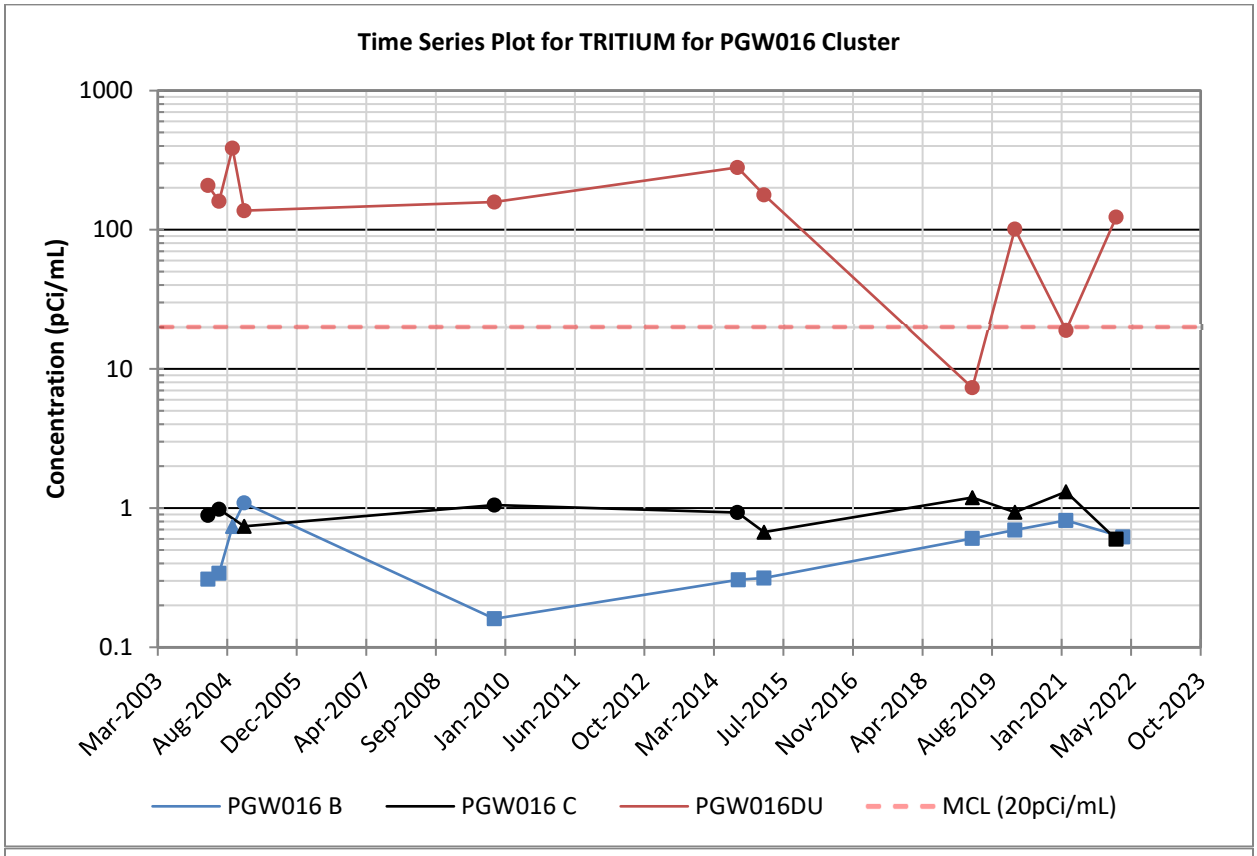
This page intentionally left blank.

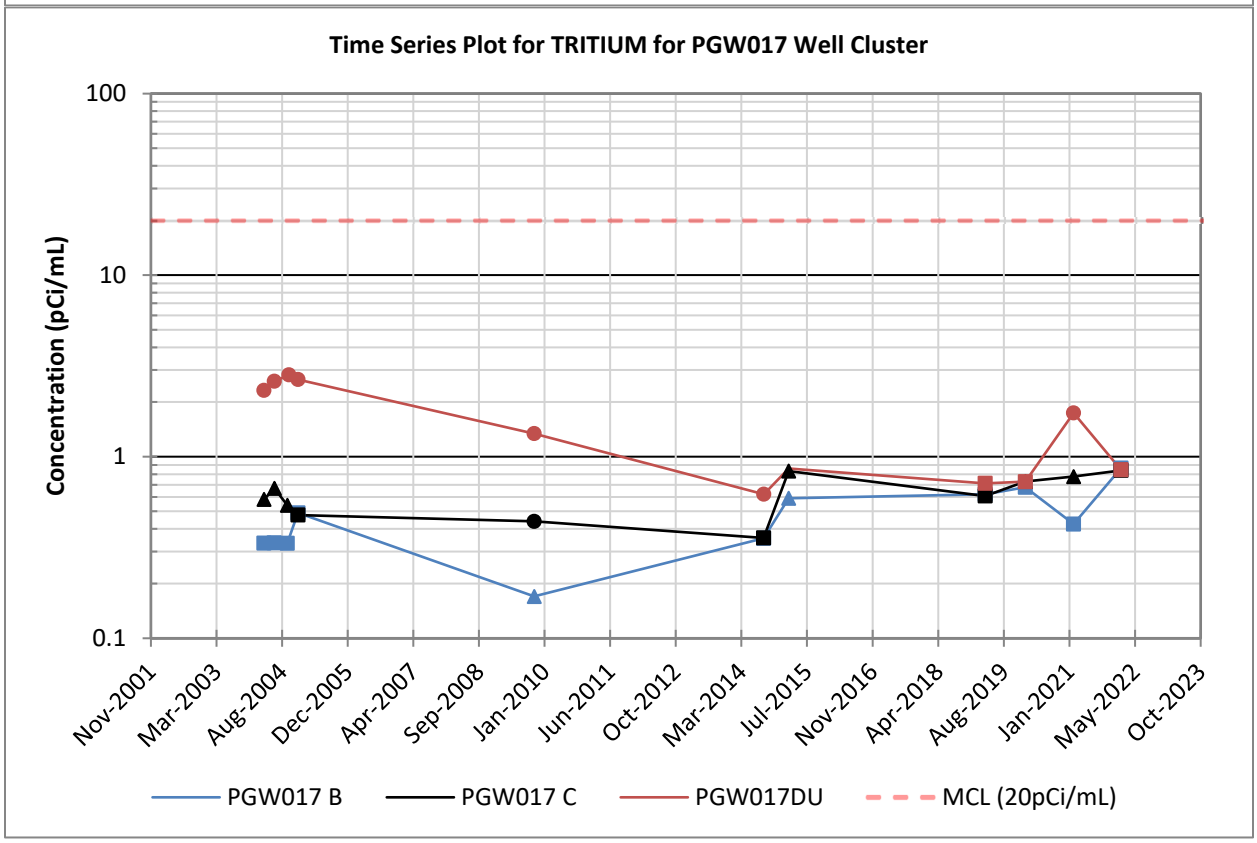

Time Series Plot for TRITIUM for P00 Group
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Aug-2004
Apr-2007
Jan-2010
Oct-2012
Jul-2015
Apr-2018
Jan-2021
Oct-2023
P002U
P003U
P003L
MCL (20pCi/mL)

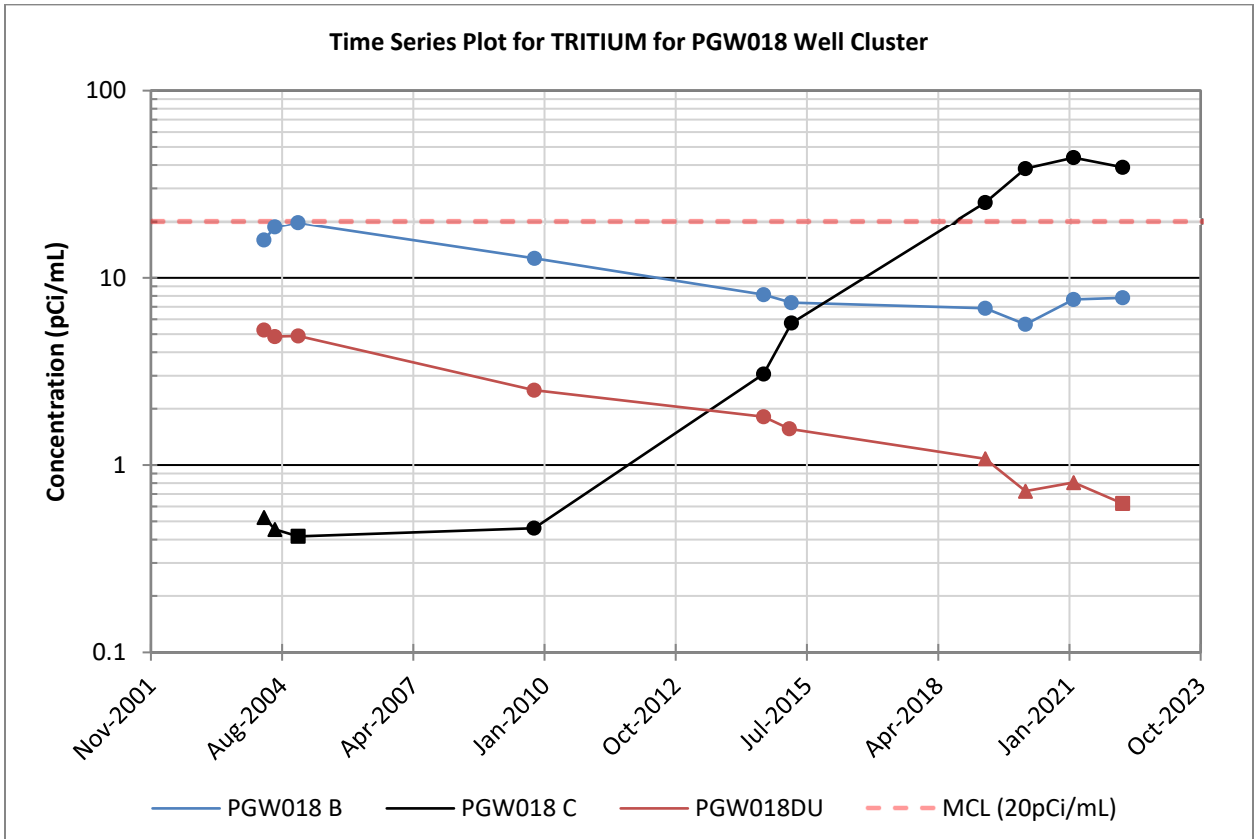

Time Series Plot for TRITIUM for PAO Well Group
Concentration (pCi/mL)
100
10
1
0.1
Sep-2008
Jun-2011
Mar-2014
Nov-2016
Aug-2019
May-2022
PAO001DU
PAO002DU
PAO002DL
PAO003DU
MCL (20pCi/mL)

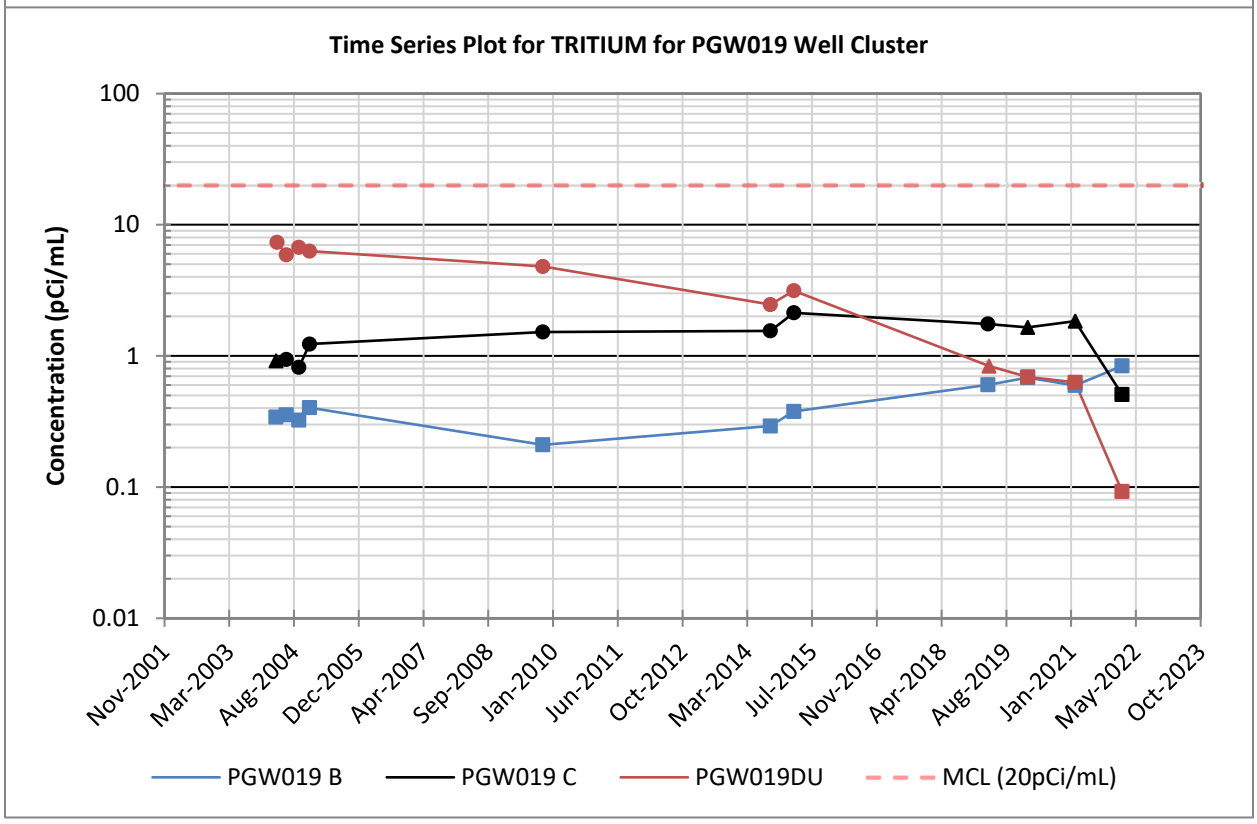

Time Series Plot for TRITIUM for PDB Well Group
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Jun-1985
Feb-1988
Nov-1990
Aug-1993
May-1996
Feb-1999
Nov-2001
Aug-2004
Apr-2007
Jan-2010
Oct-2012
Jul-2015
Apr-2018
Jan-2021
Oct-2023
PDB 2
PDB 3
PDB003C
PDB 5
MCL (20pCi/mL)

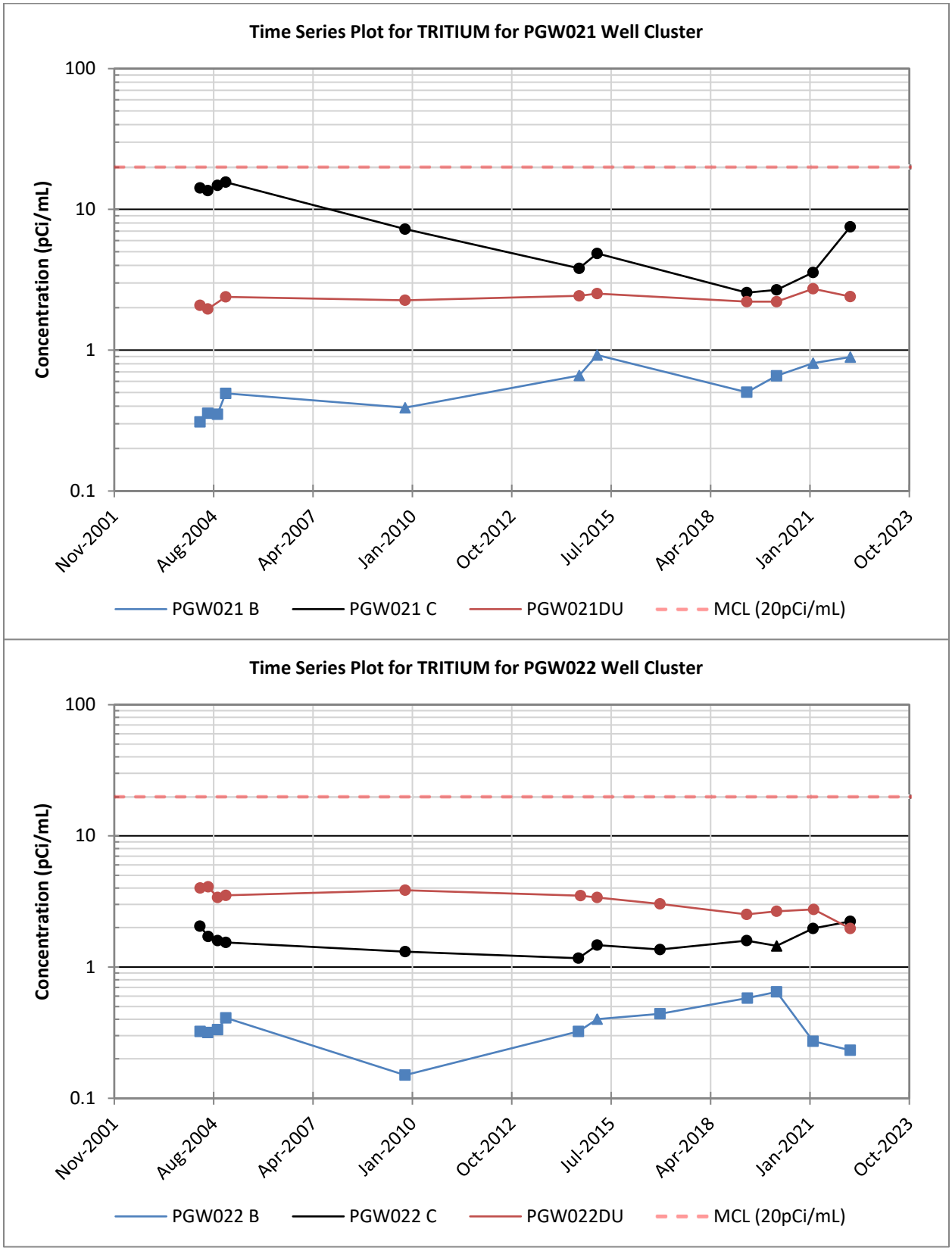

Time Series Plot for TRITIUM for PGW014 Cluster
Concentration (pCi/mL)
100
10
1
0.1
0.01
0.001
Nov-2001
Aug-2004
Apr-2007
Jan-2010
Oct-2012
Jul-2015
Apr-2018
Jan-2021
Oct-2023
PGW014 B
PGW014 C
PGW014DU
MCL (20pCi/mL)

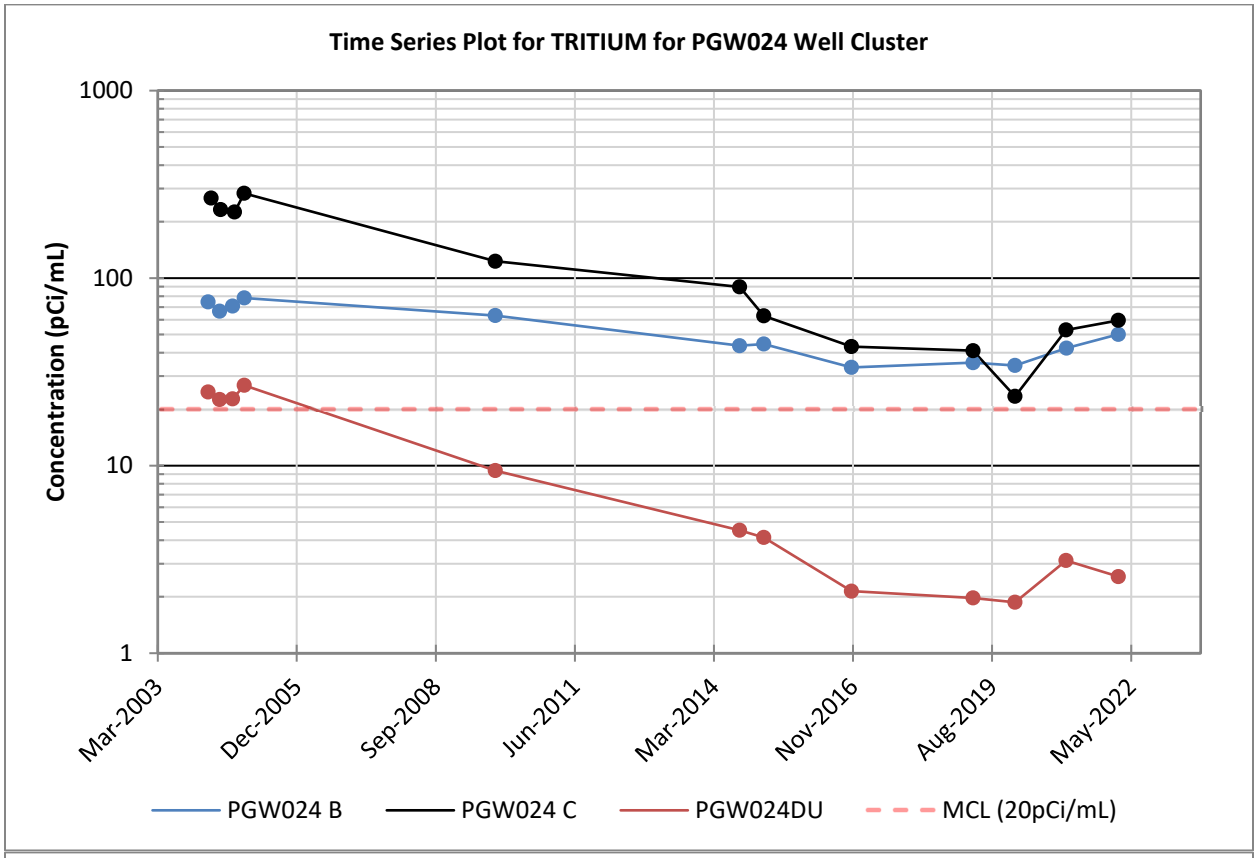

Time Series Plot for TRITIUM for PGW016 Cluster
Concentration (pCi/mL)
1000
100
10
1
0.1
Mar-2003
Aug-2004
Dec-2005
Apr-2007
Sep-2008
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW016 B
PGW016 C
PGW016DU
MCL (20pCi/mL)

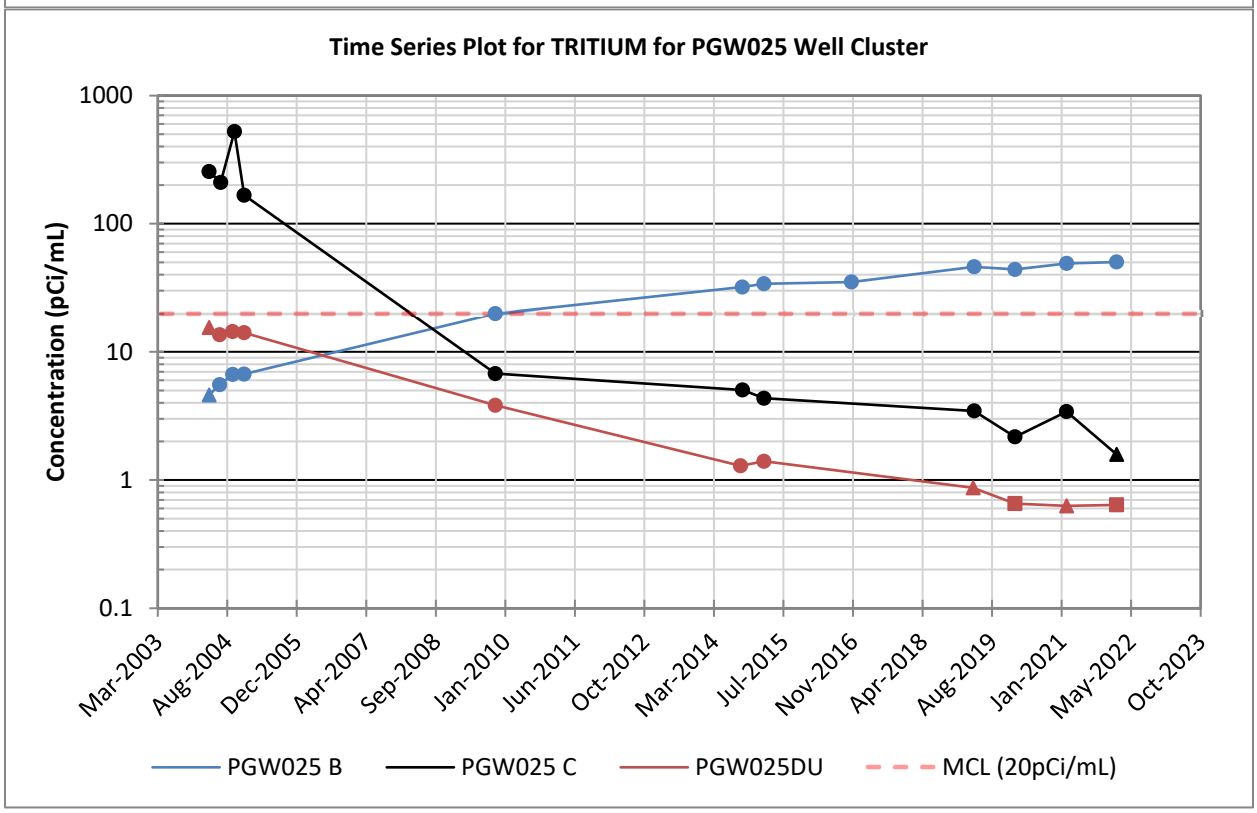

Time Series Plot for TRITIUM for PGW017 Well Cluster
Concentration (pCi/mL)
100
10
1
0.1
Nov-2001
Mar-2003
Aug-2004
Dec-2005
Apr-2007
Sep-2008
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW017 B
PGW017 C
PGW017DU
MCL (20pCi/mL)

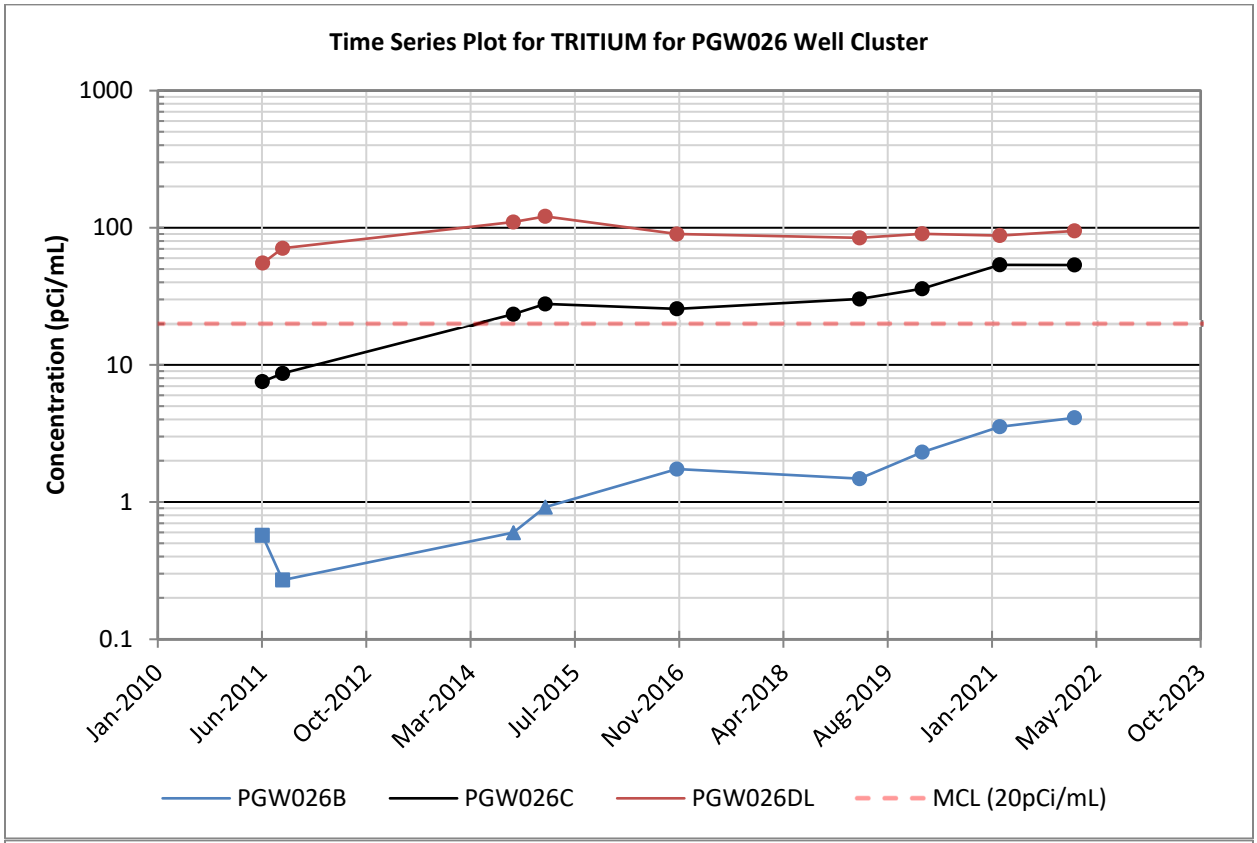

Time Series Plot for TRITIUM for PGW018 Well Cluster
Concentration (pCi/mL)
100
10
1
0.1
Nov-2001
Aug-2004
Apr-2007
Jan-2010
Oct-2012
Jul-2015
Apr-2018
Jan-2021
Oct-2023
PGW018 B
PGW018 C
PGW018DU
MCL (20pCi/mL)

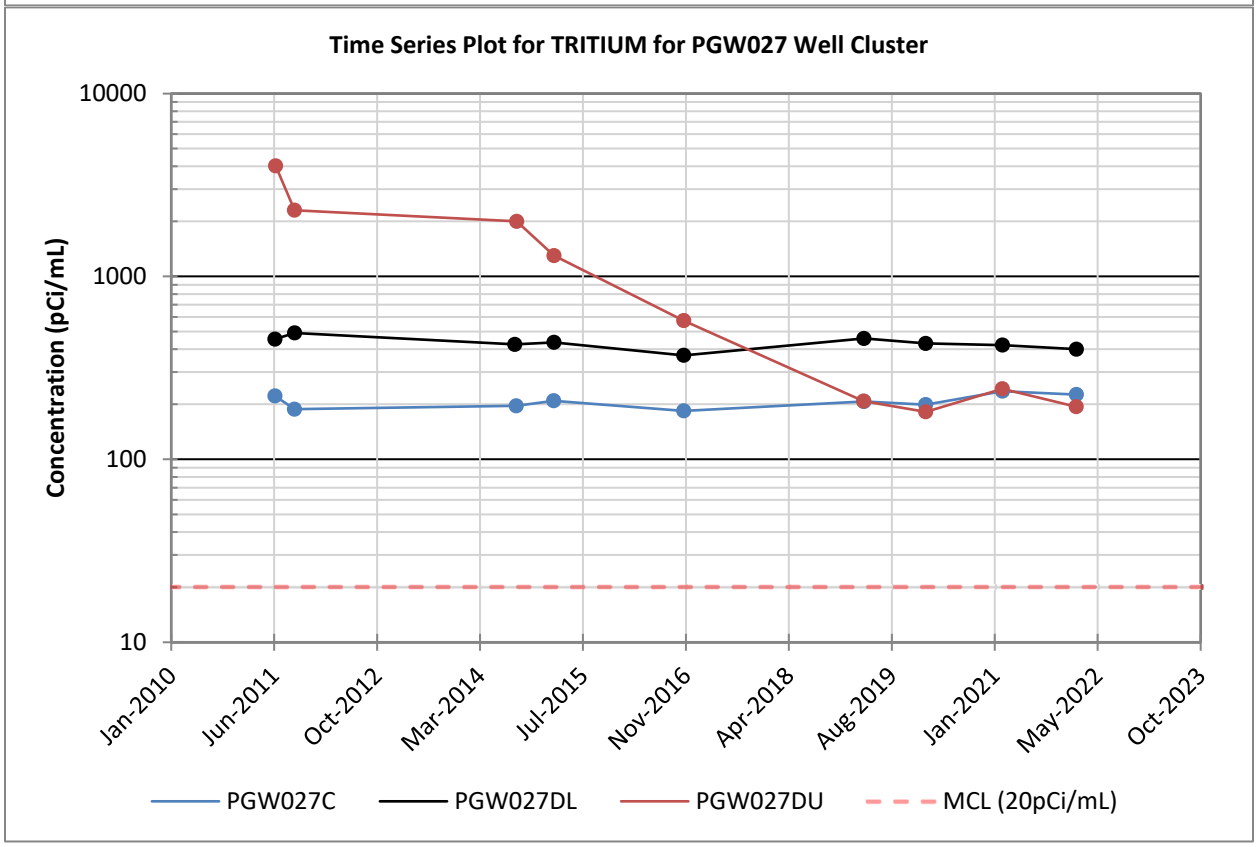

Time Series Plot for TRITIUM for PGW019 Well Cluster
Concentration (pCi/mL)
100
10
1
0.1
0.01
Nov-2001
Mar-2003
Aug-2004
Dec-2005
Apr-2007
Sep-2008
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW019 B
PGW019 C
PGW019DU
MCL (20pCi/mL)

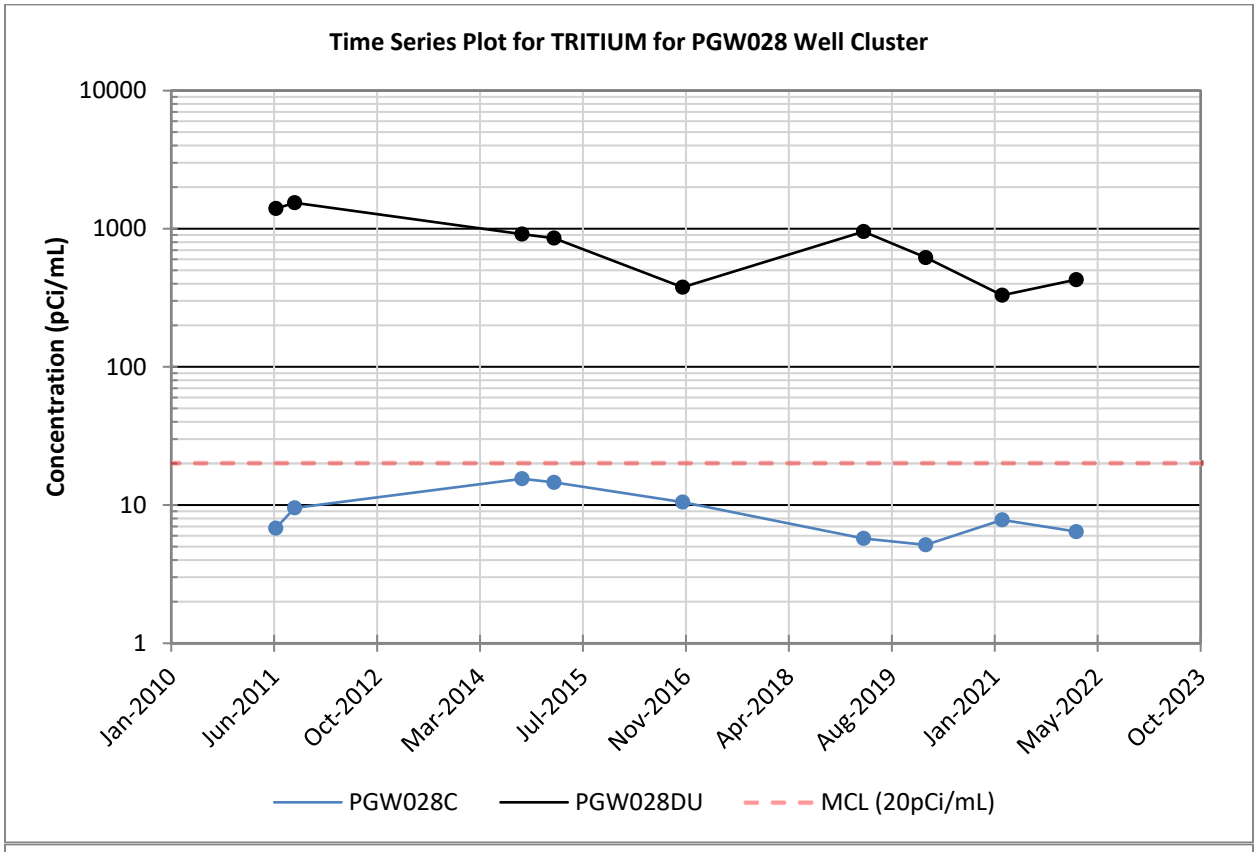

Time Series Plot for TRITIUM for PGW021 Well Cluster
Concentration (pCi/mL)
100
10
1
0.1
Nov-2001
Aug-2004
Apr-2007
Jan-2010
Oct-2012
Jul-2015
Apr-2018
Jan-2021
Oct-2023
PGW021 B
PGW021 C
PGW021DU
MCL (20pCi/mL)
Time Series Plot for TRITIUM for PGW022 Well Cluster
Concentration (pCi/mL)
100
10
1
0.1
Nov-2001
Aug-2004
Apr-2007
Jan-2010
Oct-2012
Jul-2015
Apr-2018
Jan-2021
Oct-2023
PGW022 B
PGW022 C
PGW022DU
MCL (20pCi/mL)

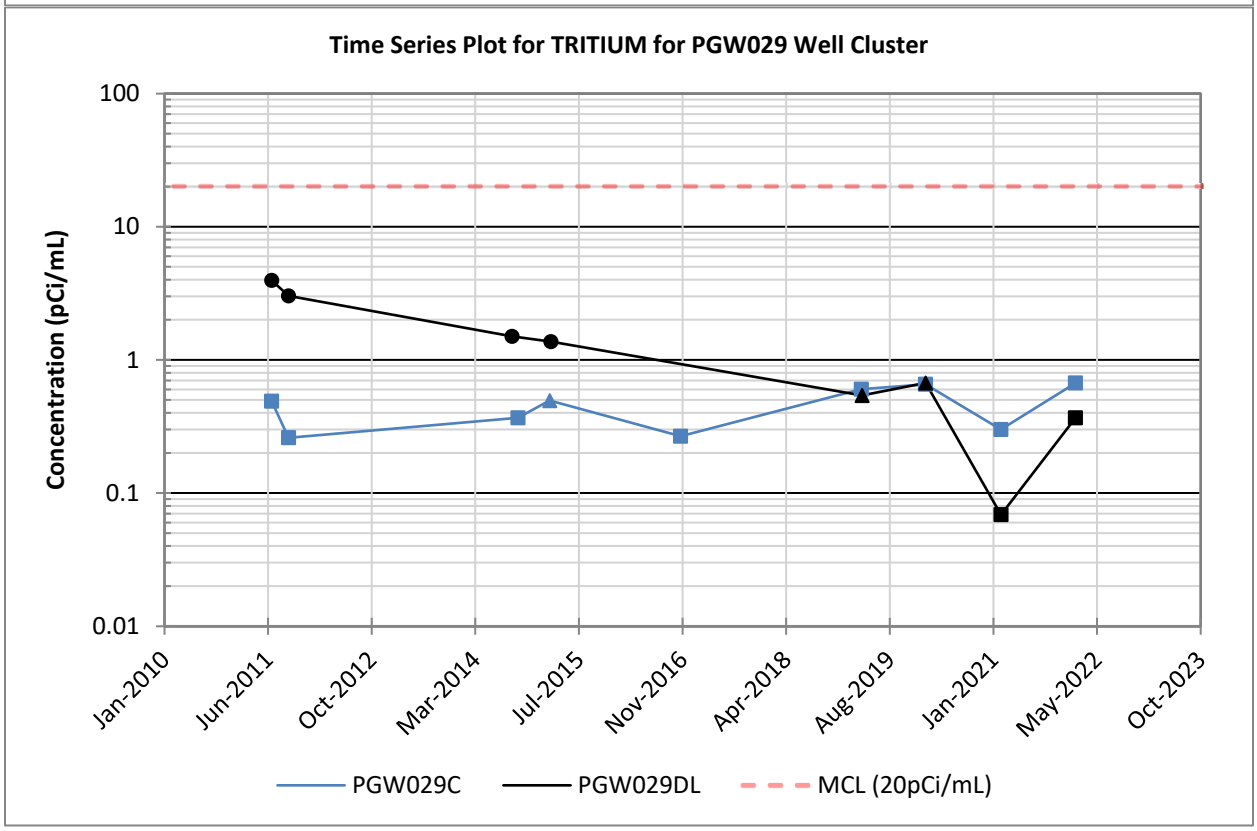

Time Series Plot for TRITIUM for PGW024 Well Cluster
Concentration (pCi/mL)
1000
100
10
1
Mar-2003
Dec-2005
Sep-2008
Jun-2011
Mar-2014
Nov-2016
Aug-2019
May-2022
PGW024 B
PGW024 C
PGW024DU
MCL (20pCi/mL)

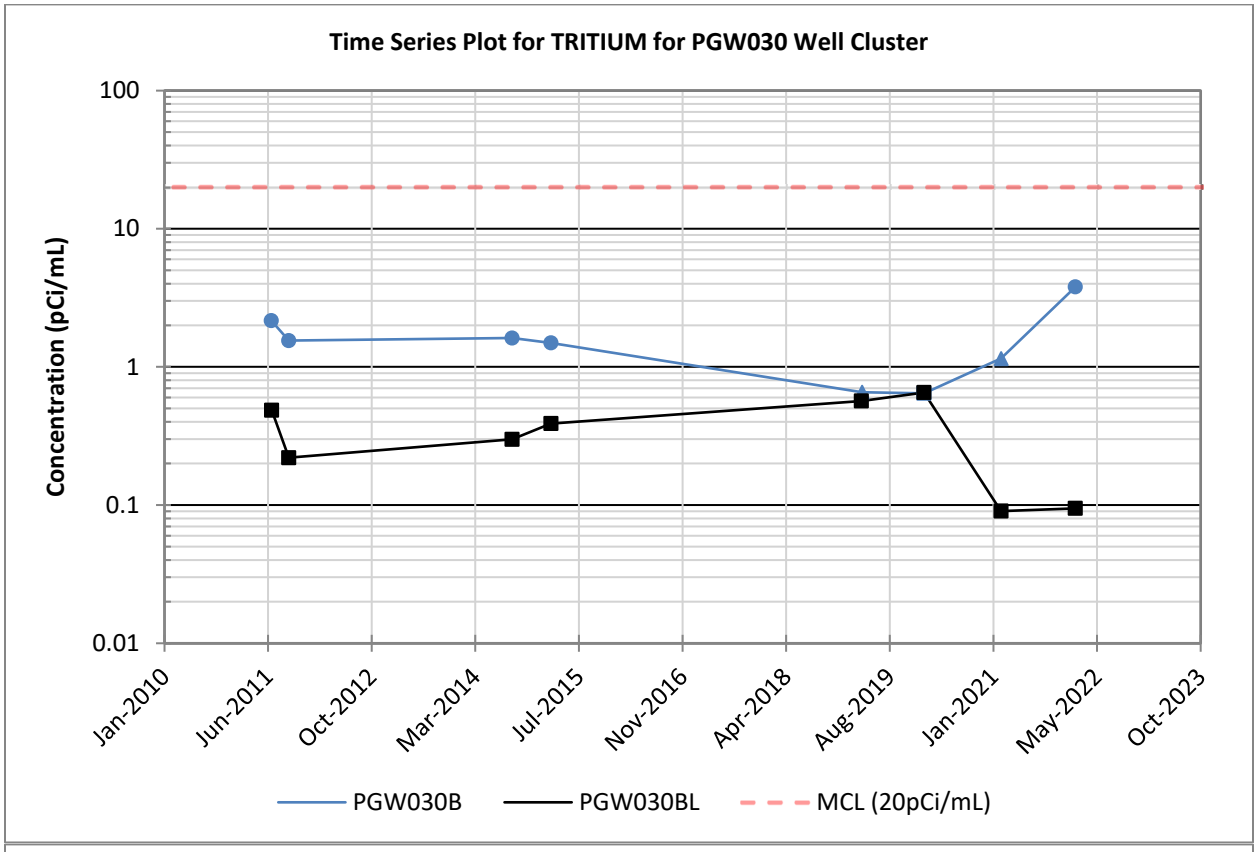

Time Series Plot for TRITIUM for PGW025 Well Cluster
Concentration (pCi/mL)
1000
100
10
1
0.1
Mar-2003
Aug-2004
Dec-2005
Apr-2007
Sep-2008
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW025 B
PGW025 C
PGW025DU
MCL (20pCi/mL)

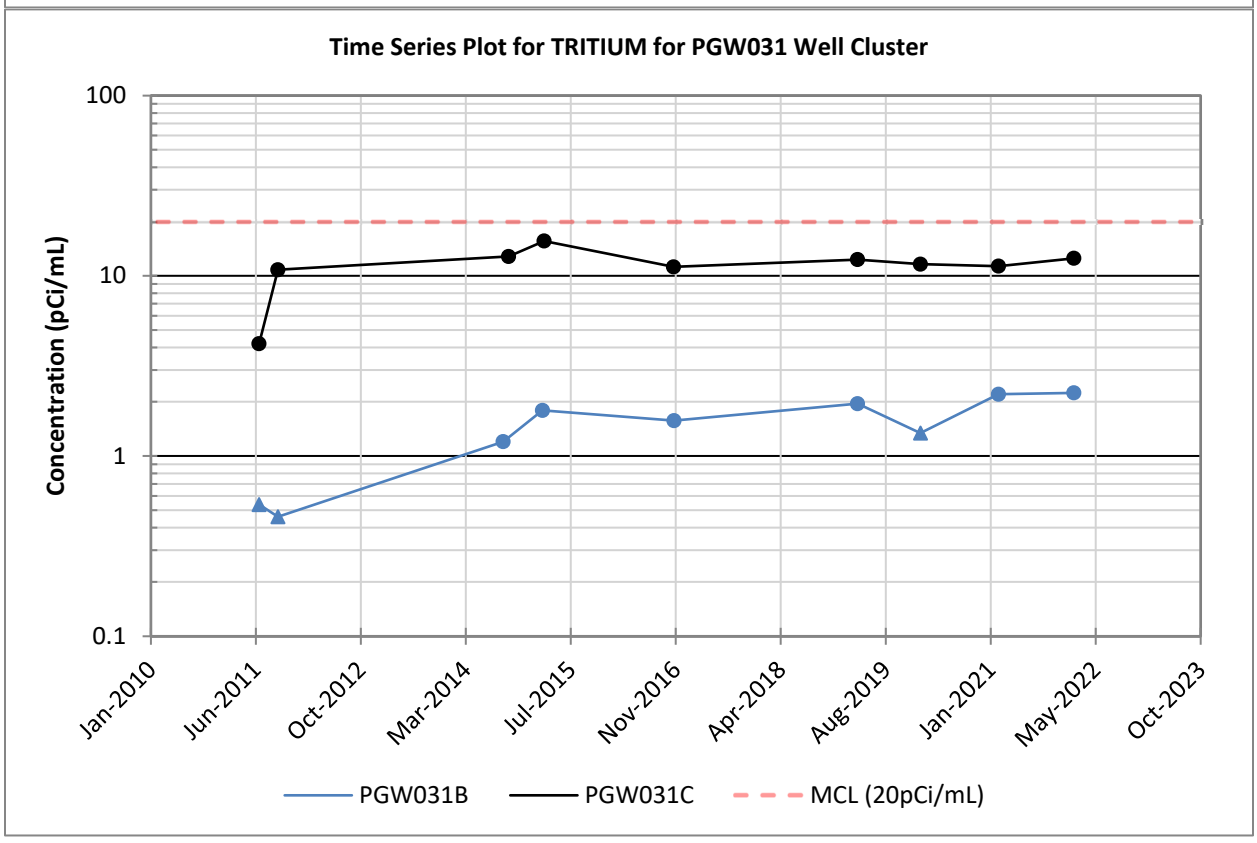

Time Series Plot for TRITIUM for PGW026 Well Cluster
Concentration (pCi/mL)
1000
100
10
1
0.1
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW026B
PGW026C
PGW026DL
MCL (20pCi/mL)

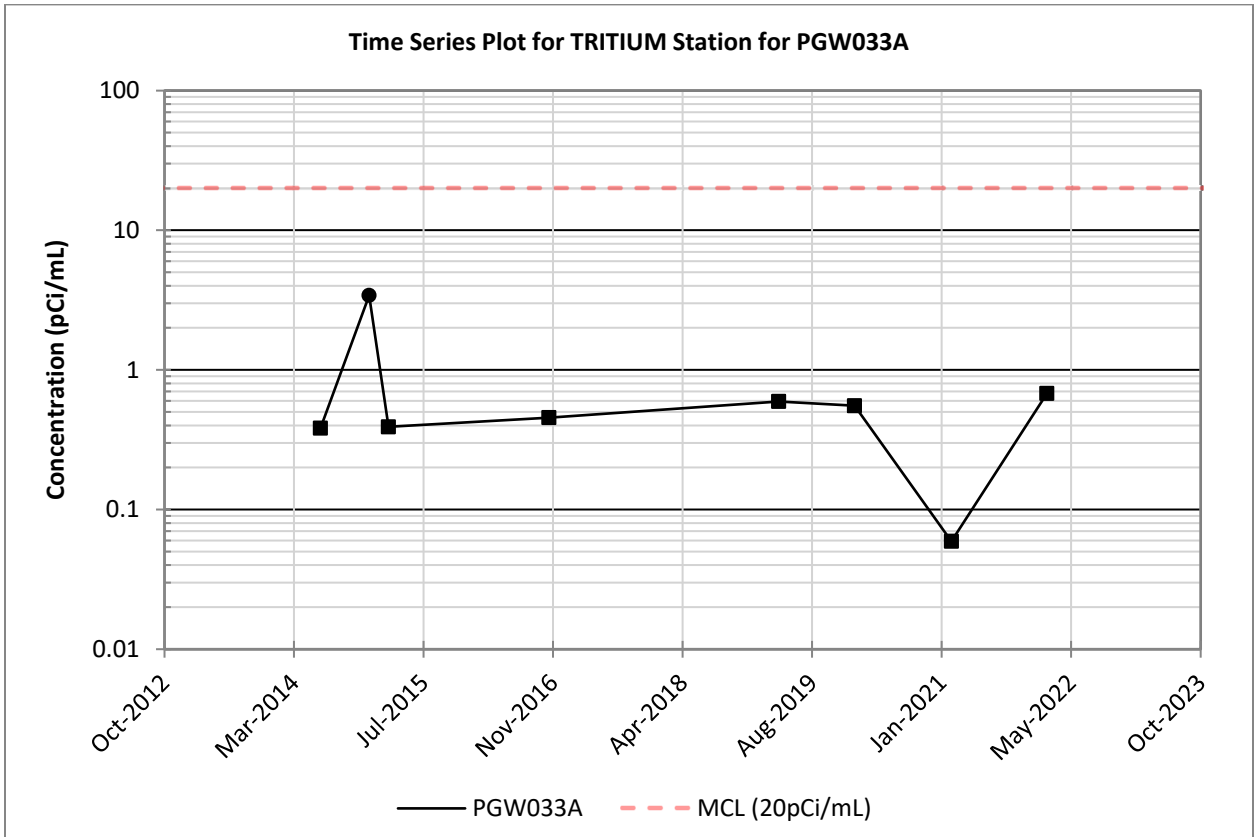

Time Series Plot for TRITIUM for PGW027 Well Cluster
Concentration (pCi/mL)
10000
1000
100
10
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW027C
PGW027DL
PGW027DU
MCL (20pCi/mL)

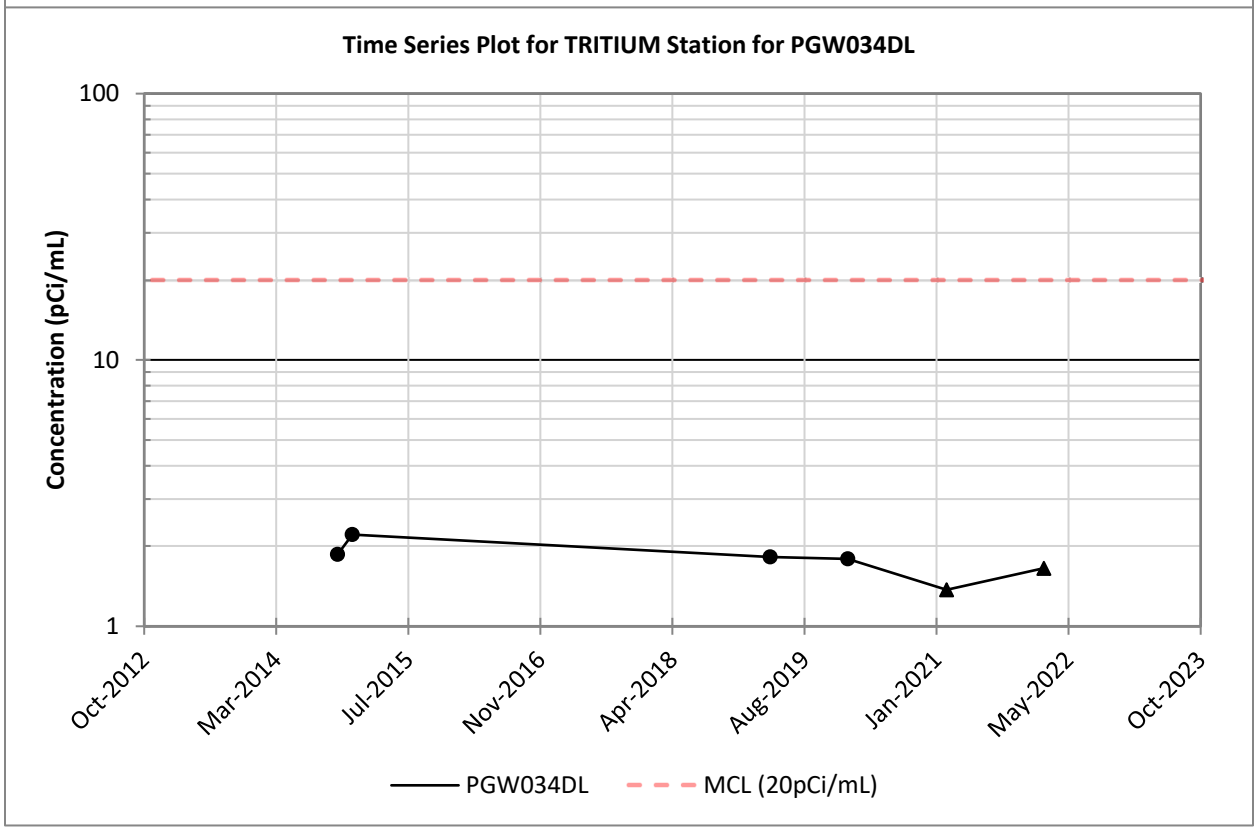

Time Series Plot for TRITIUM for PGW028 Well Cluster
Concentration (pCi/mL)
10000
1000
100
10
1
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW028C
PGW028DU
MCL (20pCi/mL)

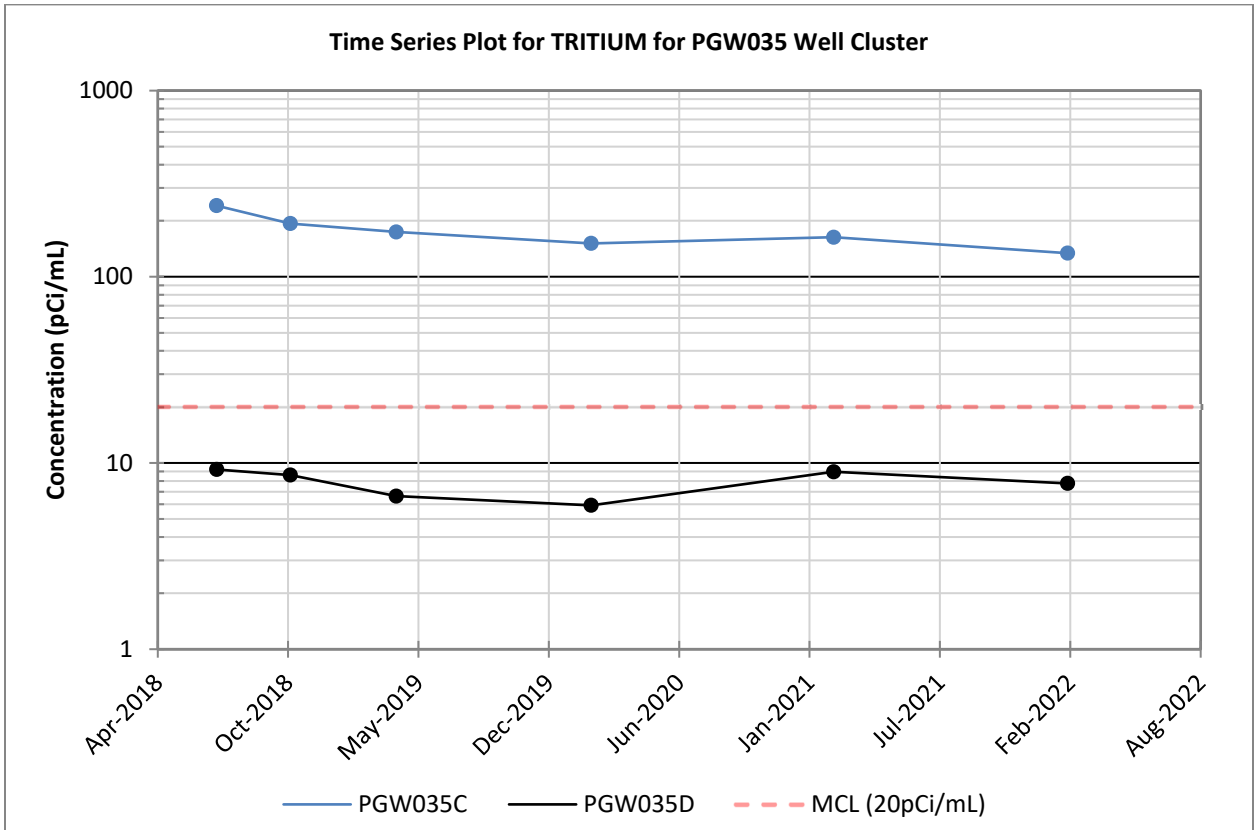

Time Series Plot for TRITIUM for PGW029 Well Cluster
Concentration (pCi/mL)
100
10
1
0.1
0.01
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW029C
PGW029DL
MCL (20pCi/mL)

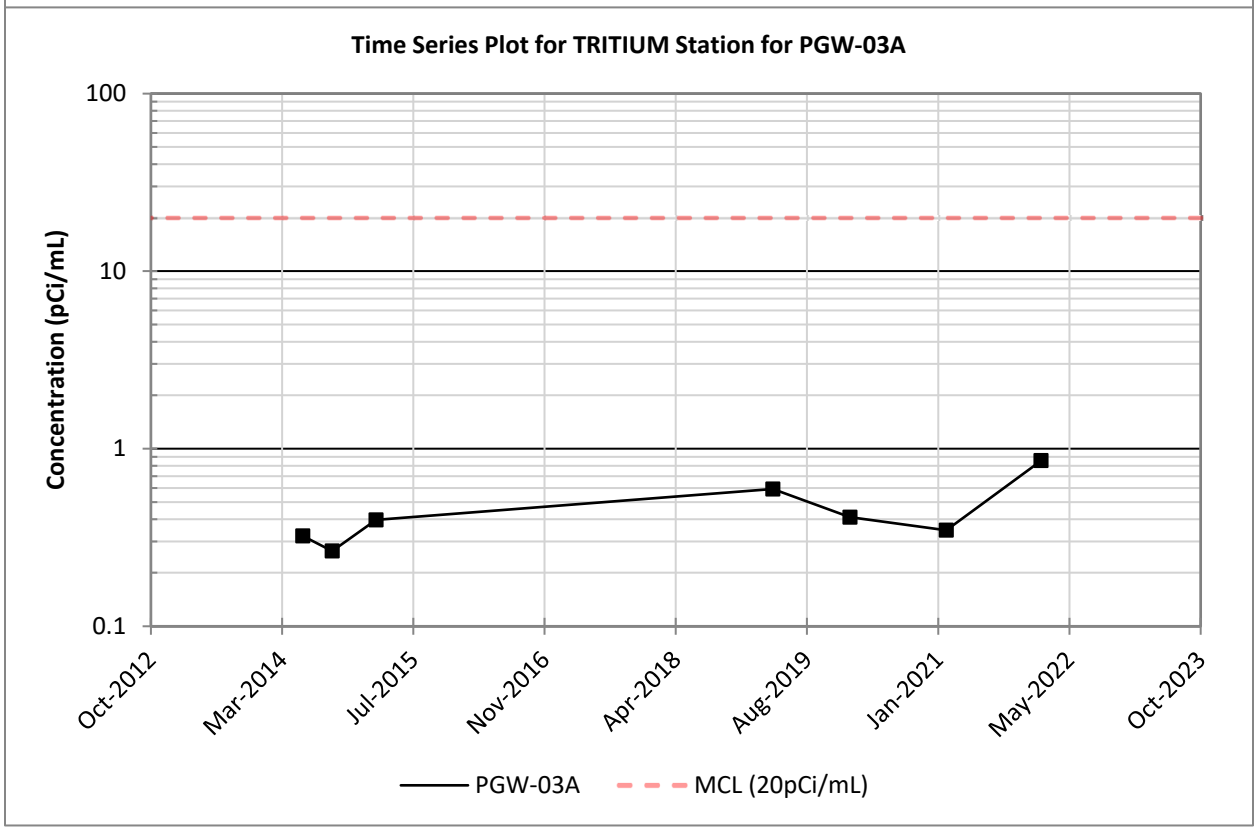

Time Series Plot for TRITIUM for PGW030 Well Cluster
Concentration (pCi/mL)
100
10
1
0.1
0.01
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW030B
PGW030BL
MCL (20pCi/mL)

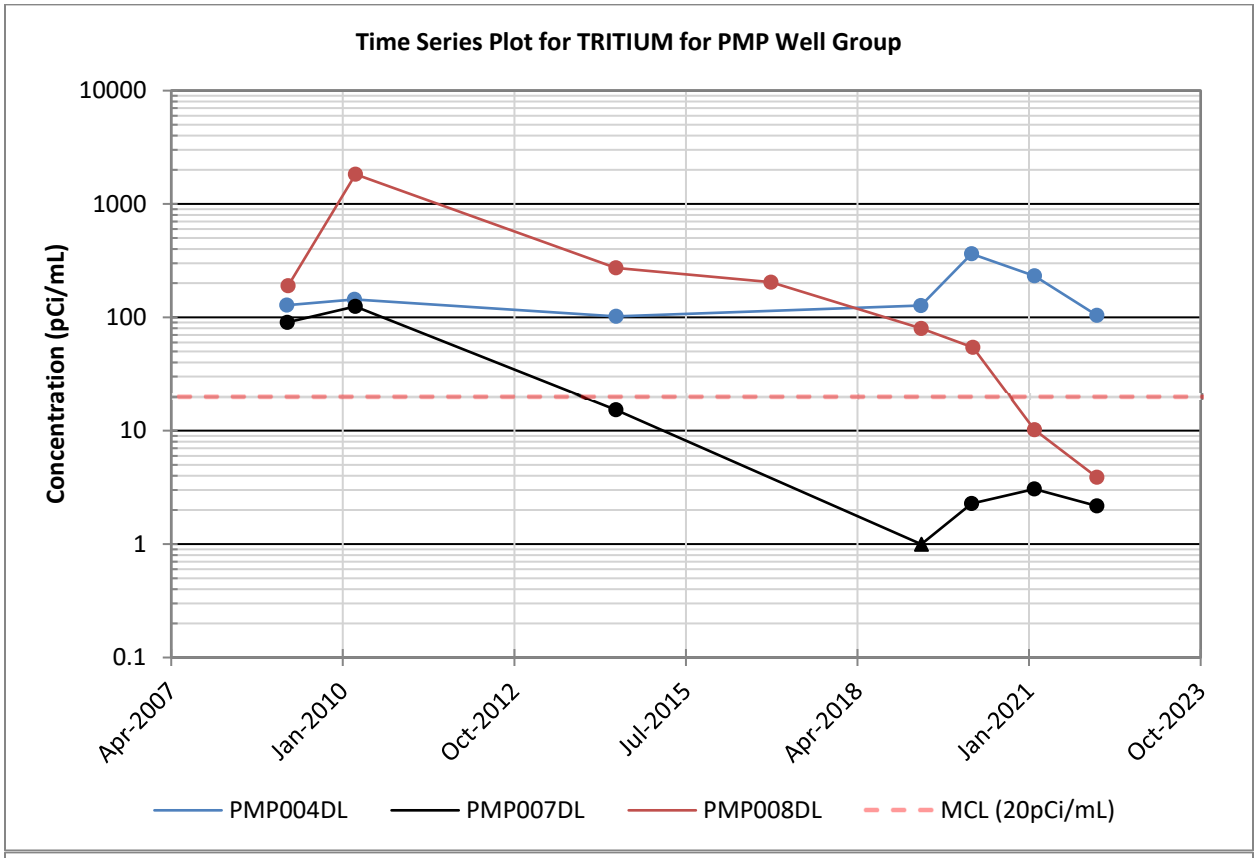

Time Series Plot for TRITIUM for PGW031 Well Cluster
Concentration (pCi/mL)
100
10
1
0.1
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW031B
PGW031C
MCL (20pCi/mL)

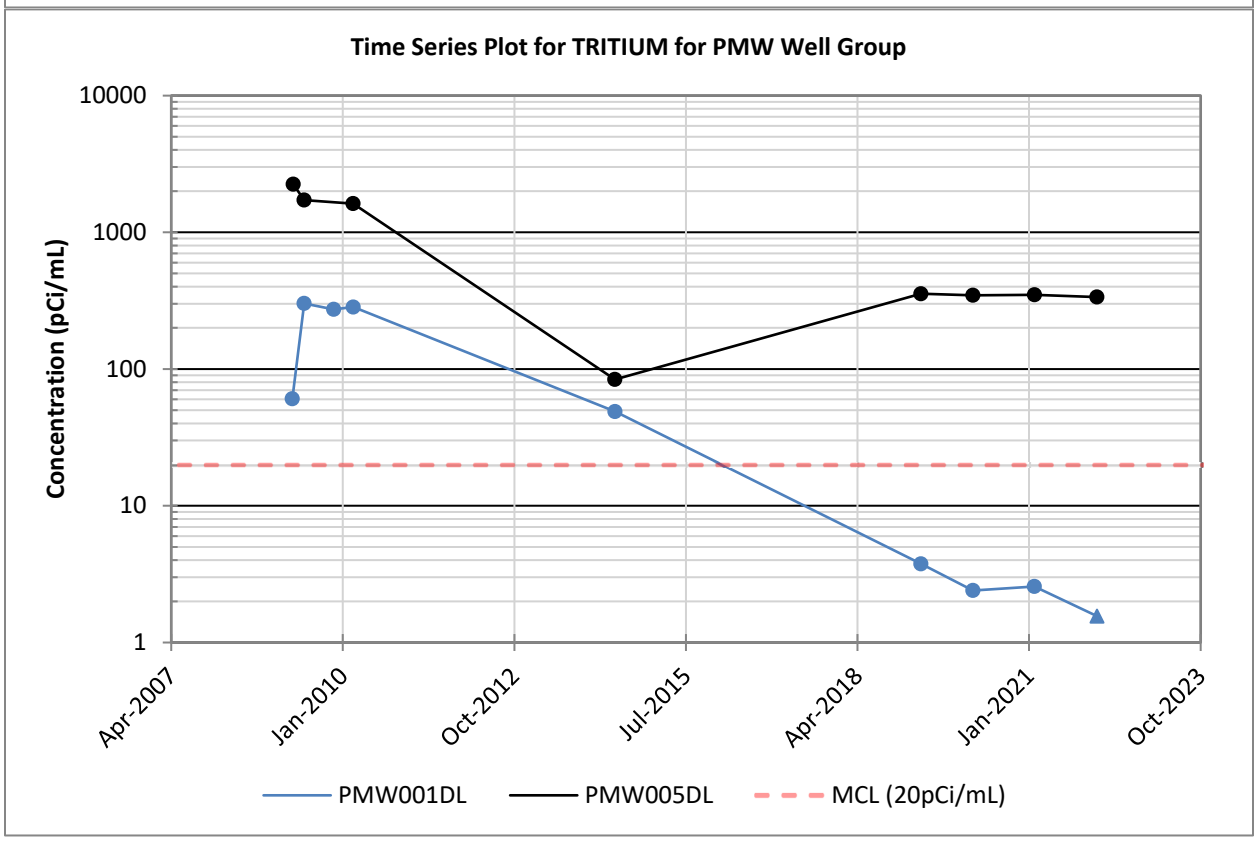

Time Series Plot for TRITIUM Station for PGW033A
Concentration (pCi/mL)
100
10
1
0.1
0.01
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW033A
MCL (20pCi/mL)

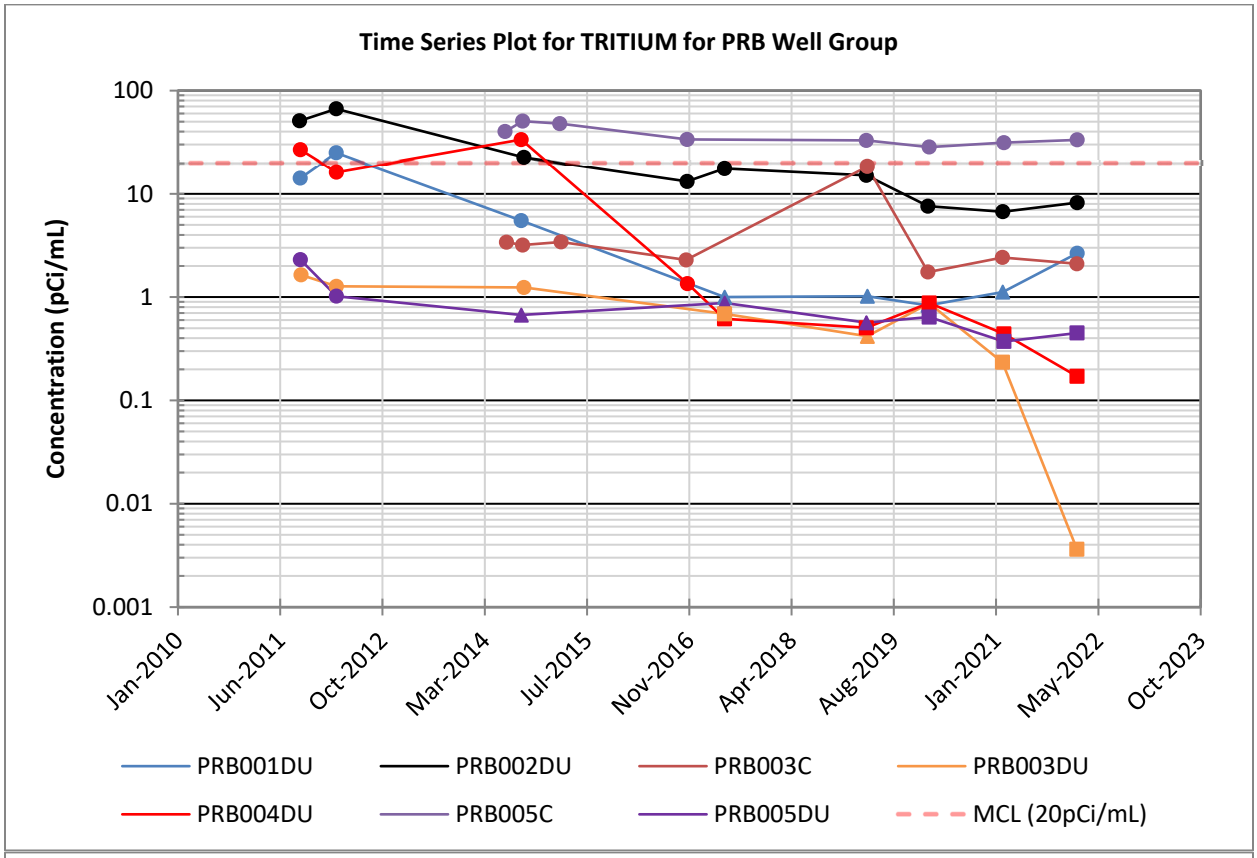

Time Series Plot for TRITIUM Station for PGW034DL
Concentration (pCi/mL)
100
10
1
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW034DL
MCL (20pCi/mL)

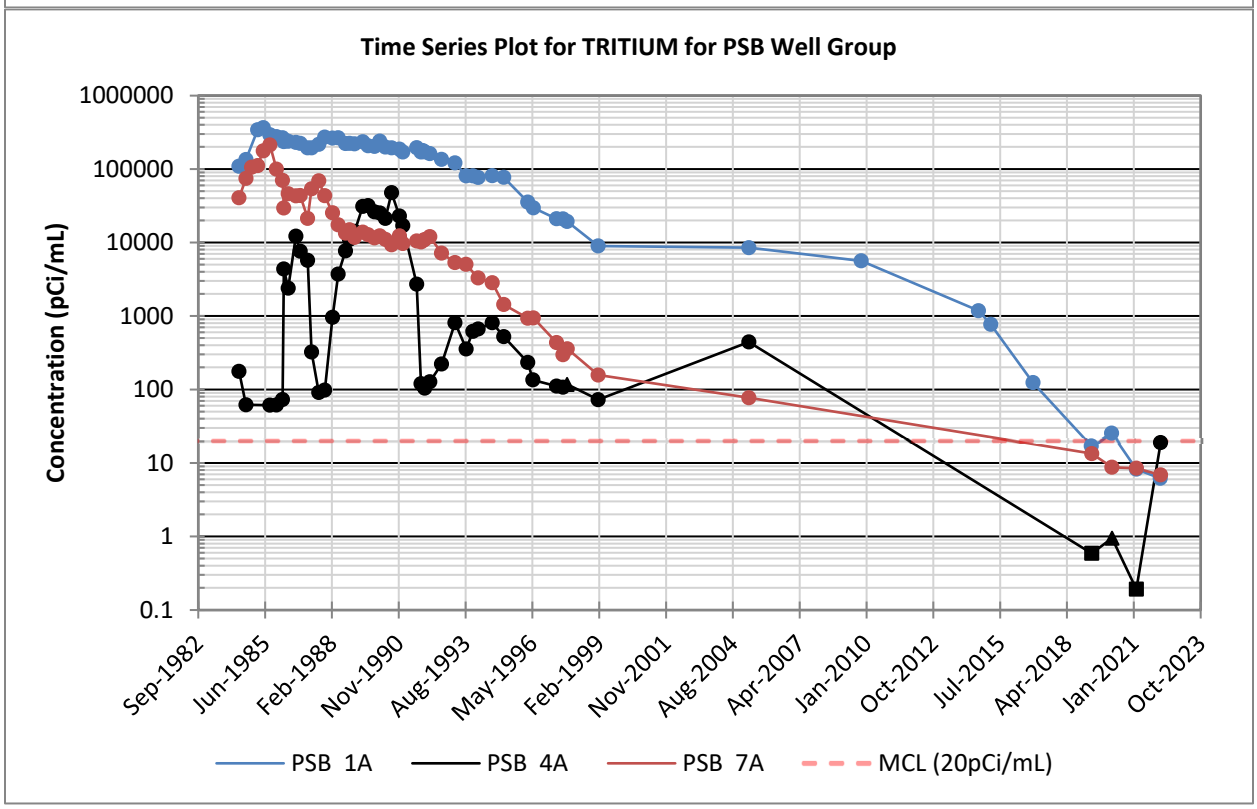

Time Series Plot for TRITIUM for PGW035 Well Cluster
Concentration (pCi/mL)
1000
100
10
1
Apr-2018
Oct-2018
May-2019
Dec-2019
Jun-2020
Jan-2021
Jul-2021
Feb-2022
Aug-2022
PGW035C
PGW035D
MCL (20pCi/mL)

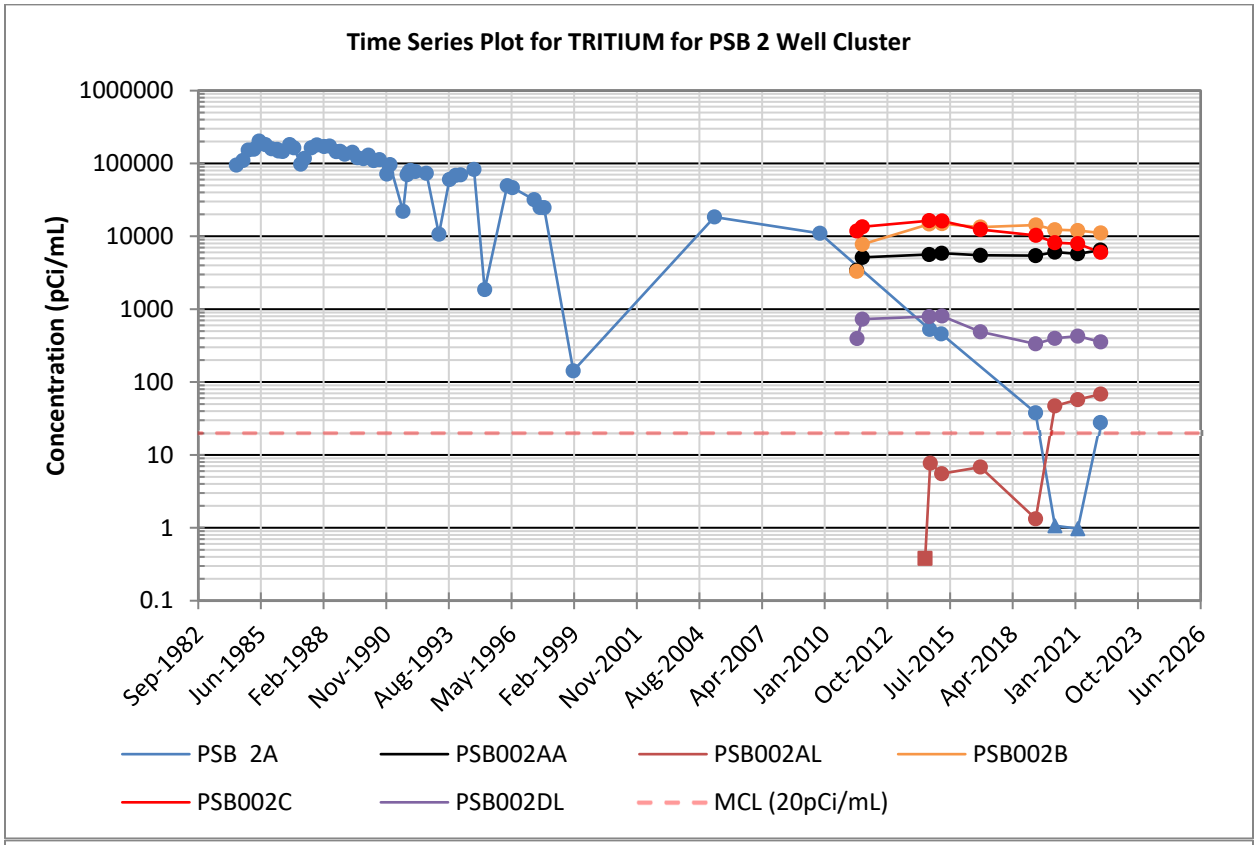

Time Series Plot for TRITIUM Station for PGW-03A
Concentration (pCi/mL)
100
10
1
0.1
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW-03A
MCL (20pCi/mL)

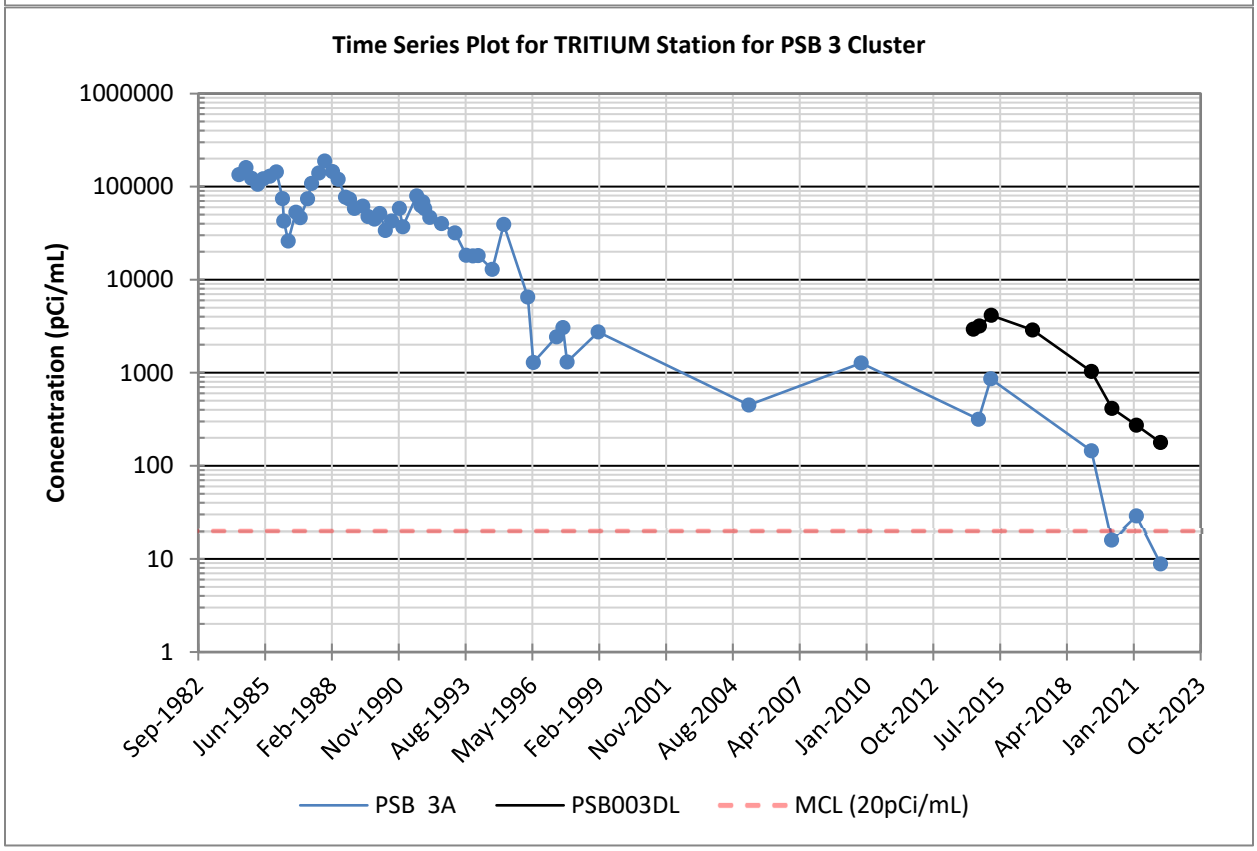

Time Series Plot for TRITIUM for PMP Well Group
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
Apr-2007
Jan-2010
Oct-2012
Jul-2015
Apr-2018
Jan-2021
Oct-2023
PMP004DL
PMP007DL
PMP008DL
MCL (20pCi/mL)

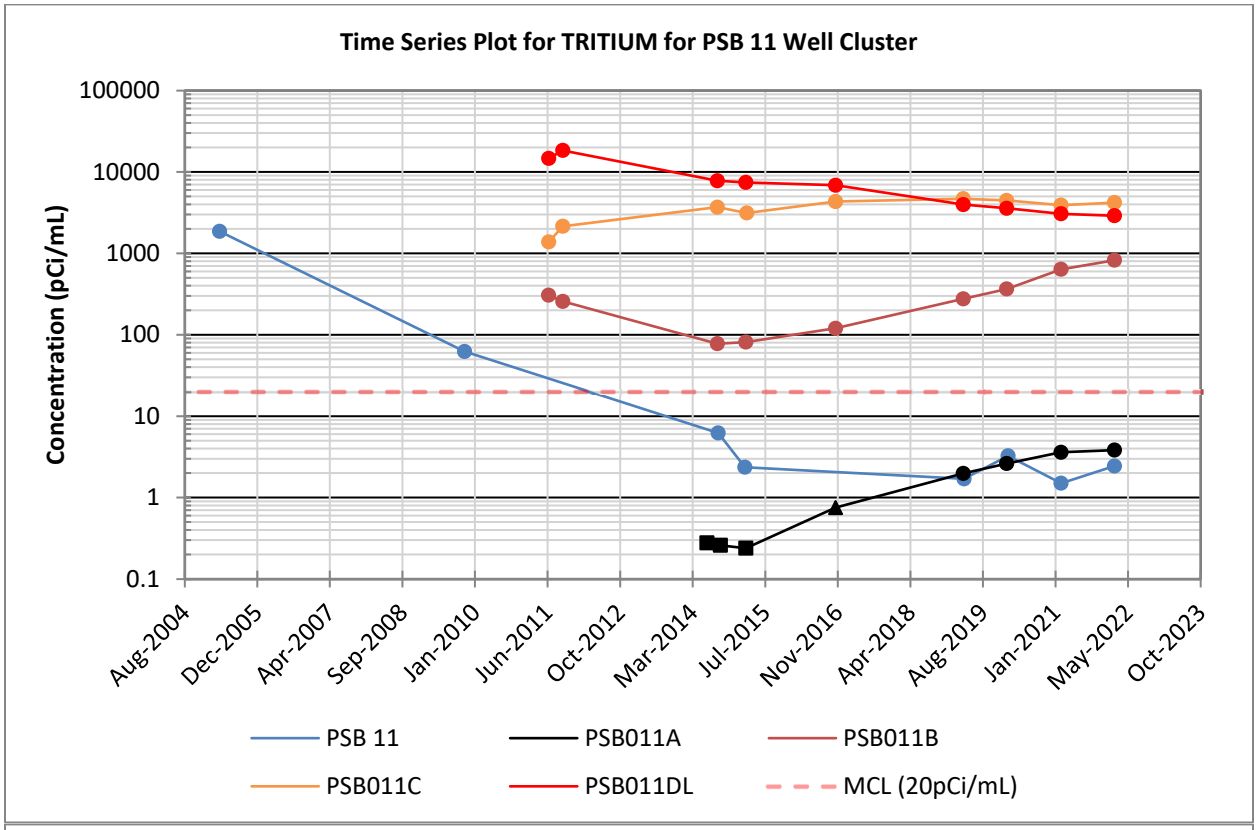

Time Series Plot for TRITIUM for PMW Well Group
Concentration (pCi/mL)
10000
1000
100
10
1
Apr-2007
Jan-2010
Oct-2012
Jul-2015
Apr-2018
Jan-2021
Oct-2023
PMW001DL
PMW005DL
MCL (20pCi/mL)

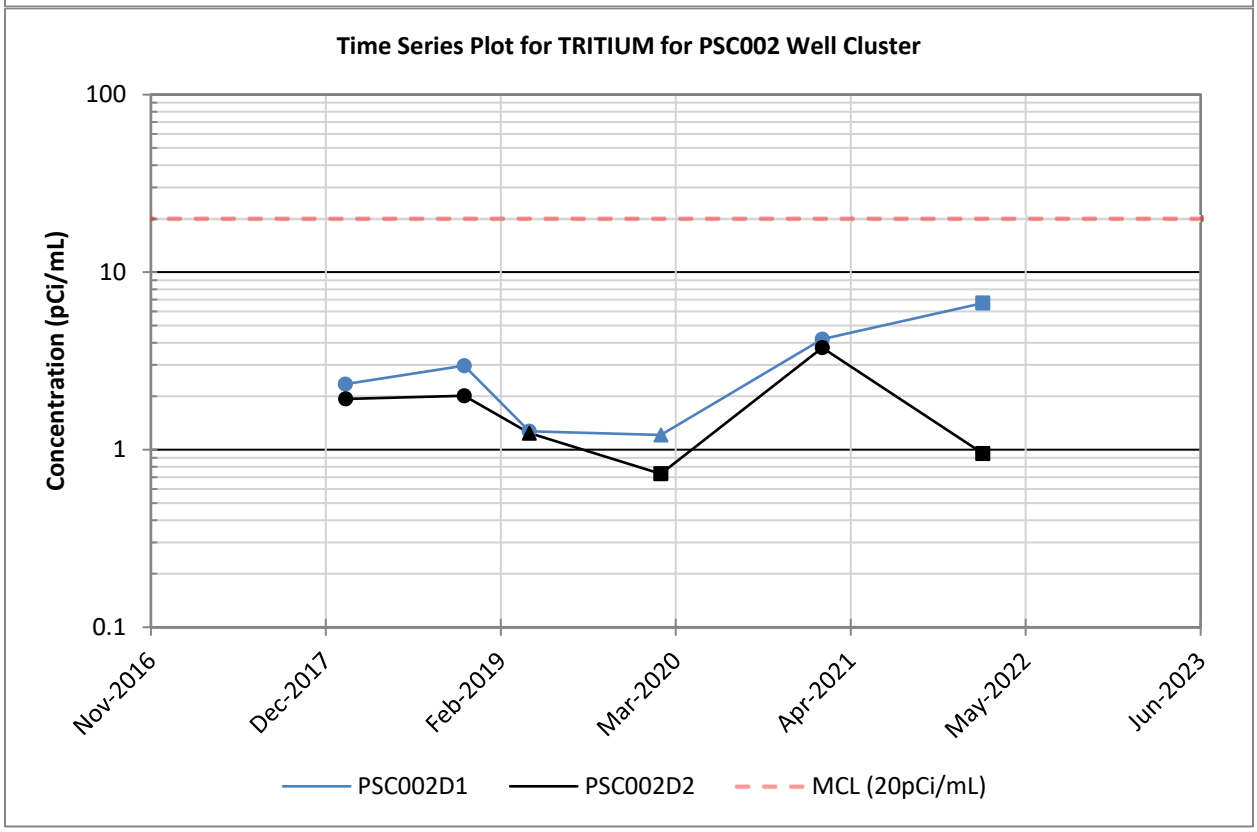

Time Series Plot for TRITIUM for PRB Well Group
Concentration (pCi/mL)
100
10
1
0.1
0.01
0.001
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PRB001DU
PRB002DU
PRB003C
PRB003DU
PRB004DU
PRB005C
PRB005DU
MCL (20pCi/mL)

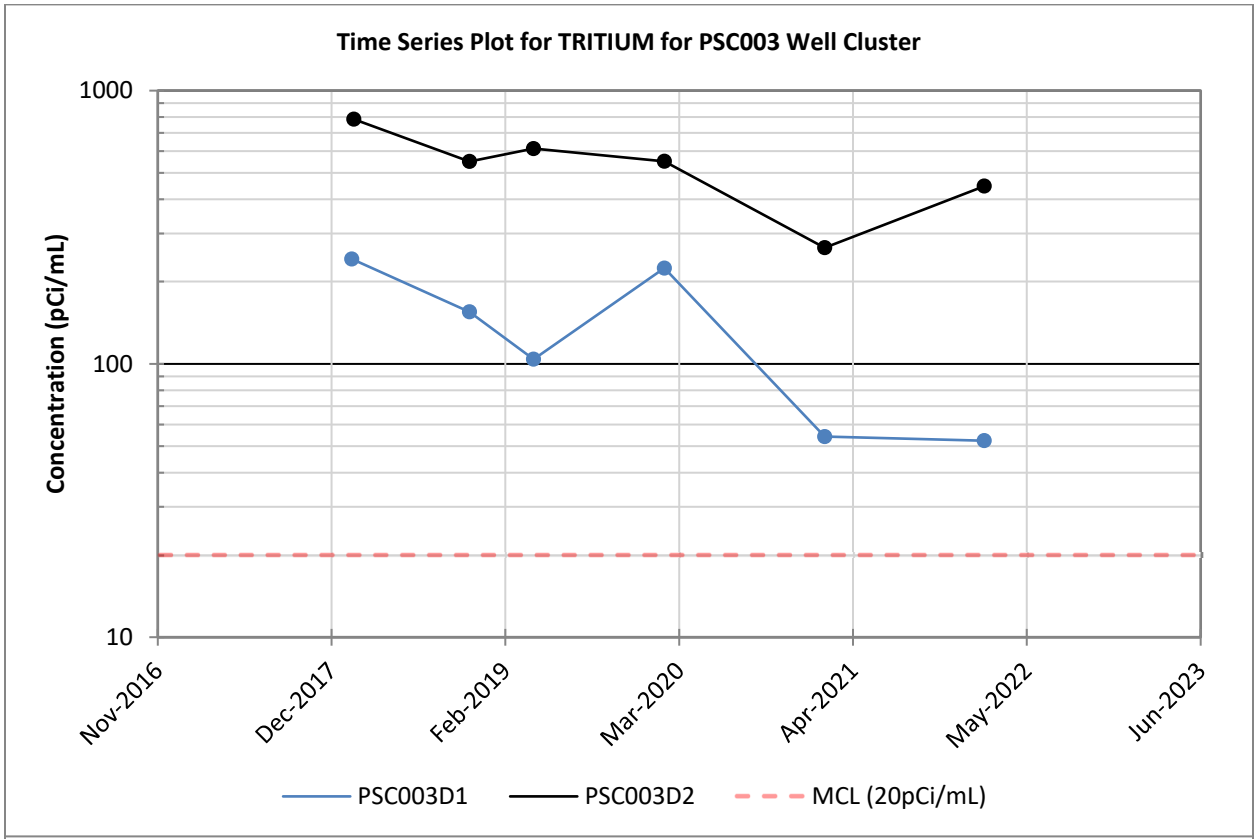

Time Series Plot for TRITIUM for PSB Well Group
Concentration (pCi/mL)
1000000
100000
10000
1000
100
10
1
0.1
Sep-1982
Jun-1985
Feb-1988
Nov-1990
Aug-1993
May-1996
Feb-1999
Nov-2001
Aug-2004
Apr-2007
Jan-2010
Oct-2012
Jul-2015
Apr-2018
Jan-2021
Oct-2023
PSB 1A
PSB 4A
PSB 7A
MCL (20pCi/mL)

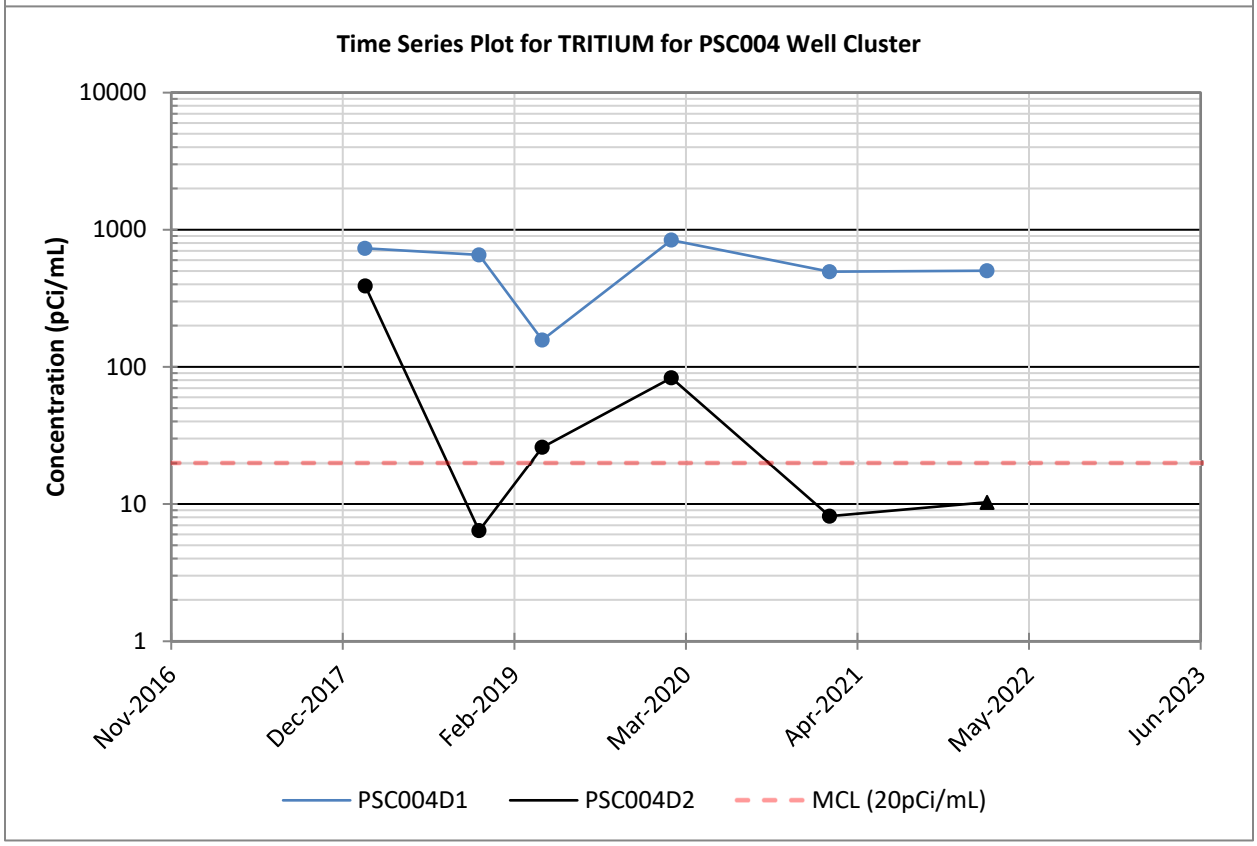

Time Series Plot for TRITIUM for PSB 2 Well Cluster
Concentration (pCi/mL)
1000000
100000
10000
1000
100
10
1
0.1
Sep-1982
Jun-1985
Feb-1988
Nov-1990
Aug-1993
May-1996
Feb-1999
Nov-2001
Aug-2004
Apr-2007
Jan-2010
Oct-2012
Jul-2015
Apr-2018
Jan-2021
Oct-2023
Jun-2026
PSB 2A
PSB002AA
PSB002AL
PSB002B
PSB002C
PSB002DL
MCL (20pCi/mL)

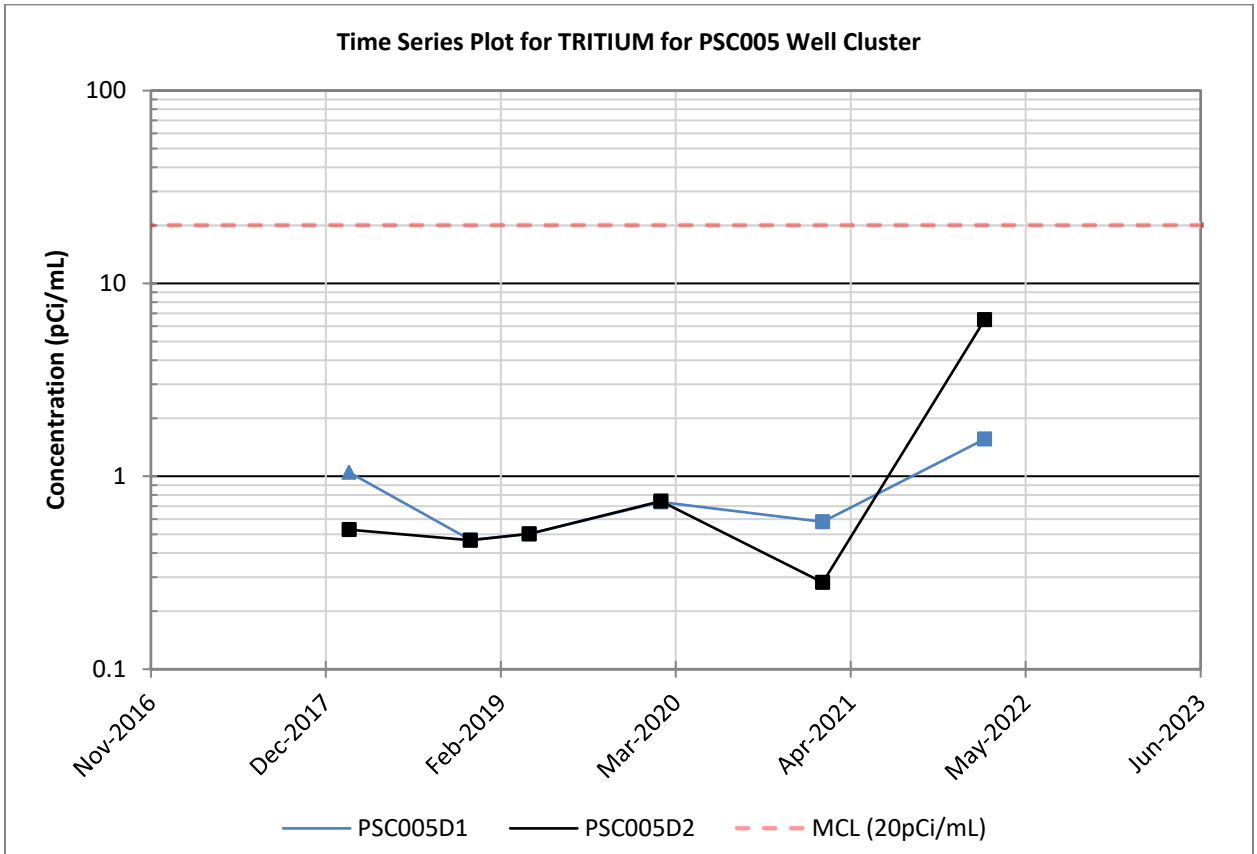

Time Series Plot for TRITIUM Station for PSB 3 Cluster
Concentration (pCi/mL)
1000000
100000
10000
1000
100
10
1
Sep-1982
Jun-1985
Feb-1988
Nov-1990
Aug-1993
May-1996
Feb-1999
Nov-2001
Aug-2004
Apr-2007
Jan-2010
Oct-2012
Jul-2015
Apr-2018
Jan-2021
Oct-2023
PSB 3A
PSB003DL
MCL (20pCi/mL)

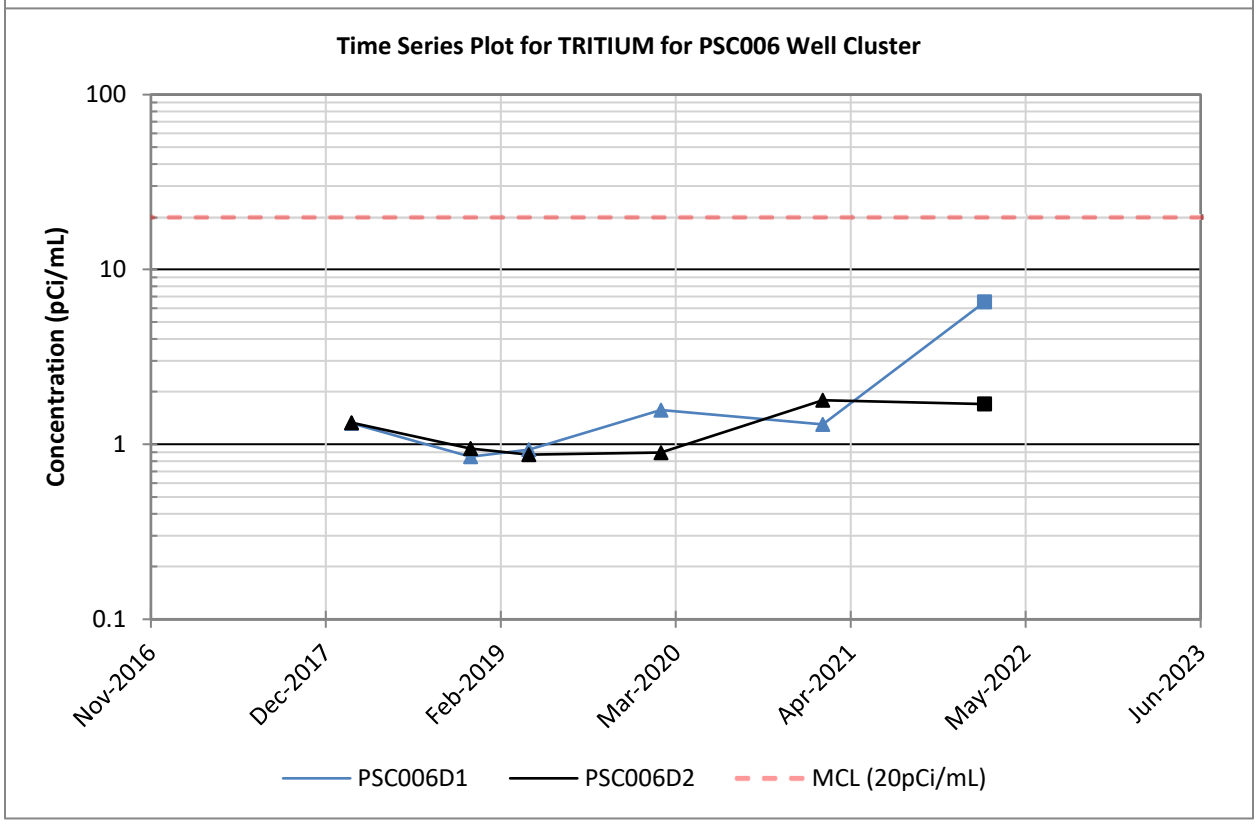

Time Series Plot for TRITIUM for PSB 11 Well Cluster
Concentration (pCi/mL)
100000
10000
1000
100
10
1
0.1
Aug-2004
Dec-2005
Apr-2007
Sep-2008
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PSB 11
PSB011A
PSB011B
PSB011C
PSB011DL
MCL (20pCi/mL)

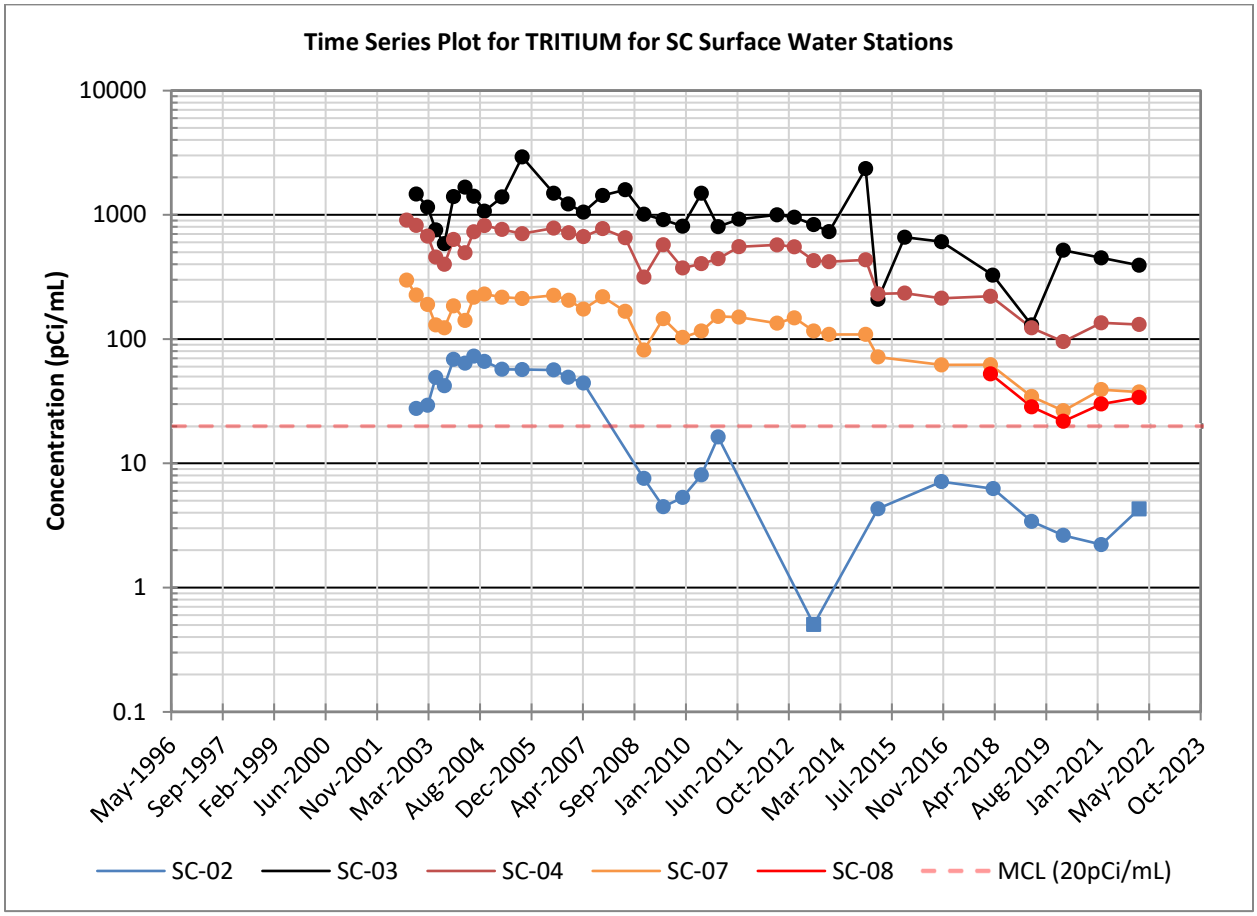

Time Series Plot for TRITIUM for PSC002 Well Cluster
Concentration (pCi/mL)
100
10
1
0.1
Nov-2016
Dec-2017
Feb-2019
Mar-2020
Apr-2021
May-2022
Jun-2023
PSC002D1
PSC002D2
MCL (20pCi/mL)


Time Series Plot for TRITIUM for PSC003 Well Cluster
Concentration (pCi/mL)
1000
100
10
Nov-2016
Dec-2017
Feb-2019
Mar-2020
Apr-2021
May-2022
Jun-2023
PSC003D1
PSC003D2
MCL (20pCi/mL)


Time Series Plot for TRITIUM for PSC004 Well Cluster
Concentration (pCi/mL)
10000
1000
100
10
1
Nov-2016
Dec-2017
Feb-2019
Mar-2020
Apr-2021
May-2022
Jun-2023
PSC004D1
PSC004D2
MCL (20pCi/mL)


Time Series Plot for TRITIUM for PSC005 Well Cluster
Concentration (pCi/mL)
100
10
1
0.1
Nov-2016
Dec-2017
Feb-2019
Mar-2020
Apr-2021
May-2022
Jun-2023
PSC005D1
PSC005D2
MCL (20pCi/mL)


Time Series Plot for TRITIUM for PSC006 Well Cluster
Concentration (pCi/mL)
100
10
1
0.1
Nov-2016
Dec-2017
Feb-2019
Mar-2020
Apr-2021
May-2022
Jun-2023
PSC006D1
PSC006D2
MCL (20pCi/mL)

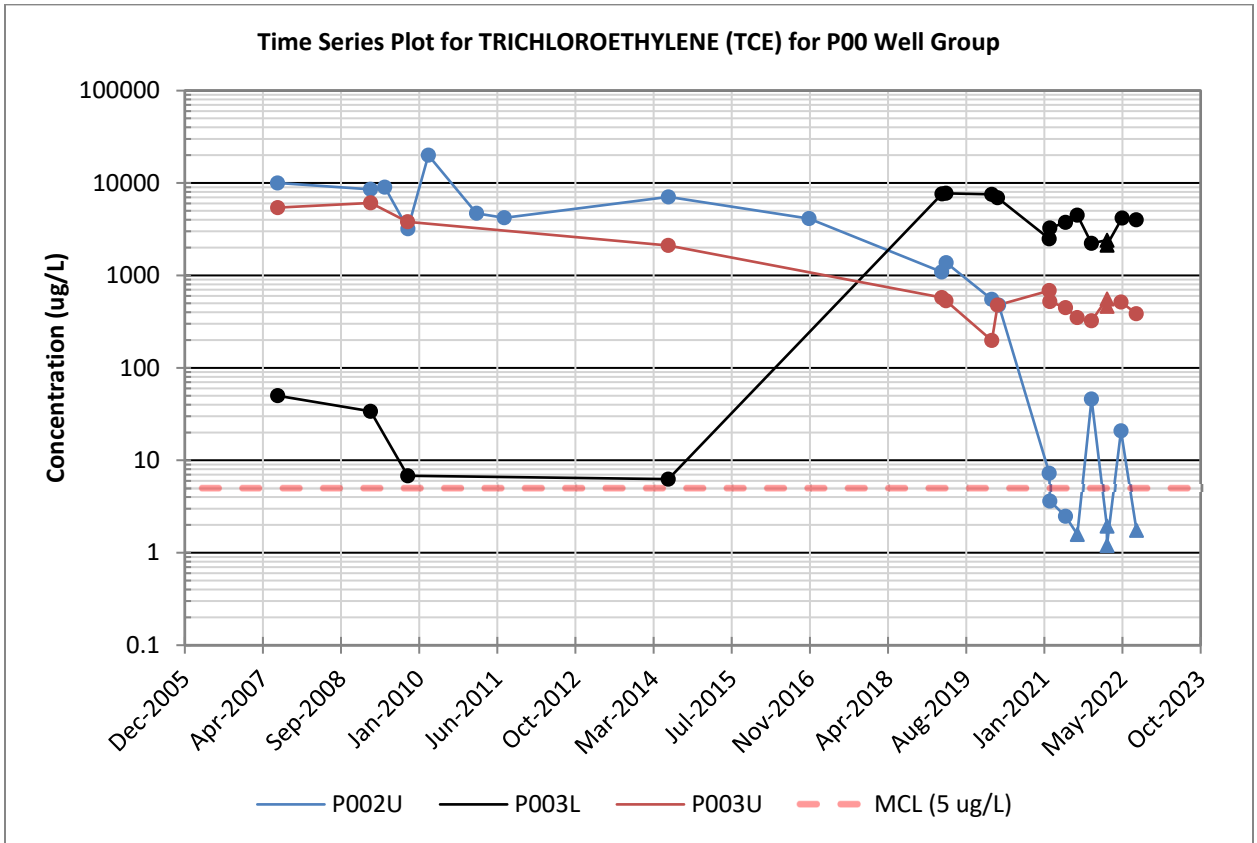

Time Series Plot for TRITIUM for SC Surface Water Stations
Concentration (pCi/mL)
10000
1000
100
10
1
0.1
May-1996
Sep-1997
Feb-1999
Jun-2000
Nov-2001
Mar-2003
Aug-2004
Dec-2005
Apr-2007
Sep-2008
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
SC-02
SC-03
SC-04
SC-07
SC-08
MCL (20pCi/mL)

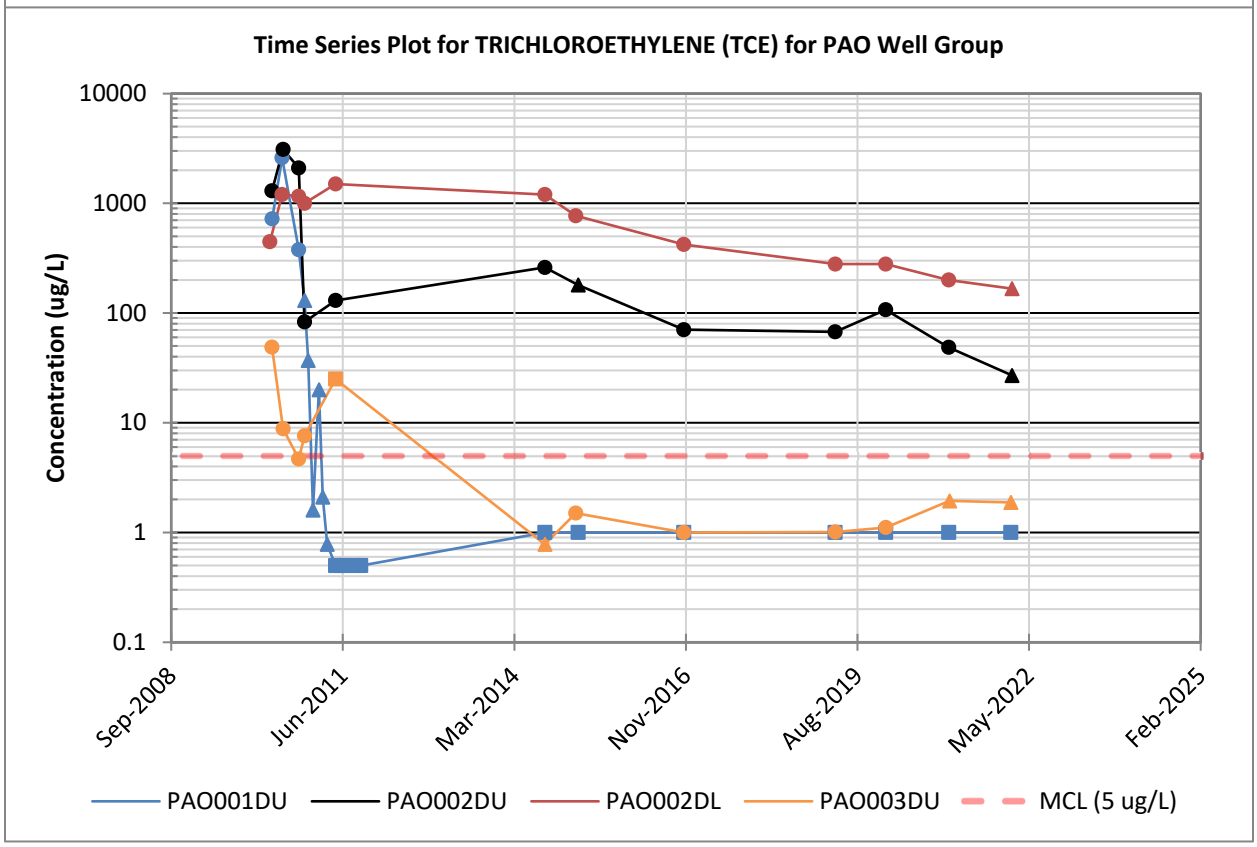
APPENDIX C.2

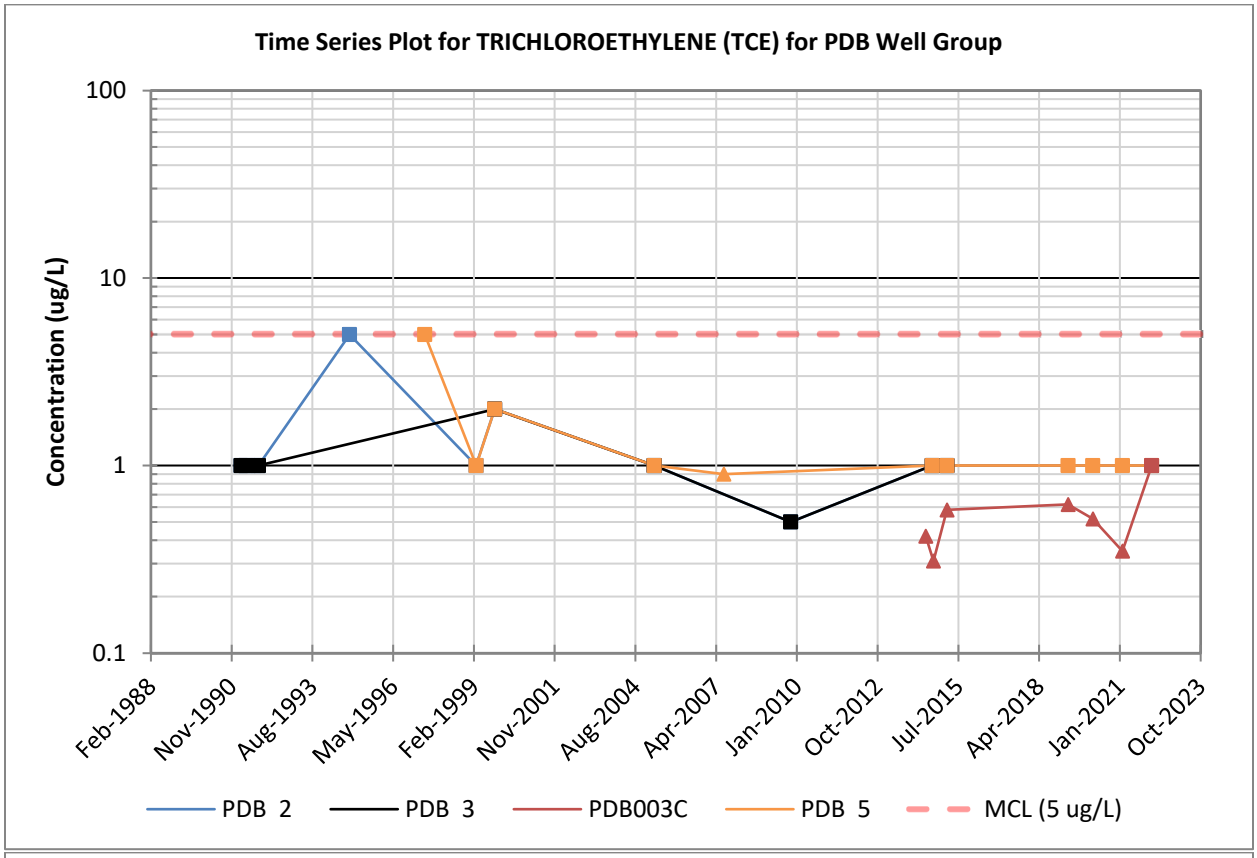
TRICHLOROETHYLENE TIME-SERIES PLOTS

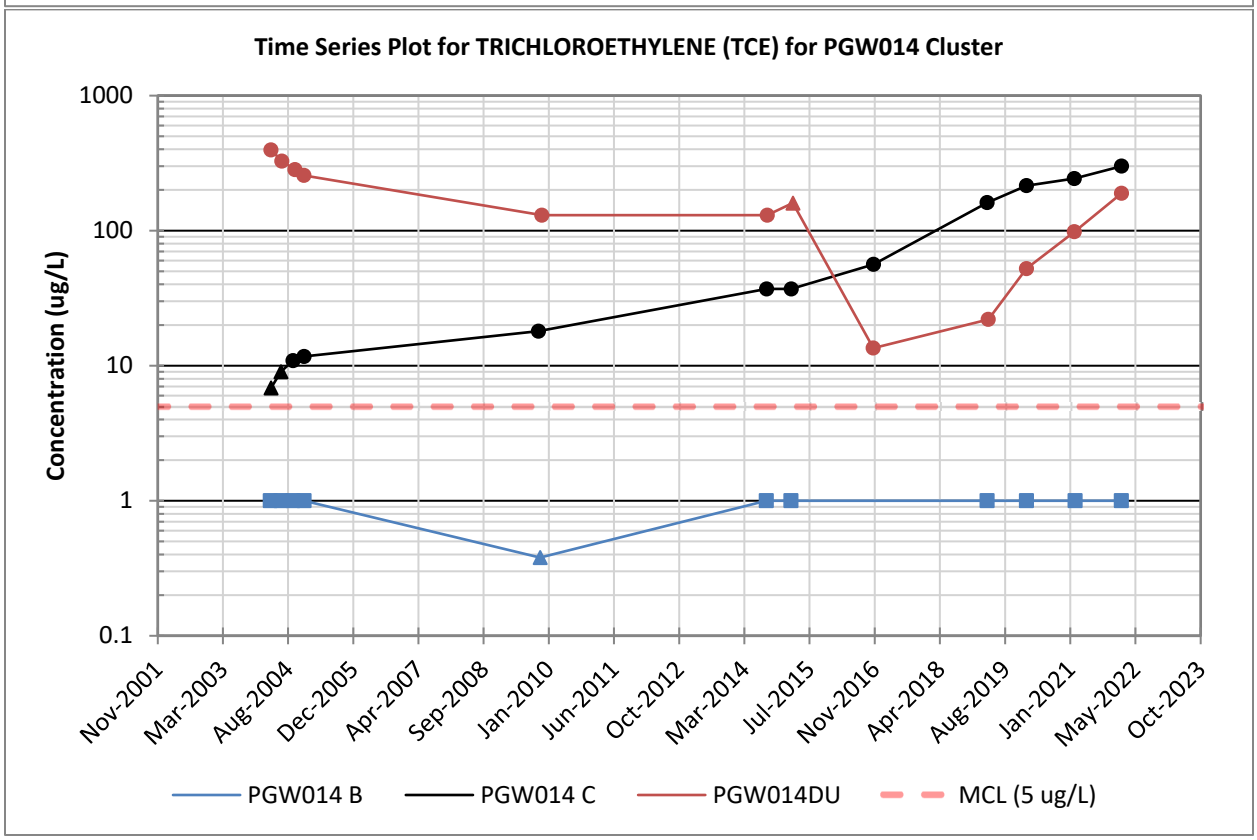
For all time-series plots, samples qualified J have triangle markers, samples qualified U or UJ have square markers, and samples with no qualifier have circle markers.

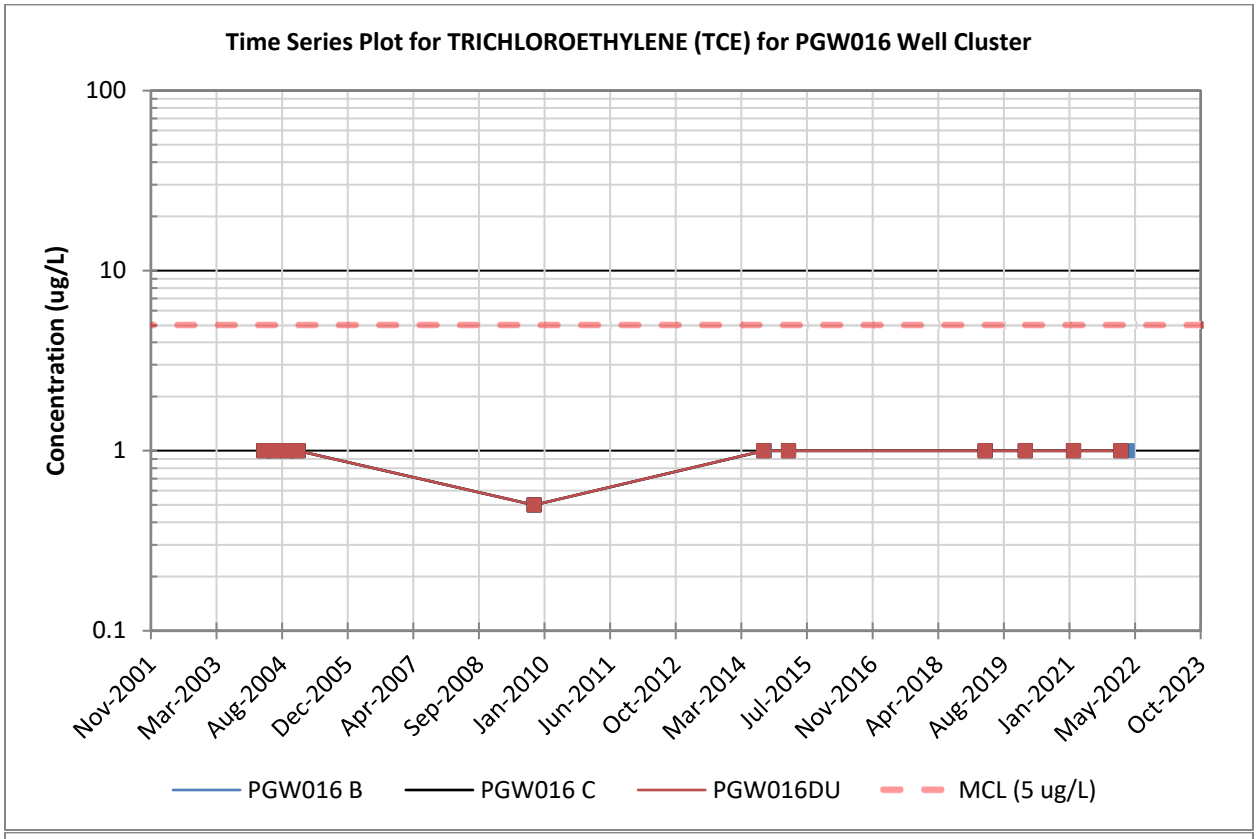
This page intentionally left blank.

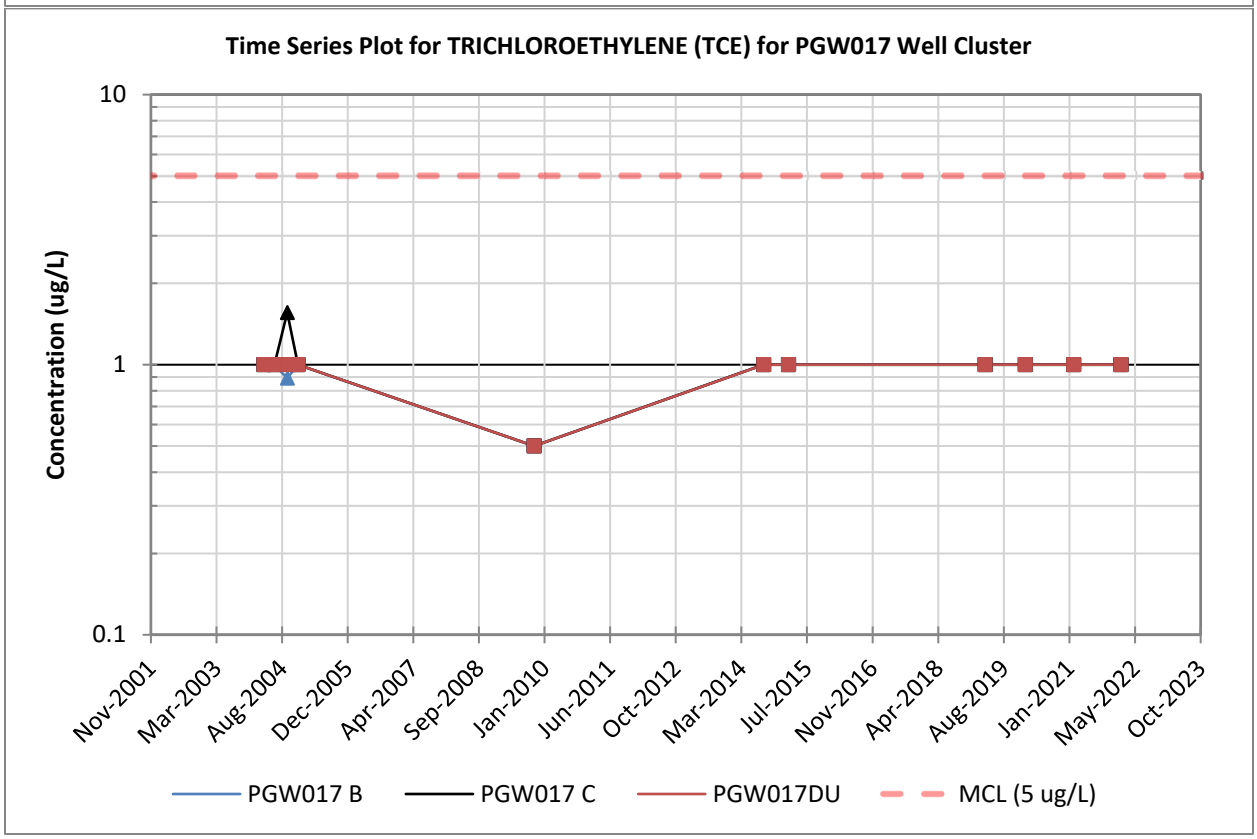

Time Series Plot for TRICHLOROETHYLENE (TCE) for P00 Well Group
Concentration (ug/L)
100000
10000
1000
100
10
1
0.1
Dec-2005
Apr-2007
Sep-2008
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
P002U
P003L
P003U
MCL (5 ug/L)

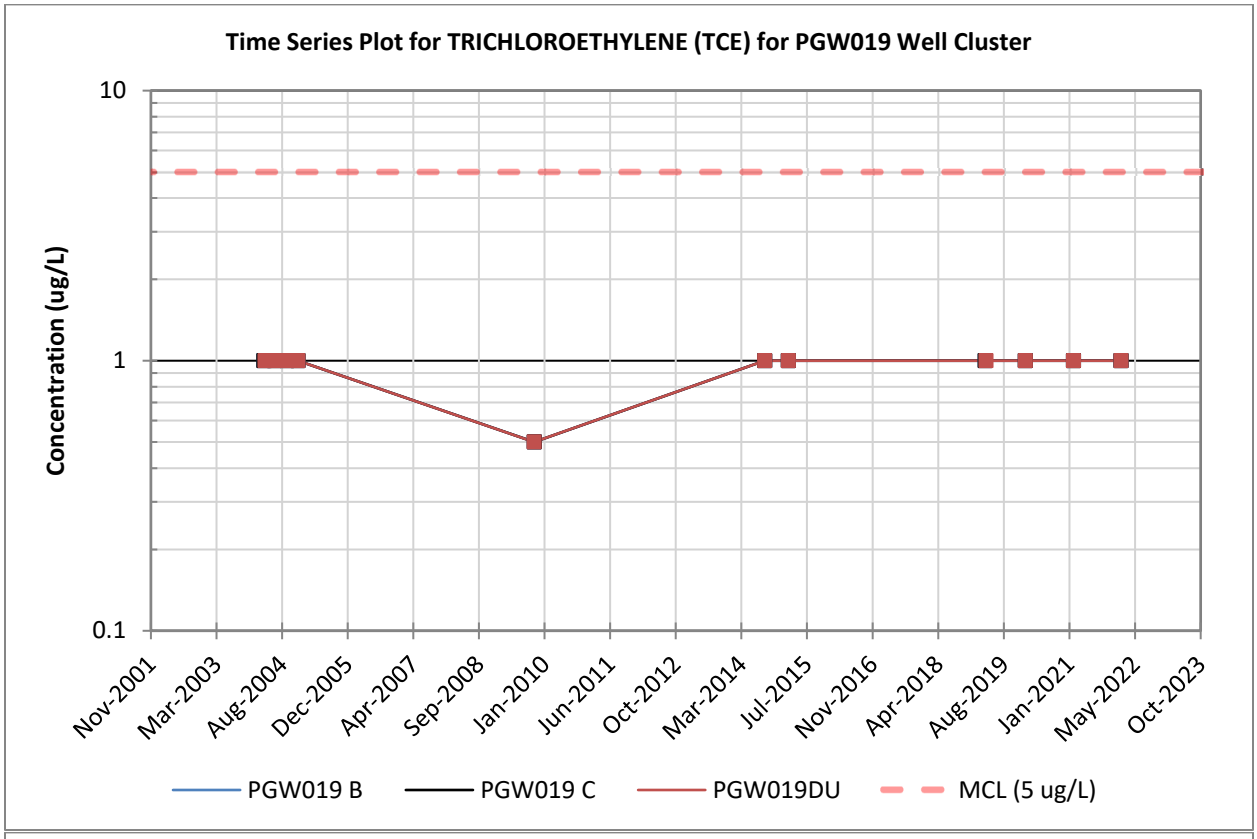

Time Series Plot for TRICHLOROETHYLENE (TCE) for PAO Well Group
Concentration (ug/L)
10000
1000
100
10
1
0.1
Sep-2008
Jun-2011
Mar-2014
Nov-2016
Aug-2019
May-2022
Feb-2025
PAO001DU
PAO002DU
PAO002DL
PAO003DU
MCL (5 ug/L)

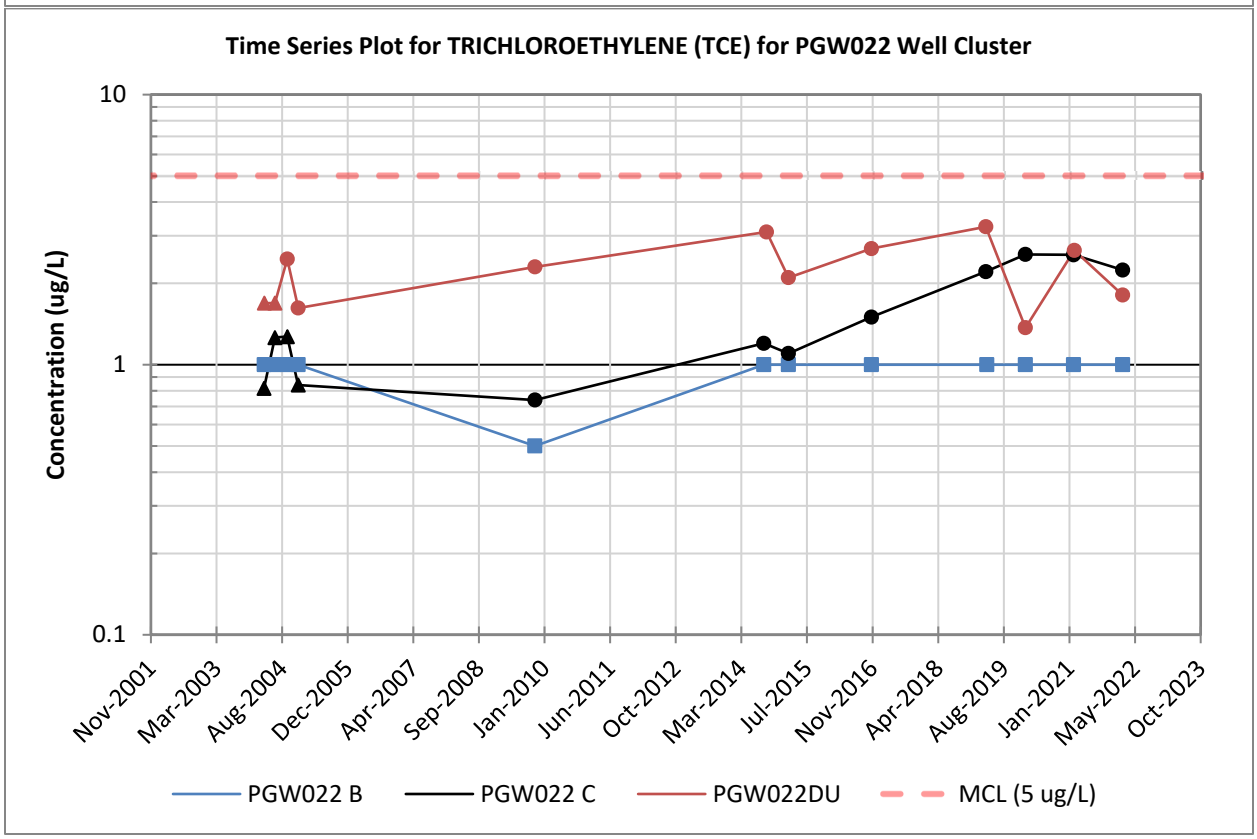

Time Series Plot for TRICHLOROETHYLENE (TCE) for PDB Well Group
Concentration (ug/L)
100
10
1
0.1
Feb-1988
Nov-1990
Aug-1993
May-1996
Feb-1999
Nov-2001
Aug-2004
Apr-2007
Jan-2010
Oct-2012
Jul-2015
Apr-2018
Jan-2021
Oct-2023
PDB 2
PDB 3
PDB003C
PDB 5
MCL (5 ug/L)

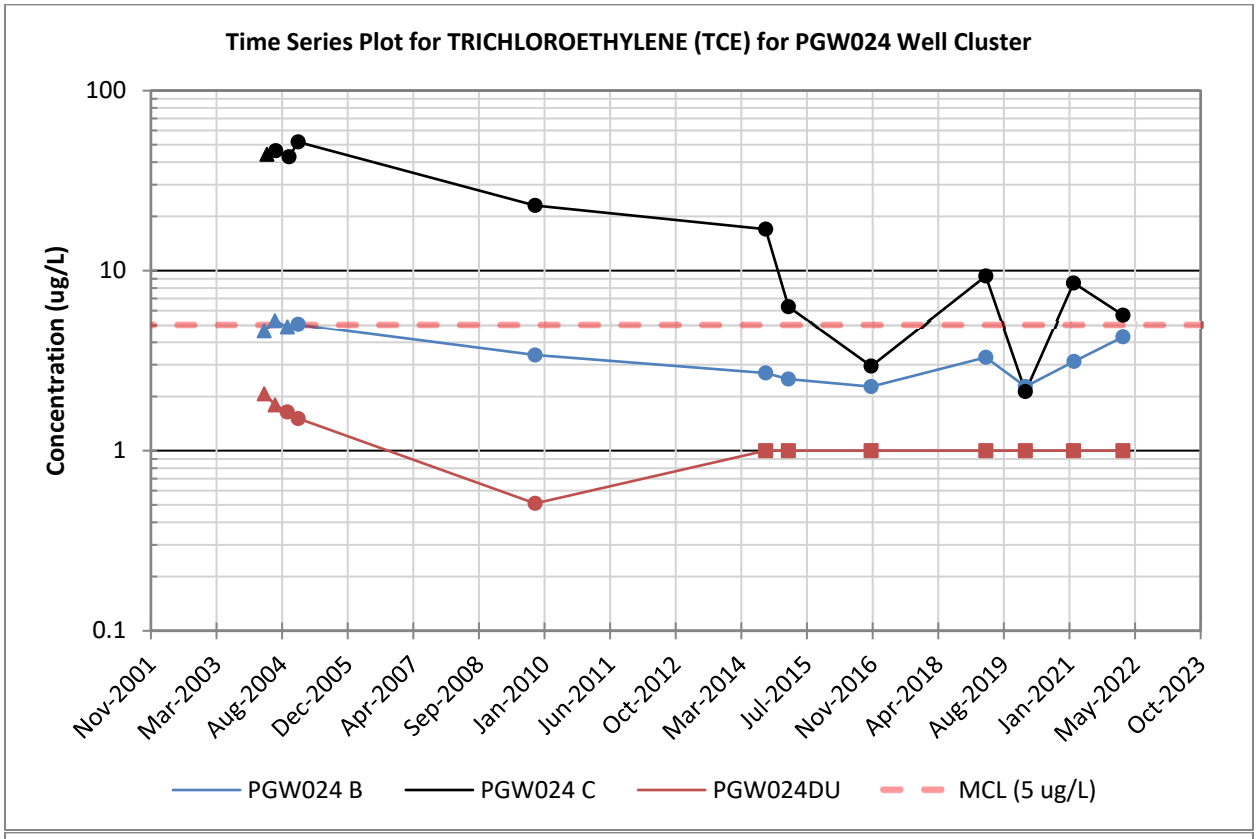

Time Series Plot for TRICHLOROETHYLENE (TCE) for PGW014 Cluster
Concentration (ug/L)
1000
100
10
1
0.1
Nov-2001
Mar-2003
Aug-2004
Dec-2005
Apr-2007
Sep-2008
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW014 B
PGW014 C
PGW014DU
MCL (5 ug/L)

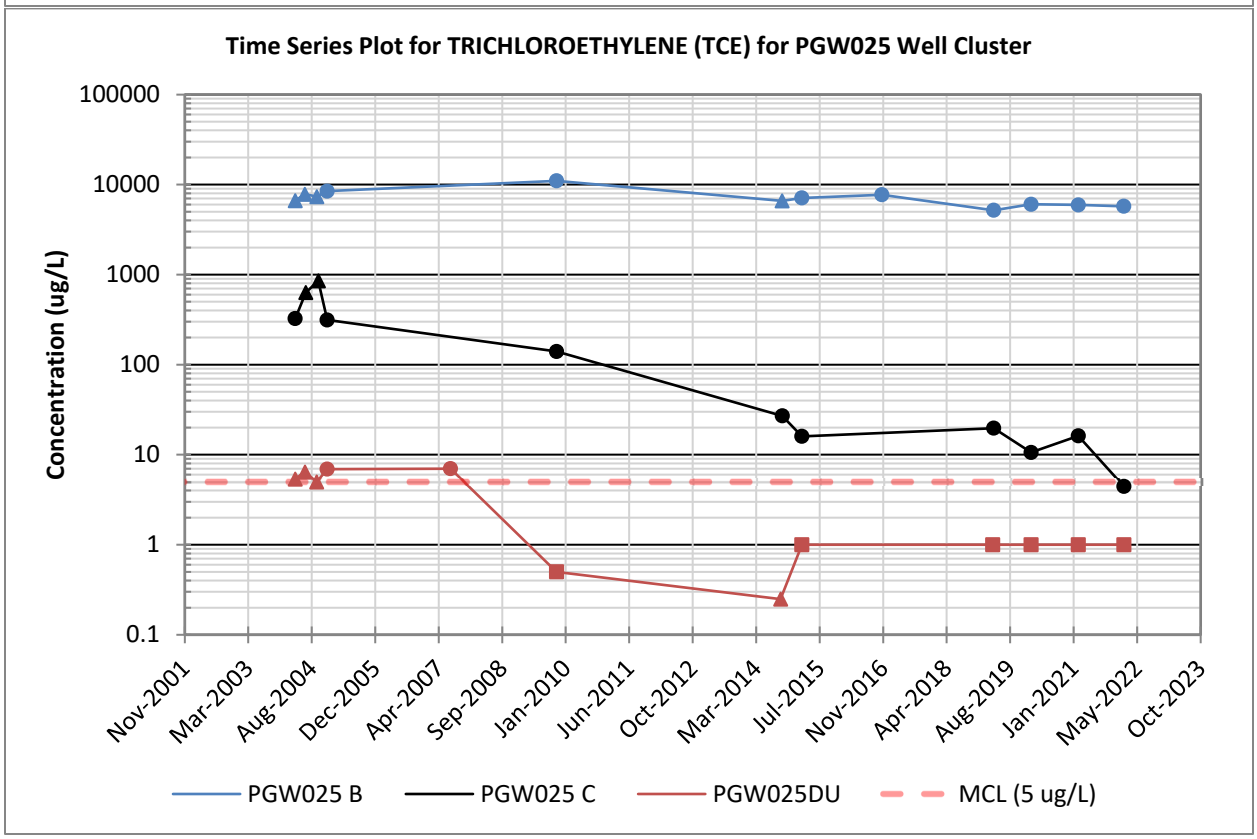

Time Series Plot for TRICHLOROETHYLENE (TCE) for PGW016 Well Cluster
Concentration (ug/L)
100
10
1
0.1
Nov-2001
Mar-2003
Aug-2004
Dec-2005
Apr-2007
Sep-2008
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW016 B
PGW016 C
PGW016DU
MCL (5 ug/L)

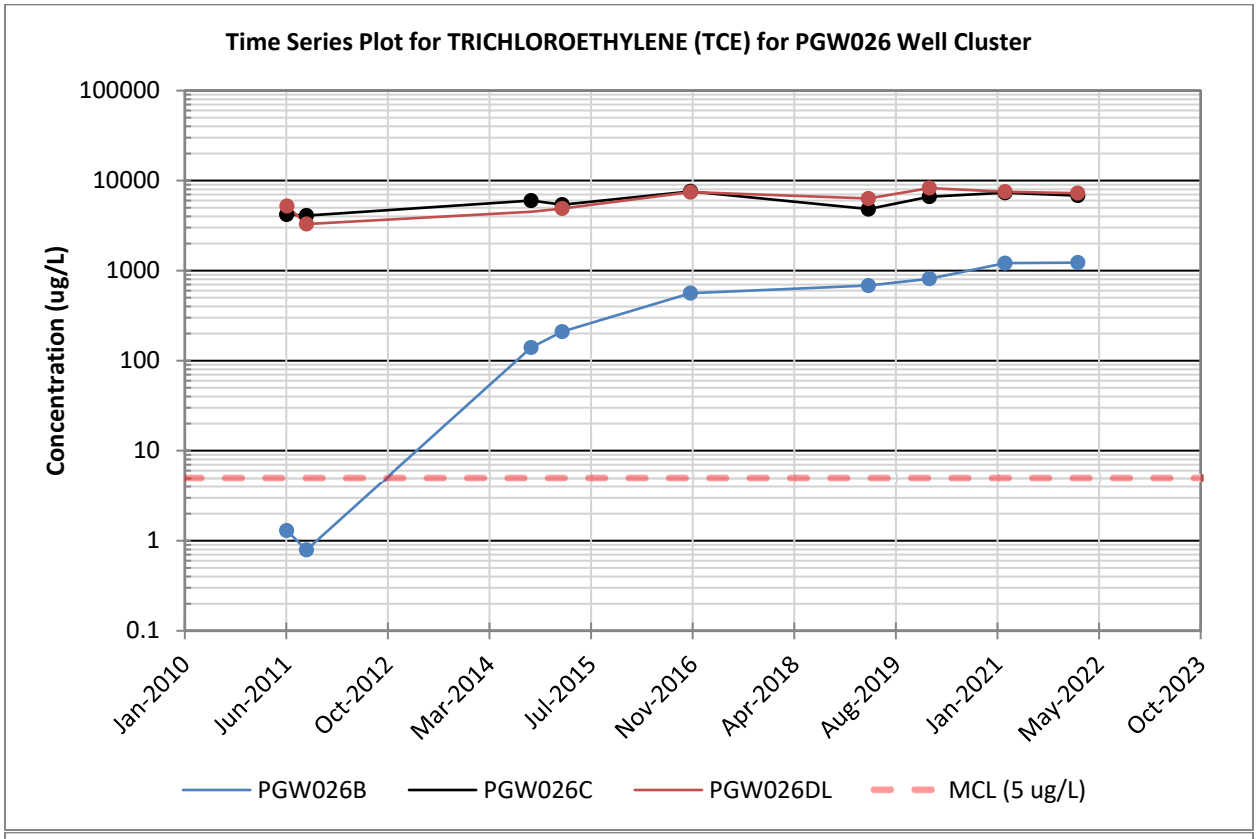

Time Series Plot for TRICHLOROETHYLENE (TCE) for PGW017 Well Cluster
Concentration (ug/L)
10
1
0.1
Nov-2001
Mar-2003
Aug-2004
Dec-2005
Apr-2007
Sep-2008
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW017 B
PGW017 C
PGW017DU
MCL (5 ug/L)

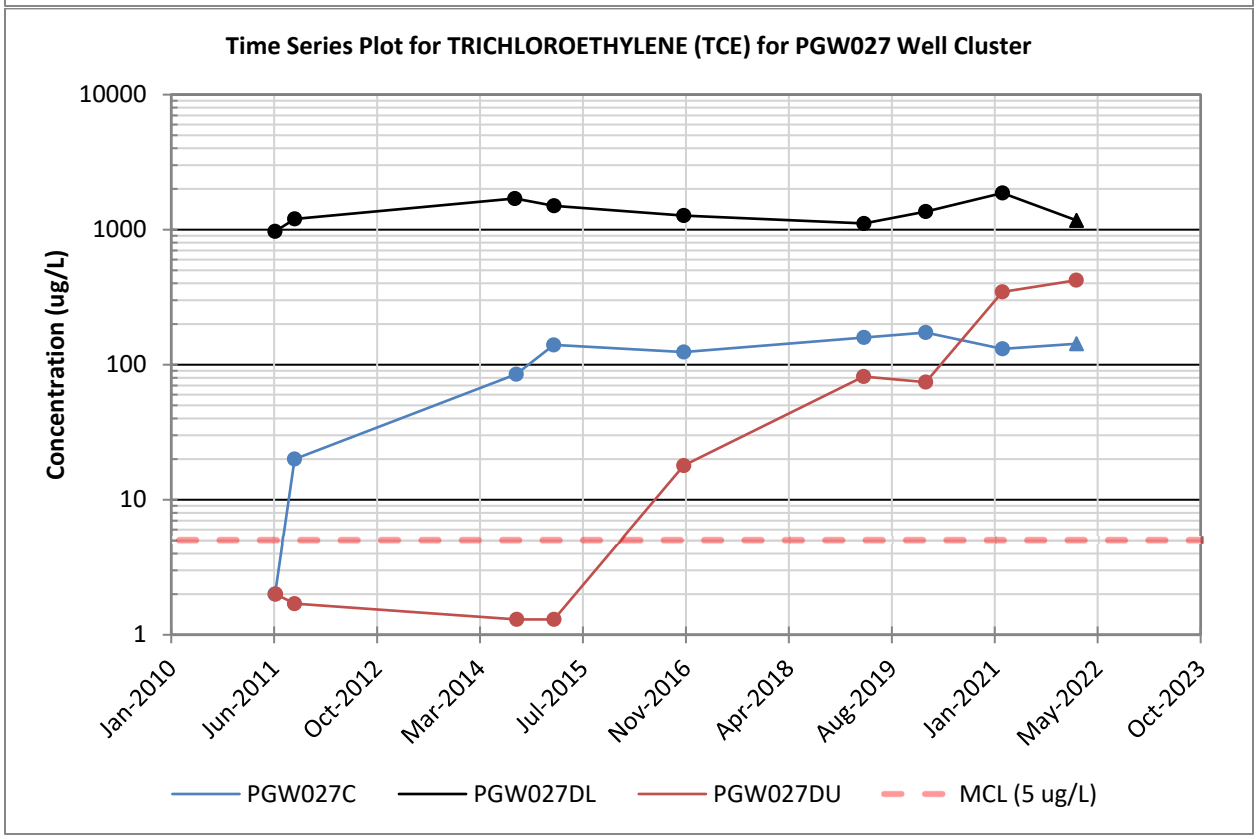

Time Series Plot for TRICHLOROETHYLENE (TCE) for PGW019 Well Cluster
Concentration (ug/L)
10
1
0.1
Nov-2001
Mar-2003
Aug-2004
Dec-2005
Apr-2007
Sep-2008
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW019 B
PGW019 C
PGW019DU
MCL (5 ug/L)

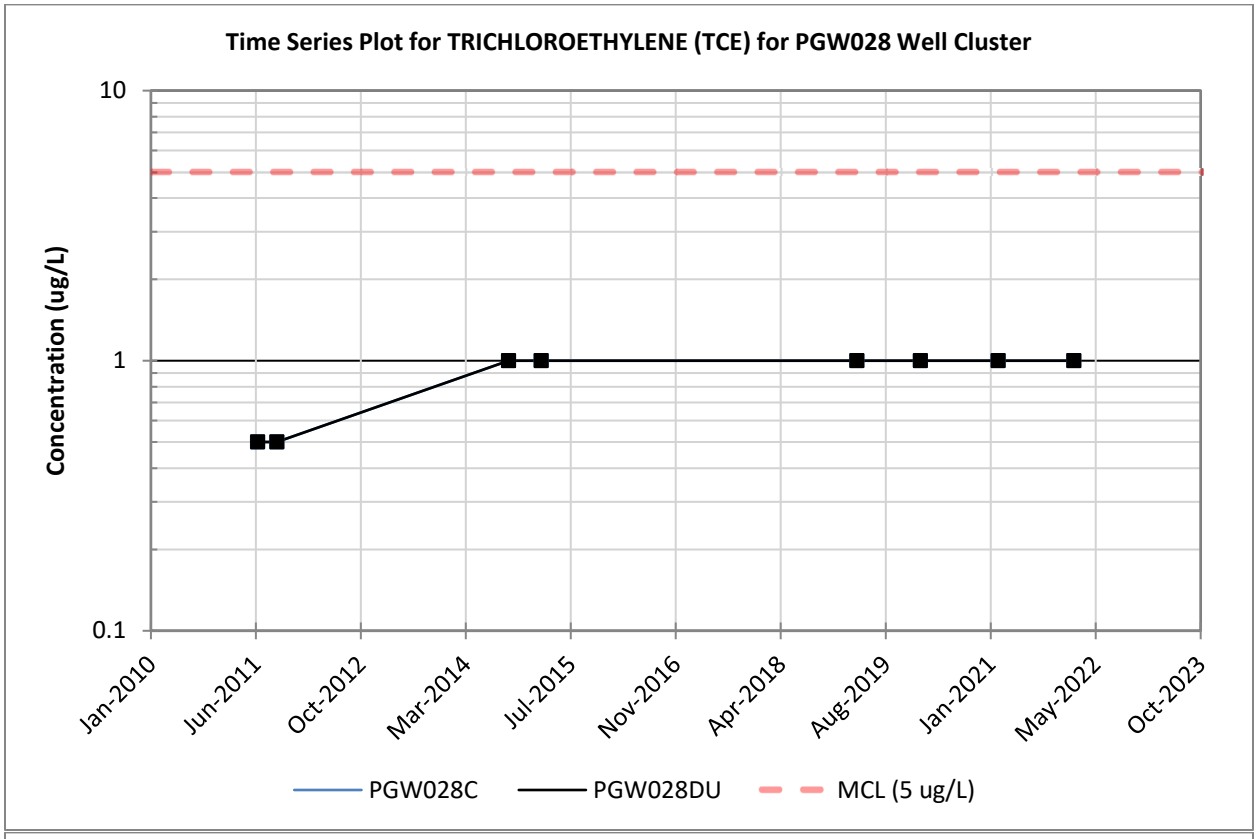

Time Series Plot for TRICHLOROETHYLENE (TCE) for PGW022 Well Cluster
Concentration (ug/L)
10
1
0.1
Nov-2001
Mar-2003
Aug-2004
Dec-2005
Apr-2007
Sep-2008
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW022 B
PGW022 C
PGW022DU
MCL (5 ug/L)

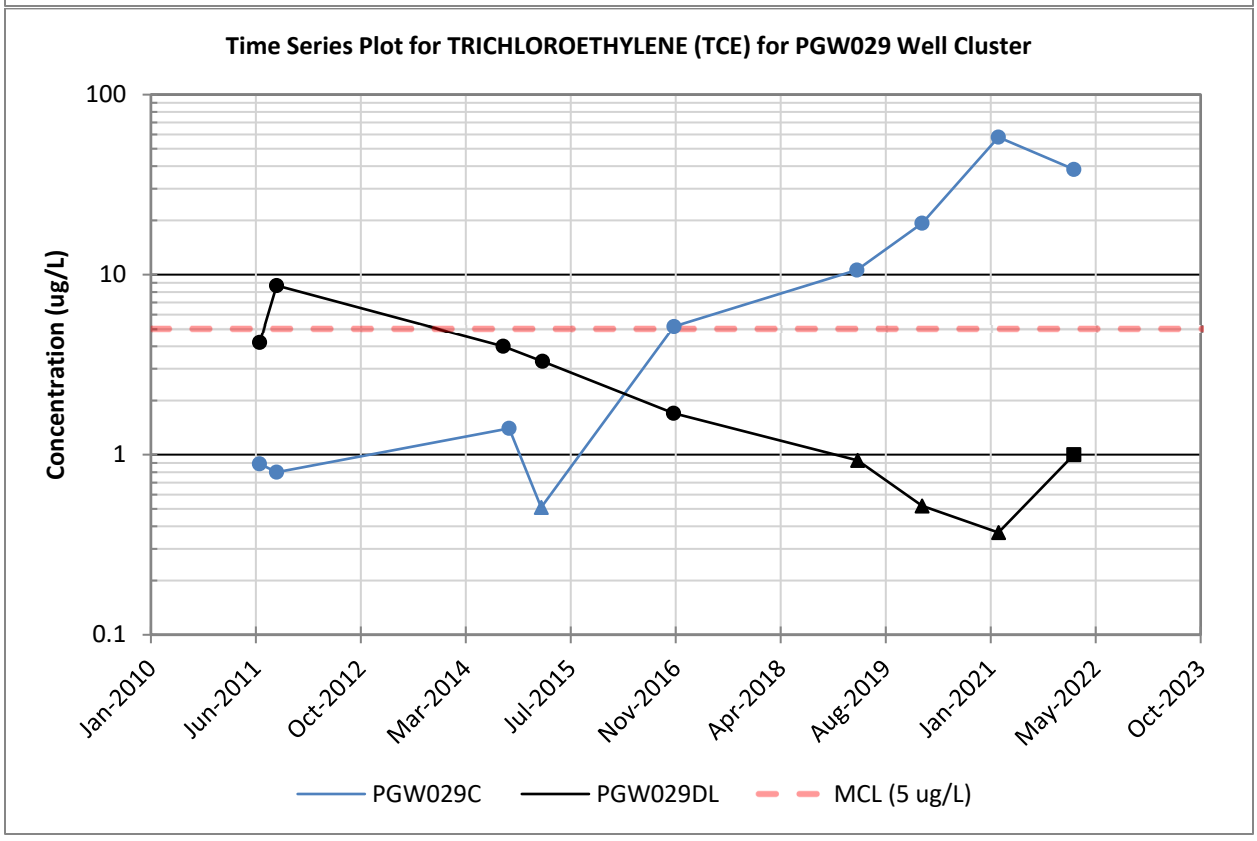

Time Series Plot for TRICHLOROETHYLENE (TCE) for PGW024 Well Cluster
Concentration (ug/L)
100
10
1
0.1
Nov-2001
Mar-2003
Aug-2004
Dec-2005
Apr-2007
Sep-2008
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW024 B
PGW024 C
PGW024DU
MCL (5 ug/L)

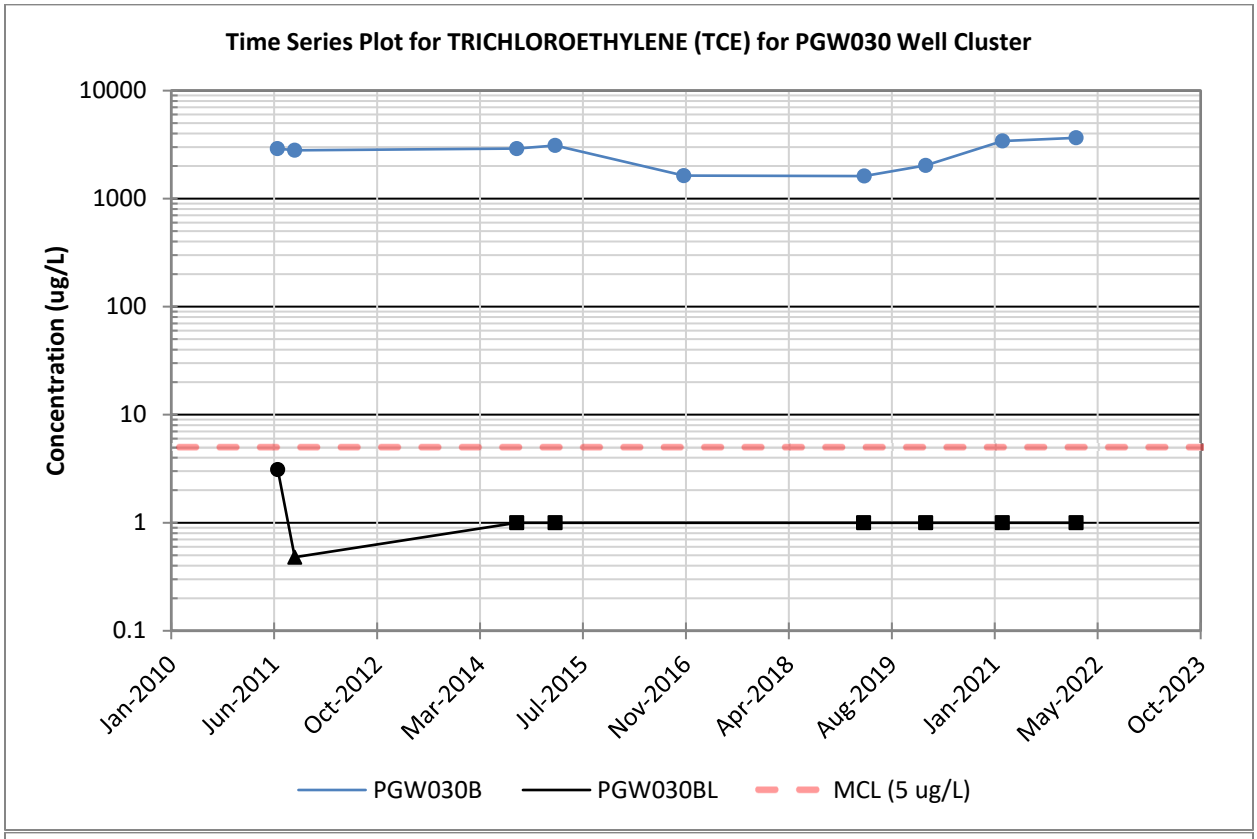

Time Series Plot for TRICHLOROETHYLENE (TCE) for PGW025 Well Cluster
Concentration (ug/L)
100000
10000
1000
100
10
1
0.1
Nov-2001
Mar-2003
Aug-2004
Dec-2005
Apr-2007
Sep-2008
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW025 B
PGW025 C
PGW025DU
MCL (5 ug/L)

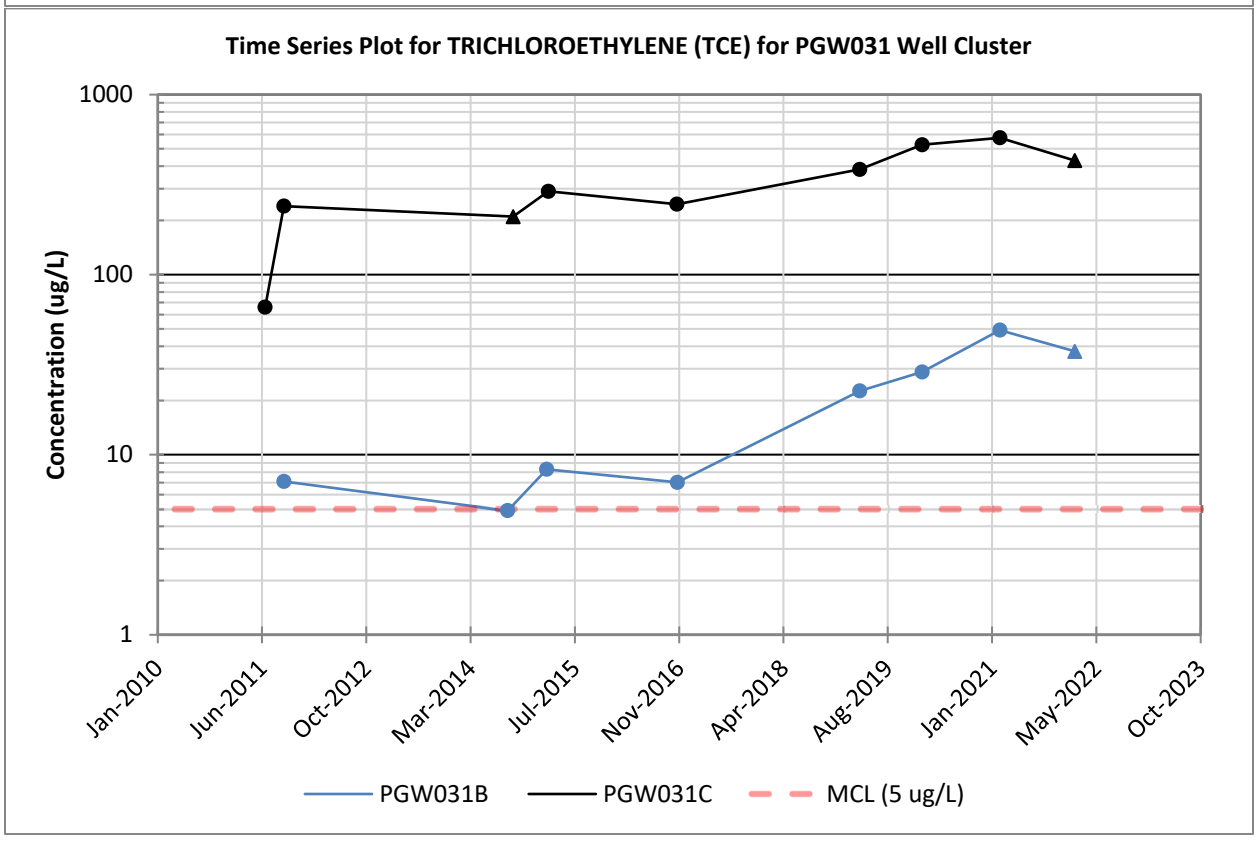

Time Series Plot for TRICHLOROETHYLENE (TCE) for PGW026 Well Cluster
Concentration (ug/L)
100000
10000
1000
100
10
1
0.1
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW026B
PGW026C
PGW026DL
MCL (5 ug/L)

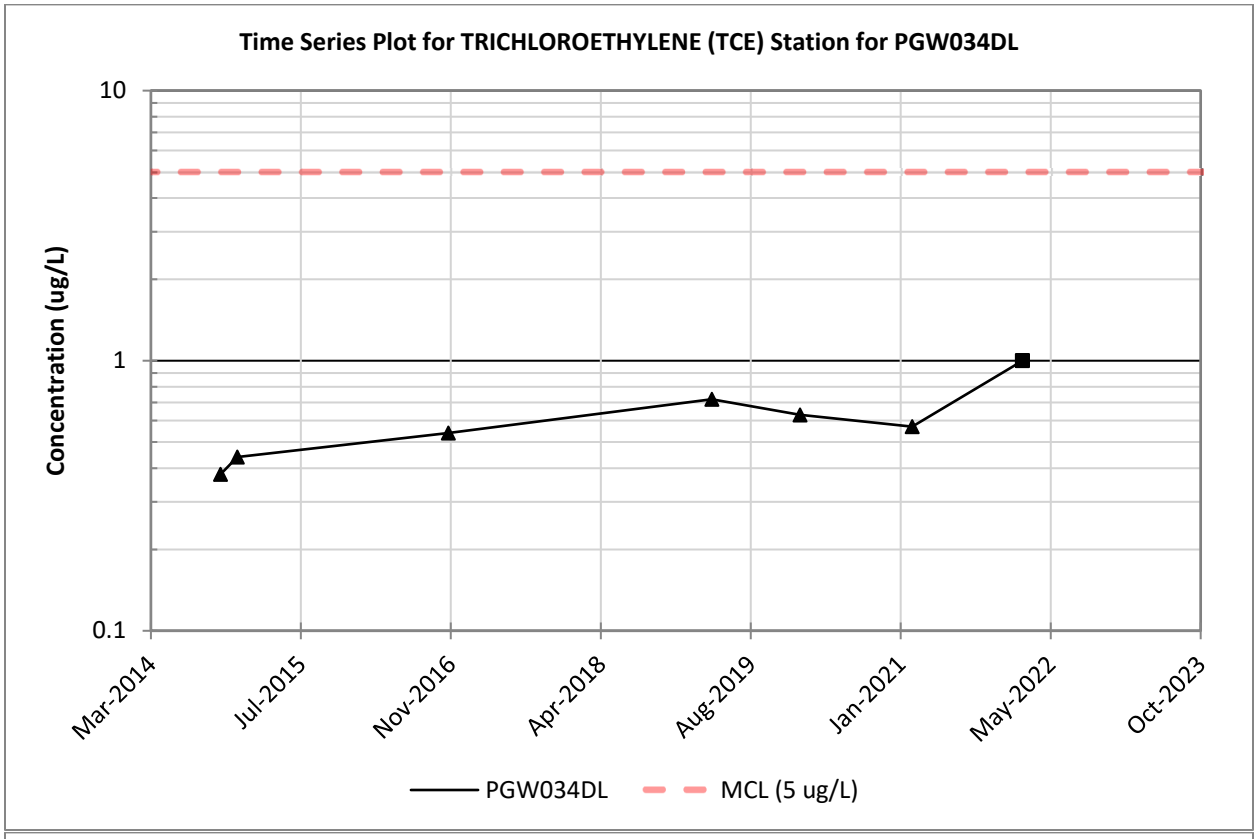

Time Series Plot for TRICHLOROETHYLENE (TCE) for PGW027 Well Cluster
Concentration (ug/L)
10000
1000
100
10
1
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW027C
PGW027DL
PGW027DU
MCL (5 ug/L)

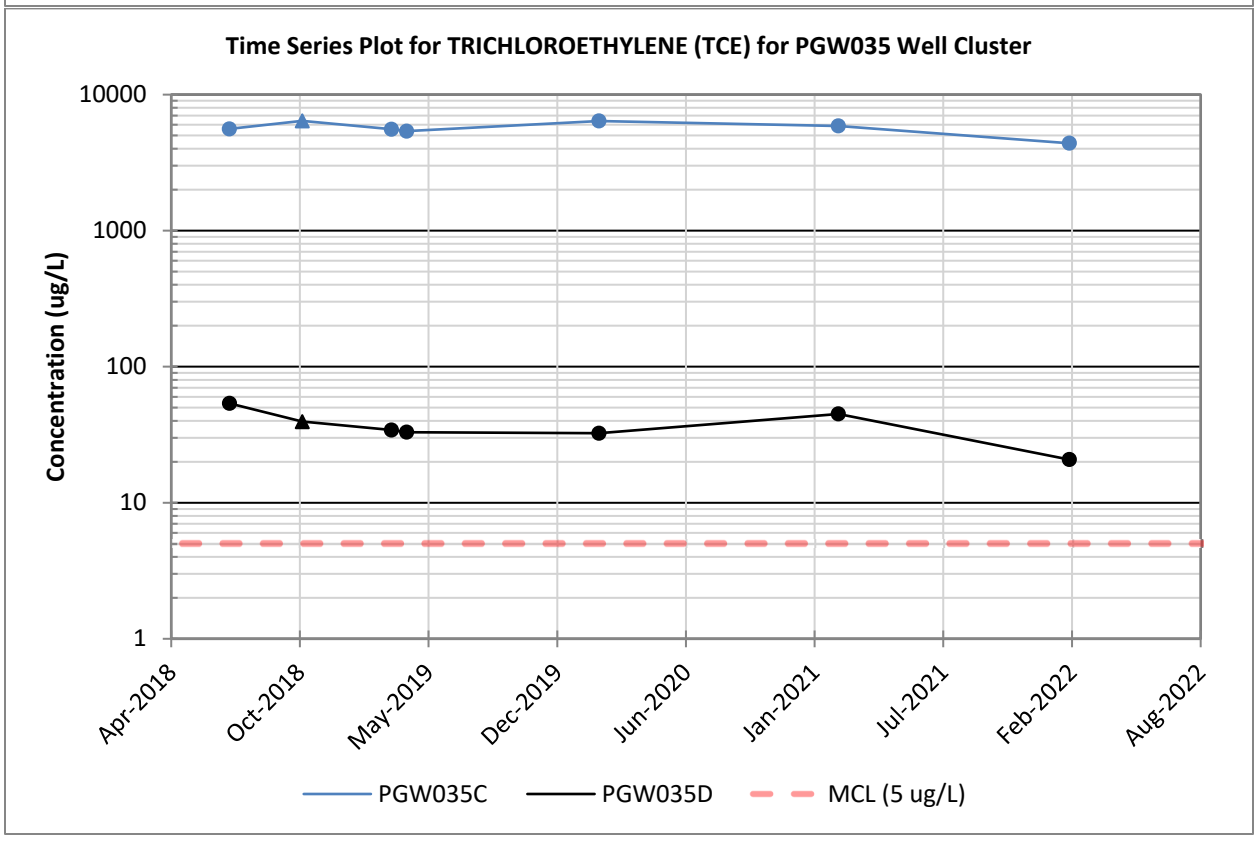

Time Series Plot for TRICHLOROETHYLENE (TCE) for PGW028 Well Cluster
Concentration (ug/L)
10
1
0.1
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW028C
PGW028DU
MCL (5 ug/L)

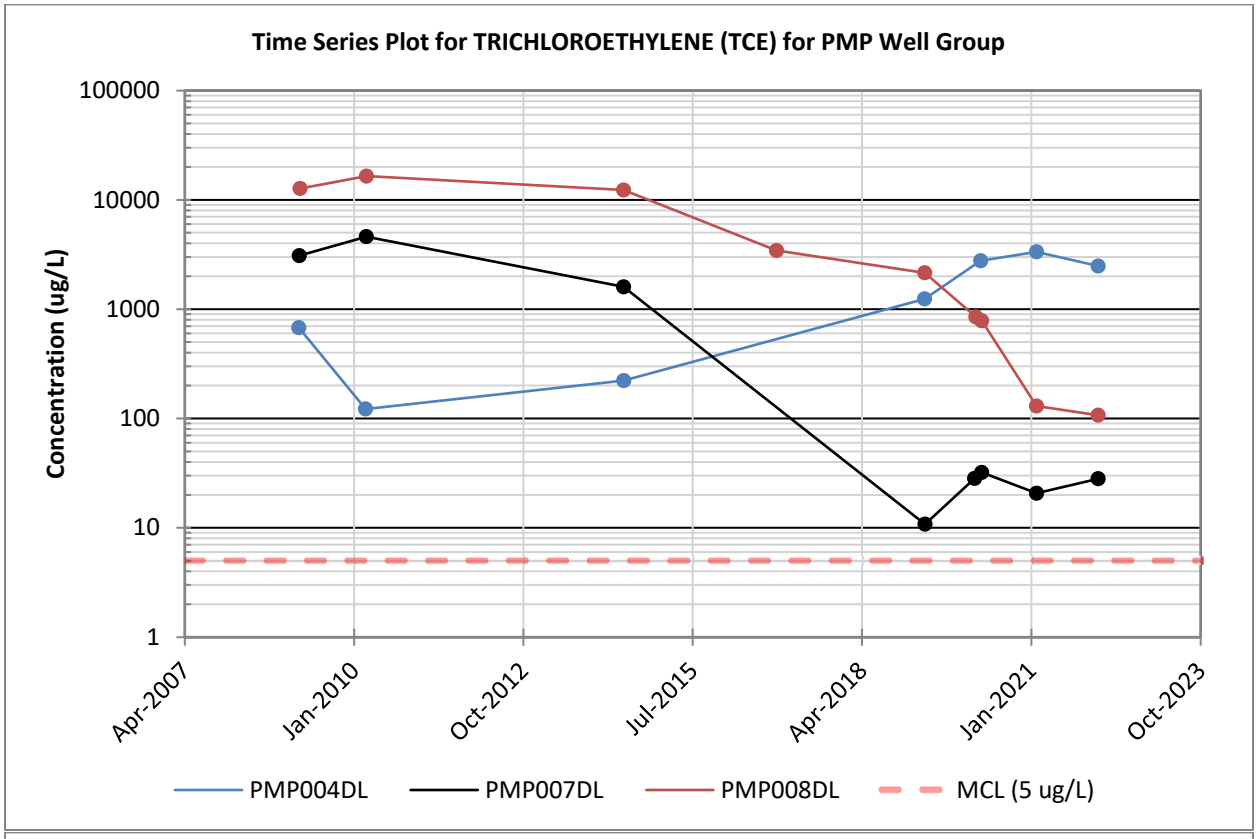

Time Series Plot for TRICHLOROETHYLENE (TCE) for PGW029 Well Cluster
Concentration (ug/L)
100
10
1
0.1
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW029C
PGW029DL
MCL (5 ug/L)

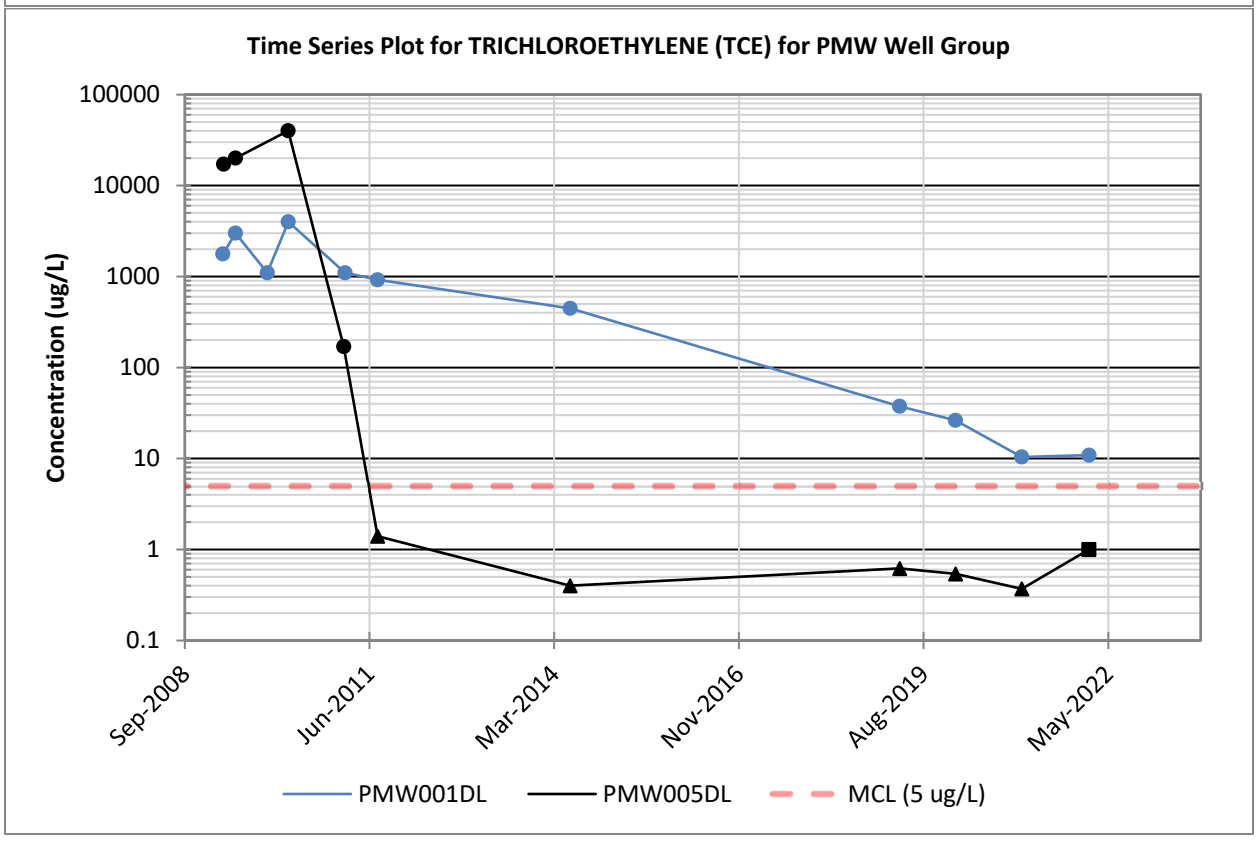

Time Series Plot for TRICHLOROETHYLENE (TCE) for PGW030 Well Cluster
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW030B
PGW030BL
MCL (5 ug/L)

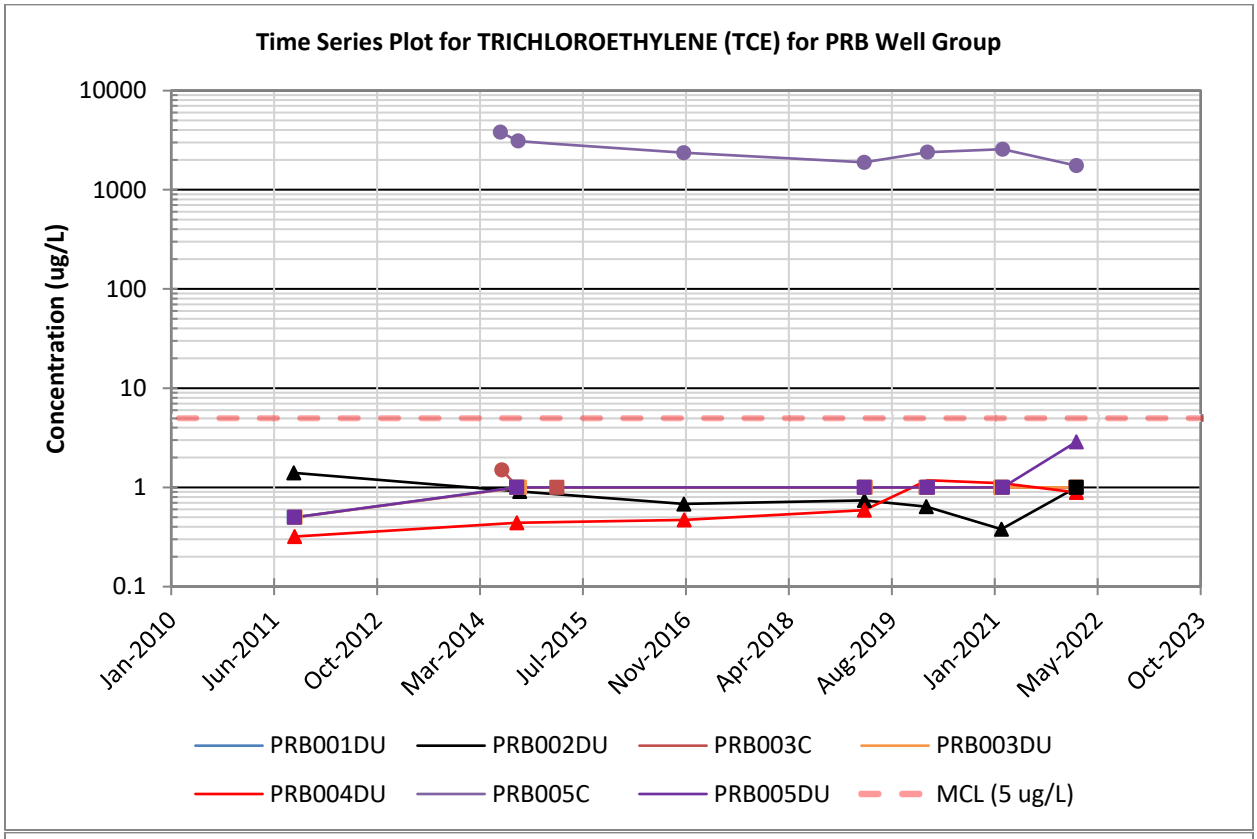

Time Series Plot for TRICHLOROETHYLENE (TCE) for PGW031 Well Cluster
Concentration (ug/L)
1000
100
10
1
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW031B
PGW031C
MCL (5 ug/L)

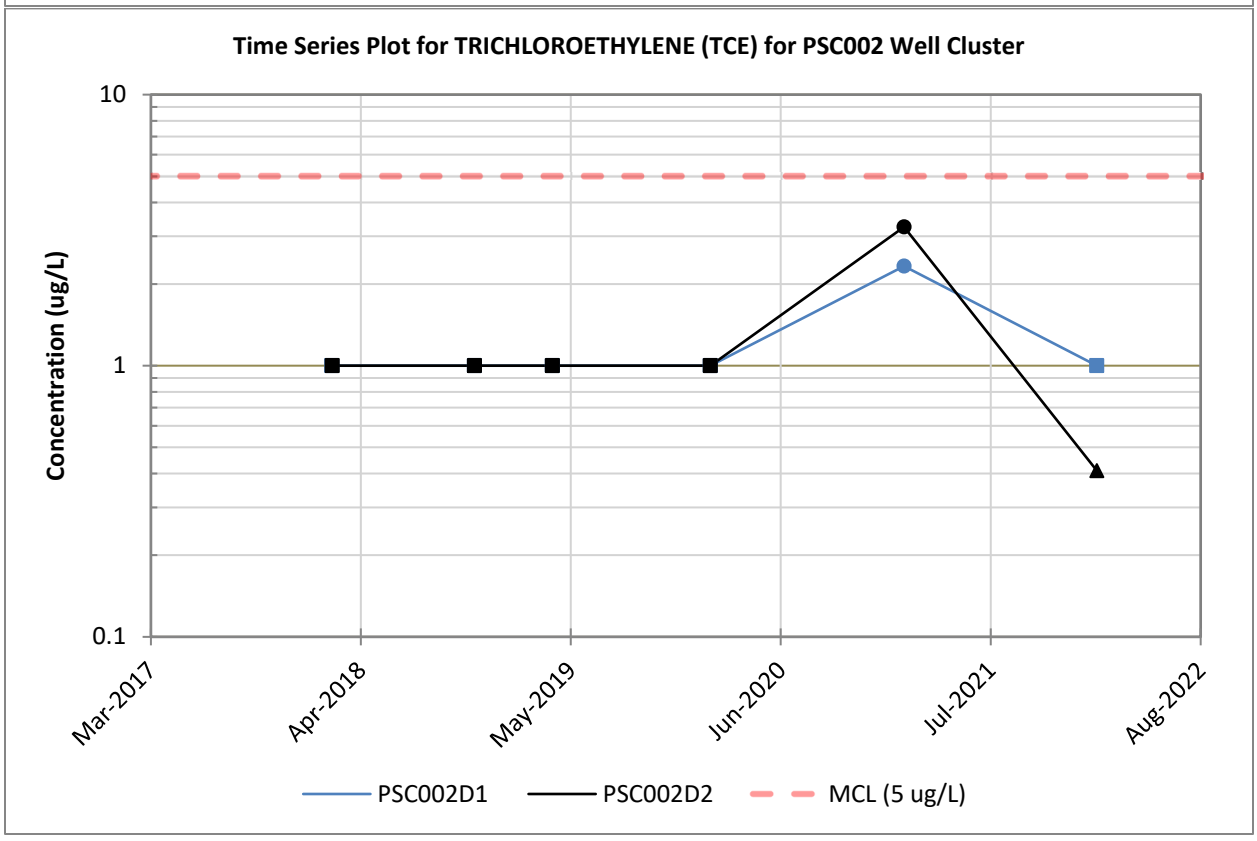

Time Series Plot for TRICHLOROETHYLENE (TCE) Station for PGW034DL
Concentration (ug/L)
10
1
0.1
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PGW034DL
MCL (5 ug/L)

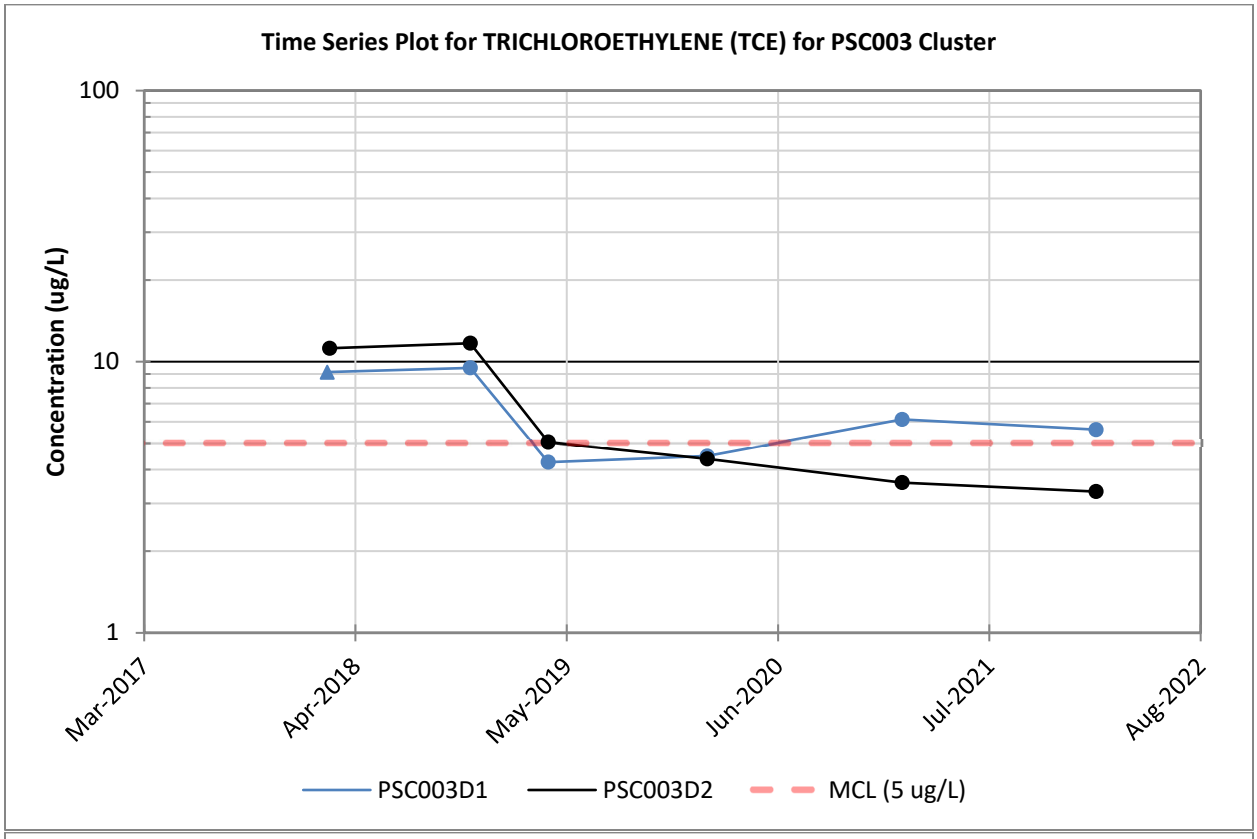

Time Series Plot for TRICHLOROETHYLENE (TCE) for PGW035 Well Cluster
Concentration (ug/L)
10000
1000
100
10
1
Apr-2018
Oct-2018
May-2019
Dec-2019
Jun-2020
Jan-2021
Jul-2021
Feb-2022
Aug-2022
PGW035C
PGW035D
MCL (5 ug/L)

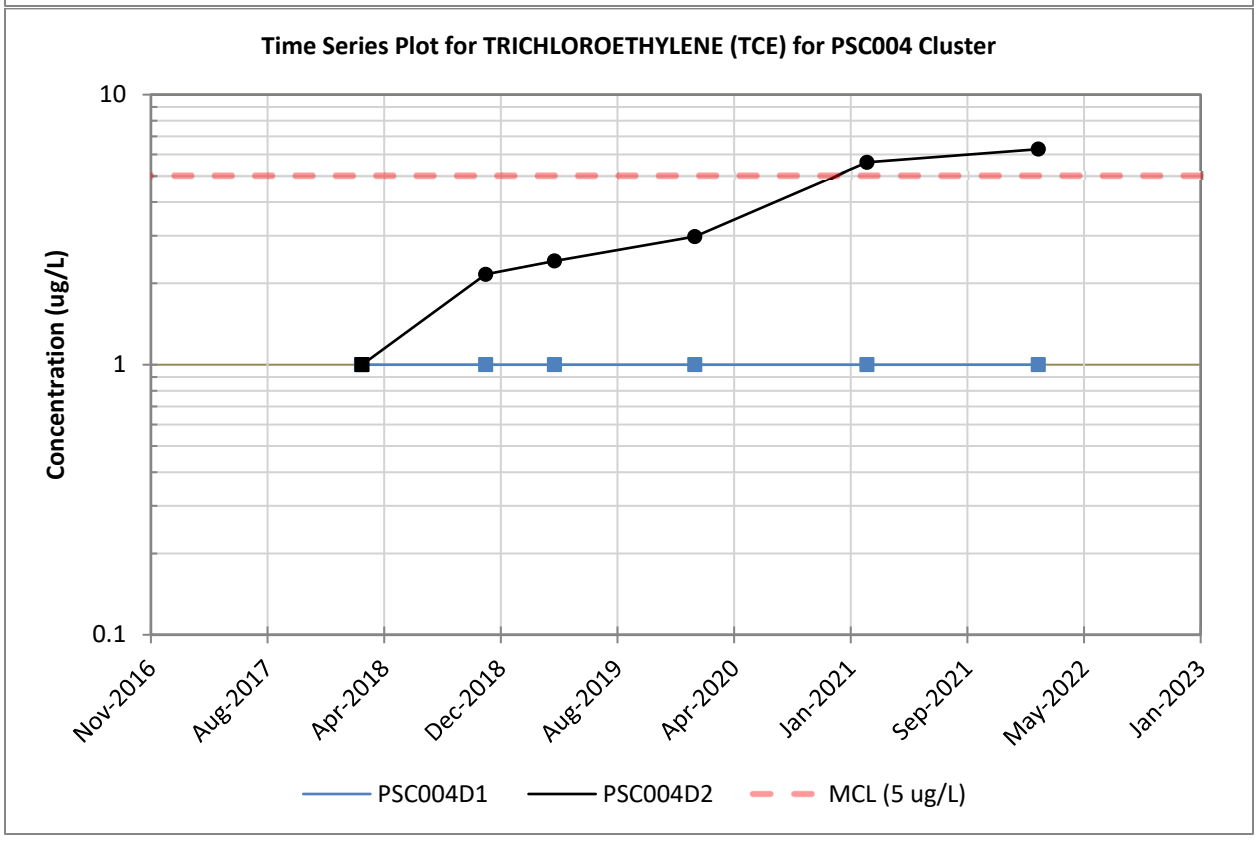

Time Series Plot for TRICHLOROETHYLENE (TCE) for PMP Well Group
Concentration (ug/L)
100000
10000
1000
100
10
1
Apr-2007
Jan-2010
Oct-2012
Jul-2015
Apr-2018
Jan-2021
Oct-2023
PMP004DL
PMP007DL
PMP008DL
MCL (5 ug/L)

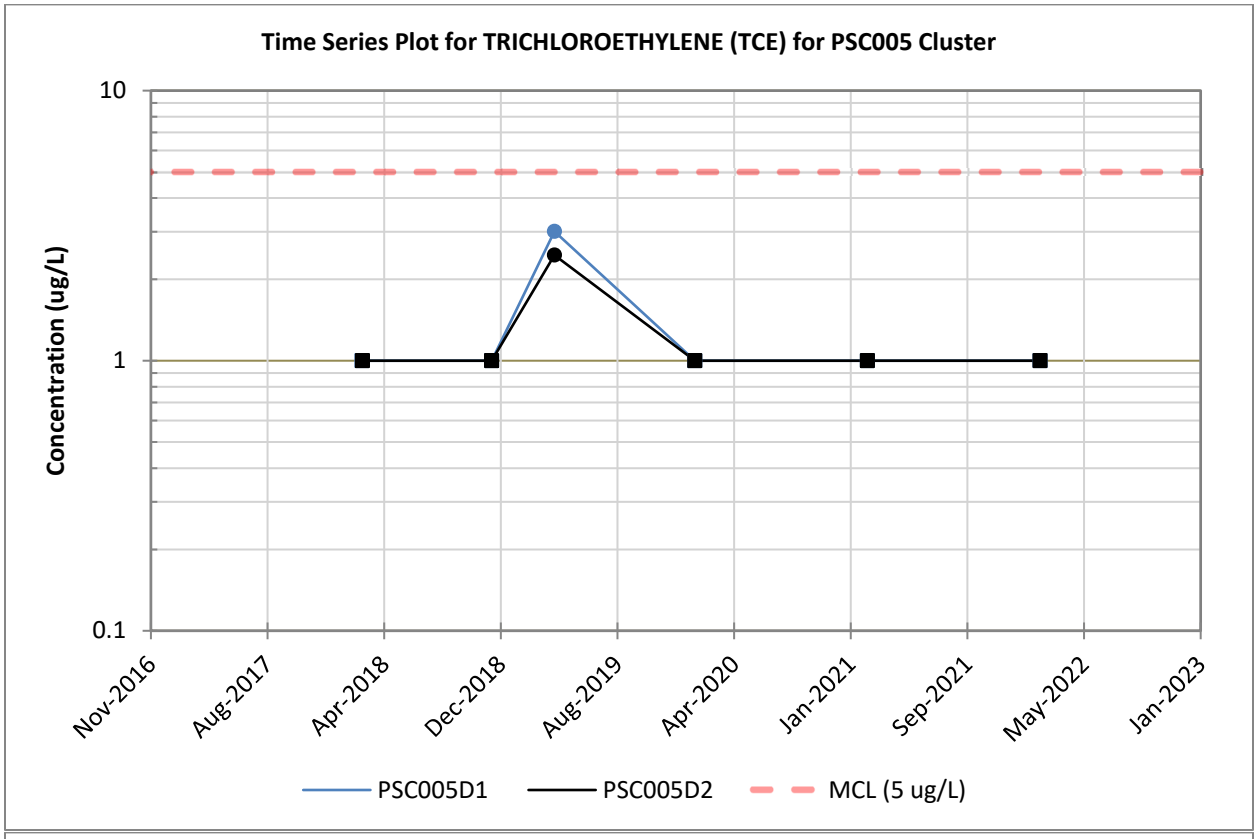

Time Series Plot for TRICHLOROETHYLENE (TCE) for PMW Well Group
Concentration (ug/L)
100000
10000
1000
100
10
1
0.1
Sep-2008
Jun-2011
Mar-2014
Nov-2016
Aug-2019
May-2022
PMW001DL
PMW005DL
MCL (5 ug/L)

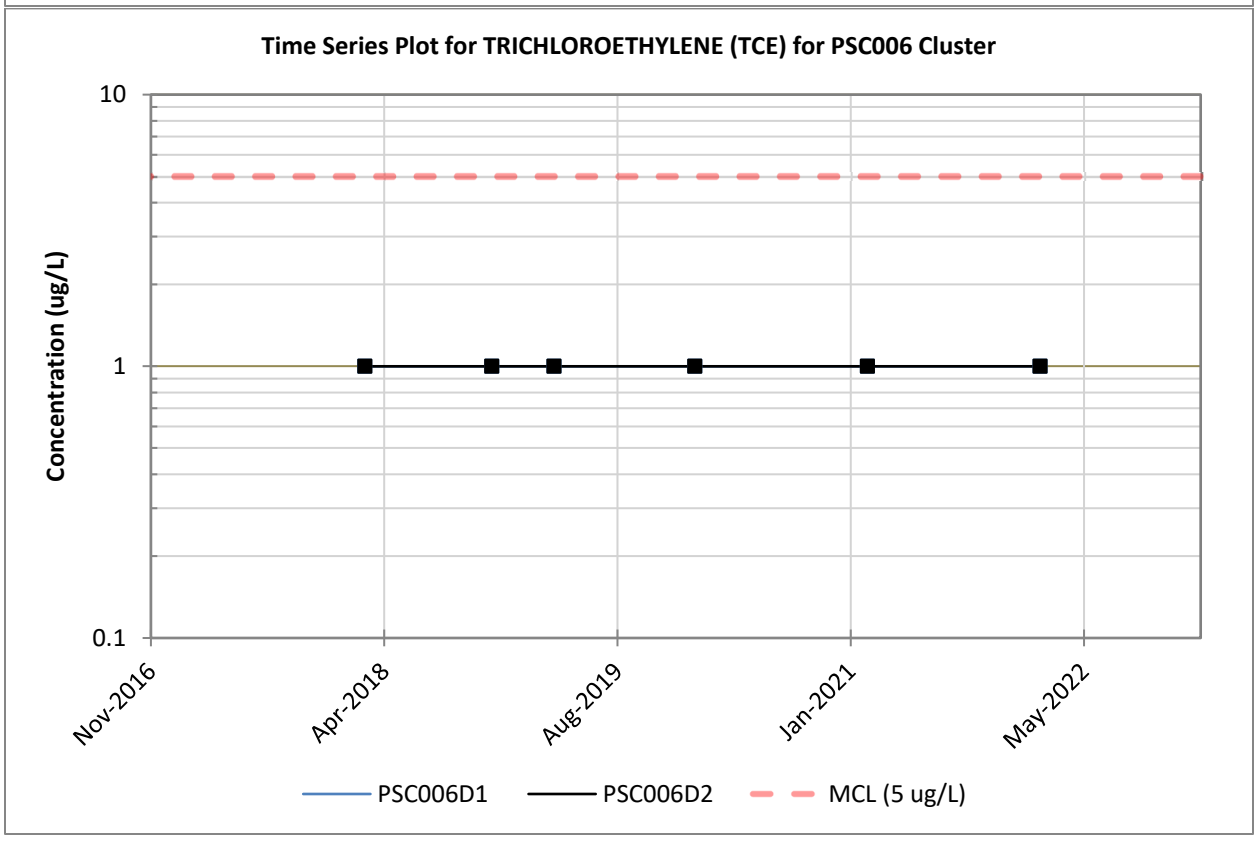

Time Series Plot for TRICHLOROETHYLENE (TCE) for PRB Well Group
Concentration (ug/L)
10000
1000
100
10
1
0.1
Jan-2010
Jun-2011
Oct-2012
Mar-2014
Jul-2015
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
Oct-2023
PRB001DU
PRB002DU
PRB003C
PRB003DU
PRB004DU
PRB005C
PRB005DU
MCL (5 ug/L)

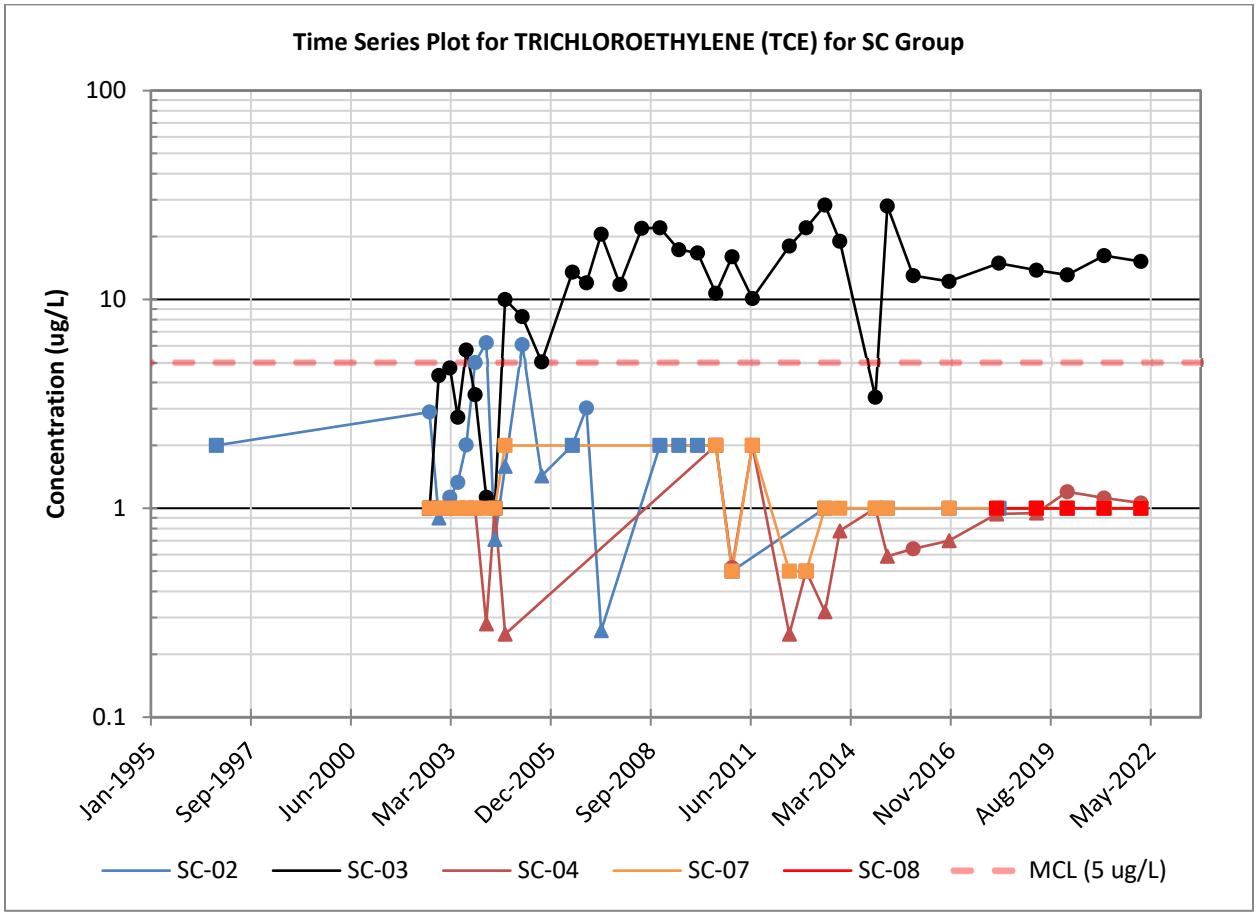

Time Series Plot for TRICHLOROETHYLENE (TCE) for PSC002 Well Cluster
Concentration (ug/L)
10
1
0.1
Mar-2017
Apr-2018
May-2019
Jun-2020
Jul-2021
Aug-2022
PSC002D1
PSC002D2
MCL (5 ug/L)


Time Series Plot for TRICHLOROETHYLENE (TCE) for PSC003 Cluster
Concentration (ug/L)
100
10
1
Mar-2017
Apr-2018
May-2019
Jun-2020
Jul-2021
Aug-2022
PSC003D1
PSC003D2
MCL (5 ug/L)


Time Series Plot for TRICHLOROETHYLENE (TCE) for PSC004 Cluster
Concentration (ug/L)
10
1
0.1
Nov-2016
Aug-2017
Apr-2018
Dec-2018
Aug-2019
Apr-2020
Jan-2021
Sep-2021
May-2022
Jan-2023
PSC004D1
PSC004D2
MCL (5 ug/L)


Time Series Plot for TRICHLOROETHYLENE (TCE) for PSC005 Cluster
Concentration (ug/L)
10
1
0.1
Nov-2016
Aug-2017
Apr-2018
Dec-2018
Aug-2019
Apr-2020
Jan-2021
Sep-2021
May-2022
Jan-2023
PSC005D1
PSC005D2
MCL (5 ug/L)


Time Series Plot for TRICHLOROETHYLENE (TCE) for PSC006 Cluster
Concentration (ug/L)
10
1
0.1
Nov-2016
Apr-2018
Aug-2019
Jan-2021
May-2022
PSC006D1
PSC006D2
MCL (5 ug/L)


Time Series Plot for TRICHLOROETHYLENE (TCE) for SC Group
Concentration (ug/L)
100
10
1
0.1
Jan-1995
Sep-1997
Jun-2000
Mar-2003
Dec-2005
Sep-2008
Jun-2011
Mar-2014
Nov-2016
Aug-2019
May-2022
SC-02
SC-03
SC-04
SC-07
SC-08
MCL (5 ug/L)

APPENDIX D

FIELD DATA FOR PAGW OU 2022 SAMPLING

This page intentionally left blank.

Station ID	Date	Analyte	Results	Units	Matrix
P002U	5/19/2021	AIR TEMPERATURE	22.7	degC	Groundwater
P002U	8/2/2021	AIR TEMPERATURE	28.8	degC	Groundwater
P002U	11/1/2021	AIR TEMPERATURE	22.3	degC	Groundwater
P002U	2/8/2022	AIR TEMPERATURE	6.2	degC	Groundwater
P002U	2/8/2022	AIR TEMPERATURE	6.2	degC	Groundwater
P002U	5/19/2021	FLOW RATE	0.1	gal/min	Groundwater
P002U	8/2/2021	FLOW RATE	0.1	gal/min	Groundwater
P002U	11/1/2021	FLOW RATE	0.1	gal/min	Groundwater
P002U	2/8/2022	FLOW RATE	0.1	gal/min	Groundwater
P002U	2/8/2022	FLOW RATE	0.1	gal/min	Groundwater
P002U	2/8/2022	OXIDATION/REDUCTION POTENTIAL	-94	mV	Groundwater
P002U	2/8/2022	OXIDATION/REDUCTION POTENTIAL	-94	mV	Groundwater
P002U	2/8/2022	OXYGEN	9.3	mg/L	Groundwater
P002U	2/8/2022	OXYGEN	9.3	mg/L	Groundwater
P002U	5/19/2021	PH	6.5	pH	Groundwater
P002U	8/2/2021	PH	6.4	pH	Groundwater
P002U	11/1/2021	PH	6.4	pH	Groundwater
P002U	2/8/2022	PH	6.4	pH	Groundwater
P002U	2/8/2022	PH	6.4	pH	Groundwater
P002U	5/19/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P002U	8/2/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P002U	11/1/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P002U	2/8/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P002U	2/8/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P002U	5/19/2021	SPECIFIC CONDUCTANCE	310	uS/cm	Groundwater
P002U	8/2/2021	SPECIFIC CONDUCTANCE	294	uS/cm	Groundwater
P002U	11/1/2021	SPECIFIC CONDUCTANCE	246	uS/cm	Groundwater
P002U	2/8/2022	SPECIFIC CONDUCTANCE	249	uS/cm	Groundwater
P002U	2/8/2022	SPECIFIC CONDUCTANCE	249	uS/cm	Groundwater
P002U	5/19/2021	TOTAL ALKALINITY (AS CACO3)	35	mg/L	Groundwater
P002U	8/2/2021	TOTAL ALKALINITY (AS CACO3)	80	mg/L	Groundwater
P002U	11/1/2021	TOTAL ALKALINITY (AS CACO3)	61	mg/L	Groundwater
P002U	2/8/2022	TOTAL ALKALINITY (AS CACO3)	72	mg/L	Groundwater
P002U	2/8/2022	TOTAL ALKALINITY (AS CACO3)	72	mg/L	Groundwater
P002U	5/19/2021	TURBIDITY	19.8	NTU	Groundwater
P002U	8/2/2021	TURBIDITY	17.8	NTU	Groundwater
P002U	11/1/2021	TURBIDITY	23.7	NTU	Groundwater
P002U	2/8/2022	TURBIDITY	103	NTU	Groundwater
P002U	2/8/2022	TURBIDITY	103	NTU	Groundwater
P002U	5/19/2021	VOLUME PURGED	2	gal	Groundwater
P002U	8/2/2021	VOLUME PURGED	2	gal	Groundwater
P002U	11/1/2021	VOLUME PURGED	2	gal	Groundwater
P002U	2/8/2022	VOLUME PURGED	3	gal	Groundwater
P002U	2/8/2022	VOLUME PURGED	3	gal	Groundwater
P002U	5/19/2021	WATER TEMPERATURE	20.9	degC	Groundwater
P002U	8/2/2021	WATER TEMPERATURE	22.2	degC	Groundwater
P002U	11/1/2021	WATER TEMPERATURE	20.7	degC	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
P002U	2/8/2022	WATER TEMPERATURE	18.9	degC	Groundwater
P002U	2/8/2022	WATER TEMPERATURE	18.9	degC	Groundwater
P003L	5/19/2021	AIR TEMPERATURE	31.2	degC	Groundwater
P003L	8/2/2021	AIR TEMPERATURE	30.2	degC	Groundwater
P003L	11/1/2021	AIR TEMPERATURE	21.7	degC	Groundwater
P003L	2/8/2022	AIR TEMPERATURE	8.7	degC	Groundwater
P003L	2/8/2022	AIR TEMPERATURE	8.7	degC	Groundwater
P003L	5/19/2021	FLOW RATE	0.1	gal/min	Groundwater
P003L	8/2/2021	FLOW RATE	0.1	gal/min	Groundwater
P003L	11/1/2021	FLOW RATE	0.1	gal/min	Groundwater
P003L	2/8/2022	FLOW RATE	0.1	gal/min	Groundwater
P003L	2/8/2022	FLOW RATE	0.1	gal/min	Groundwater
P003L	8/2/2021	OXIDATION/REDUCTION POTENTIAL	191	mV	Groundwater
P003L	2/8/2022	OXIDATION/REDUCTION POTENTIAL	166	mV	Groundwater
P003L	2/8/2022	OXIDATION/REDUCTION POTENTIAL	166	mV	Groundwater
P003L	8/2/2021	OXYGEN	6.79	mg/L	Groundwater
P003L	2/8/2022	OXYGEN	10.8	mg/L	Groundwater
P003L	2/8/2022	OXYGEN	10.8	mg/L	Groundwater
P003L	5/19/2021	PH	5.1	pH	Groundwater
P003L	8/2/2021	PH	4.8	pH	Groundwater
P003L	11/1/2021	PH	5.3	pH	Groundwater
P003L	2/8/2022	PH	5.1	pH	Groundwater
P003L	2/8/2022	PH	5.1	pH	Groundwater
P003L	5/19/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P003L	8/2/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P003L	11/1/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P003L	2/8/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P003L	2/8/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P003L	5/19/2021	SPECIFIC CONDUCTANCE	21	uS/cm	Groundwater
P003L	8/2/2021	SPECIFIC CONDUCTANCE	25	uS/cm	Groundwater
P003L	11/1/2021	SPECIFIC CONDUCTANCE	20	uS/cm	Groundwater
P003L	2/8/2022	SPECIFIC CONDUCTANCE	23	uS/cm	Groundwater
P003L	2/8/2022	SPECIFIC CONDUCTANCE	23	uS/cm	Groundwater
P003L	5/19/2021	TOTAL ALKALINITY (AS CACO3)	3	mg/L	Groundwater
P003L	8/2/2021	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P003L	11/1/2021	TOTAL ALKALINITY (AS CACO3)	7	mg/L	Groundwater
P003L	2/8/2022	TOTAL ALKALINITY (AS CACO3)	6	mg/L	Groundwater
P003L	2/8/2022	TOTAL ALKALINITY (AS CACO3)	6	mg/L	Groundwater
P003L	5/19/2021	TURBIDITY	7.9	NTU	Groundwater
P003L	8/2/2021	TURBIDITY	5.1	NTU	Groundwater
P003L	11/1/2021	TURBIDITY	13.1	NTU	Groundwater
P003L	2/8/2022	TURBIDITY	8.3	NTU	Groundwater
P003L	2/8/2022	TURBIDITY	8.3	NTU	Groundwater
P003L	5/19/2021	VOLUME PURGED	2	gal	Groundwater
P003L	8/2/2021	VOLUME PURGED	1	gal	Groundwater
P003L	11/1/2021	VOLUME PURGED	3	gal	Groundwater
P003L	2/8/2022	VOLUME PURGED	1	gal	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
P003L	2/8/2022	VOLUME PURGED	1	gal	Groundwater
P003L	5/19/2021	WATER TEMPERATURE	22.2	degC	Groundwater
P003L	8/2/2021	WATER TEMPERATURE	23.6	degC	Groundwater
P003L	11/1/2021	WATER TEMPERATURE	21.3	degC	Groundwater
P003L	2/8/2022	WATER TEMPERATURE	18.6	degC	Groundwater
P003L	2/8/2022	WATER TEMPERATURE	18.6	degC	Groundwater
P003U	5/19/2021	AIR TEMPERATURE	25.5	degC	Groundwater
P003U	8/2/2021	AIR TEMPERATURE	32.8	degC	Groundwater
P003U	11/1/2021	AIR TEMPERATURE	20	degC	Groundwater
P003U	2/8/2022	AIR TEMPERATURE	11.1	degC	Groundwater
P003U	2/8/2022	AIR TEMPERATURE	11.1	degC	Groundwater
P003U	5/19/2021	FLOW RATE	0.1	gal/min	Groundwater
P003U	8/2/2021	FLOW RATE	0.1	gal/min	Groundwater
P003U	11/1/2021	FLOW RATE	0.1	gal/min	Groundwater
P003U	2/8/2022	FLOW RATE	0.1	gal/min	Groundwater
P003U	2/8/2022	FLOW RATE	0.1	gal/min	Groundwater
P003U	5/19/2021	OXIDATION/REDUCTION POTENTIAL	249	mV	Groundwater
P003U	2/8/2022	OXIDATION/REDUCTION POTENTIAL	263	mV	Groundwater
P003U	2/8/2022	OXIDATION/REDUCTION POTENTIAL	263	mV	Groundwater
P003U	5/19/2021	OXYGEN		mg/L	Groundwater
P003U	2/8/2022	OXYGEN	10.8	mg/L	Groundwater
P003U	2/8/2022	OXYGEN	10.8	mg/L	Groundwater
P003U	5/19/2021	PH	5.4	pH	Groundwater
P003U	8/2/2021	PH	5.4	pH	Groundwater
P003U	11/1/2021	PH	5.6	pH	Groundwater
P003U	2/8/2022	PH	5.1	pH	Groundwater
P003U	2/8/2022	PH	5.1	pH	Groundwater
P003U	5/19/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P003U	8/2/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P003U	11/1/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P003U	2/8/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P003U	2/8/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P003U	5/19/2021	SPECIFIC CONDUCTANCE	34	uS/cm	Groundwater
P003U	8/2/2021	SPECIFIC CONDUCTANCE	38	uS/cm	Groundwater
P003U	11/1/2021	SPECIFIC CONDUCTANCE	36	uS/cm	Groundwater
P003U	2/8/2022	SPECIFIC CONDUCTANCE	35	uS/cm	Groundwater
P003U	2/8/2022	SPECIFIC CONDUCTANCE	35	uS/cm	Groundwater
P003U	5/19/2021	TOTAL ALKALINITY (AS CACO3)	2	mg/L	Groundwater
P003U	8/2/2021	TOTAL ALKALINITY (AS CACO3)	7	mg/L	Groundwater
P003U	11/1/2021	TOTAL ALKALINITY (AS CACO3)	8	mg/L	Groundwater
P003U	2/8/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P003U	2/8/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
P003U	5/19/2021	TURBIDITY	4.5	NTU	Groundwater
P003U	8/2/2021	TURBIDITY	22.8	NTU	Groundwater
P003U	11/1/2021	TURBIDITY	14	NTU	Groundwater
P003U	2/8/2022	TURBIDITY	10.7	NTU	Groundwater
P003U	2/8/2022	TURBIDITY	10.7	NTU	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
P003U	5/19/2021	VOLUME PURGED	2	gal	Groundwater
P003U	8/2/2021	VOLUME PURGED	1	gal	Groundwater
P003U	11/1/2021	VOLUME PURGED	3	gal	Groundwater
P003U	2/8/2022	VOLUME PURGED	2	gal	Groundwater
P003U	2/8/2022	VOLUME PURGED	2	gal	Groundwater
P003U	5/19/2021	WATER TEMPERATURE	21	degC	Groundwater
P003U	8/2/2021	WATER TEMPERATURE	22.1	degC	Groundwater
P003U	11/1/2021	WATER TEMPERATURE	21.6	degC	Groundwater
P003U	2/8/2022	WATER TEMPERATURE	19.1	degC	Groundwater
P003U	2/8/2022	WATER TEMPERATURE	19.1	degC	Groundwater
PAO001DU	2/1/2022	AIR TEMPERATURE	15.8	degC	Groundwater
PAO001DU	2/1/2022	FLOW RATE	0.2	gal/min	Groundwater
PAO001DU	2/1/2022	PH	4.1	pH	Groundwater
PAO001DU	2/1/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PAO001DU	2/1/2022	SPECIFIC CONDUCTANCE	840	uS/cm	Groundwater
PAO001DU	2/1/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PAO001DU	2/1/2022	TURBIDITY	4	NTU	Groundwater
PAO001DU	2/1/2022	VOLUME PURGED	12	gal	Groundwater
PAO001DU	2/1/2022	WATER TEMPERATURE	22.7	degC	Groundwater
PAO002DL	2/8/2022	AIR TEMPERATURE	15.2	degC	Groundwater
PAO002DL	2/8/2022	FLOW RATE	0.5	gal/min	Groundwater
PAO002DL	2/8/2022	OXIDATION/REDUCTION POTENTIAL	182	mV	Groundwater
PAO002DL	2/8/2022	OXYGEN	3.07	mg/L	Groundwater
PAO002DL	2/8/2022	PH	5.1	pH	Groundwater
PAO002DL	2/8/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PAO002DL	2/8/2022	SPECIFIC CONDUCTANCE	33	uS/cm	Groundwater
PAO002DL	2/8/2022	TOTAL ALKALINITY (AS CACO3)	1	mg/L	Groundwater
PAO002DL	2/8/2022	TURBIDITY	0.9	NTU	Groundwater
PAO002DL	2/8/2022	VOLUME PURGED	19	gal	Groundwater
PAO002DL	2/8/2022	WATER TEMPERATURE	22.3	degC	Groundwater
PAO002DU	2/8/2022	AIR TEMPERATURE	13.4	degC	Groundwater
PAO002DU	2/8/2022	FLOW RATE	0.5	gal/min	Groundwater
PAO002DU	2/8/2022	OXIDATION/REDUCTION POTENTIAL	193	mV	Groundwater
PAO002DU	2/8/2022	OXYGEN	2.76	mg/L	Groundwater
PAO002DU	2/8/2022	PH	5.9	pH	Groundwater
PAO002DU	2/8/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PAO002DU	2/8/2022	SPECIFIC CONDUCTANCE	82	uS/cm	Groundwater
PAO002DU	2/8/2022	TOTAL ALKALINITY (AS CACO3)	5	mg/L	Groundwater
PAO002DU	2/8/2022	TURBIDITY	2.9	NTU	Groundwater
PAO002DU	2/8/2022	VOLUME PURGED	9	gal	Groundwater
PAO002DU	2/8/2022	WATER TEMPERATURE	22.7	degC	Groundwater
PAO003DU	2/1/2022	AIR TEMPERATURE	7.8	degC	Groundwater
PAO003DU	2/1/2022	FLOW RATE	0.2	gal/min	Groundwater
PAO003DU	2/1/2022	PH	5.4	pH	Groundwater
PAO003DU	2/1/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PAO003DU	2/1/2022	SPECIFIC CONDUCTANCE	44	uS/cm	Groundwater
PAO003DU	2/1/2022	TOTAL ALKALINITY (AS CACO3)	4	mg/L	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PAO003DU	2/1/2022	TURBIDITY	15	NTU	Groundwater
PAO003DU	2/1/2022	VOLUME PURGED	10	gal	Groundwater
PAO003DU	2/1/2022	WATER TEMPERATURE	24.1	degC	Groundwater
PDB 2	1/31/2022	AIR TEMPERATURE	3.9	degC	Groundwater
PDB 2	1/31/2022	FLOW RATE	1	gal/min	Groundwater
PDB 2	1/31/2022	PH	6.4	pH	Groundwater
PDB 2	1/31/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PDB 2	1/31/2022	SPECIFIC CONDUCTANCE	163	uS/cm	Groundwater
PDB 2	1/31/2022	TOTAL ALKALINITY (AS CACO3)	38	mg/L	Groundwater
PDB 2	1/31/2022	TURBIDITY	0.5	NTU	Groundwater
PDB 2	1/31/2022	VOLUME PURGED	40	gal	Groundwater
PDB 2	1/31/2022	WATER TEMPERATURE	22.4	degC	Groundwater
PDB 3	1/31/2022	AIR TEMPERATURE	9.1	degC	Groundwater
PDB 3	1/31/2022	FLOW RATE	1	gal/min	Groundwater
PDB 3	1/31/2022	PH	6.2	pH	Groundwater
PDB 3	1/31/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PDB 3	1/31/2022	SPECIFIC CONDUCTANCE	90	uS/cm	Groundwater
PDB 3	1/31/2022	TOTAL ALKALINITY (AS CACO3)	32	mg/L	Groundwater
PDB 3	1/31/2022	TURBIDITY	0.9	NTU	Groundwater
PDB 3	1/31/2022	VOLUME PURGED	41	gal	Groundwater
PDB 3	1/31/2022	WATER TEMPERATURE	21.5	degC	Groundwater
PDB 5	1/31/2022	AIR TEMPERATURE	17.4	degC	Groundwater
PDB 5	1/31/2022	FLOW RATE	0.3	gal/min	Groundwater
PDB 5	1/31/2022	PH	5	pH	Groundwater
PDB 5	1/31/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PDB 5	1/31/2022	SPECIFIC CONDUCTANCE	35	uS/cm	Groundwater
PDB 5	1/31/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PDB 5	1/31/2022	TURBIDITY	0.8	NTU	Groundwater
PDB 5	1/31/2022	VOLUME PURGED	15	gal	Groundwater
PDB 5	1/31/2022	WATER TEMPERATURE	20.4	degC	Groundwater
PDB003C	1/31/2022	AIR TEMPERATURE	15.2	degC	Groundwater
PDB003C	1/31/2022	FLOW RATE	0.1	gal/min	Groundwater
PDB003C	1/31/2022	PH	5.1	pH	Groundwater
PDB003C	1/31/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PDB003C	1/31/2022	SPECIFIC CONDUCTANCE	42	uS/cm	Groundwater
PDB003C	1/31/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PDB003C	1/31/2022	TURBIDITY	1.1	NTU	Groundwater
PDB003C	1/31/2022	VOLUME PURGED	1	gal	Groundwater
PDB003C	1/31/2022	WATER TEMPERATURE	20.5	degC	Groundwater
PGW014 B	1/31/2022	AIR TEMPERATURE	17.4	degC	Groundwater
PGW014 B	1/31/2022	FLOW RATE	1	gal/min	Groundwater
PGW014 B	1/31/2022	PH	7.8	pH	Groundwater
PGW014 B	1/31/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW014 B	1/31/2022	SPECIFIC CONDUCTANCE	160	uS/cm	Groundwater
PGW014 B	1/31/2022	TOTAL ALKALINITY (AS CACO3)	76	mg/L	Groundwater
PGW014 B	1/31/2022	TURBIDITY	0.7	NTU	Groundwater
PGW014 B	1/31/2022	VOLUME PURGED	36	gal	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PGW014 B	1/31/2022	WATER TEMPERATURE	19.5	degC	Groundwater
PGW014 C	2/1/2022	AIR TEMPERATURE	12.8	degC	Groundwater
PGW014 C	2/1/2022	FLOW RATE	1	gal/min	Groundwater
PGW014 C	2/1/2022	PH	5.3	pH	Groundwater
PGW014 C	2/1/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW014 C	2/1/2022	SPECIFIC CONDUCTANCE	20	uS/cm	Groundwater
PGW014 C	2/1/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW014 C	2/1/2022	TURBIDITY	0.3	NTU	Groundwater
PGW014 C	2/1/2022	VOLUME PURGED	24	gal	Groundwater
PGW014 C	2/1/2022	WATER TEMPERATURE	18.7	degC	Groundwater
PGW014DU	2/1/2022	AIR TEMPERATURE	13.1	degC	Groundwater
PGW014DU	2/1/2022	FLOW RATE	1	gal/min	Groundwater
PGW014DU	2/1/2022	PH	5.4	pH	Groundwater
PGW014DU	2/1/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW014DU	2/1/2022	SPECIFIC CONDUCTANCE	23	uS/cm	Groundwater
PGW014DU	2/1/2022	TOTAL ALKALINITY (AS CACO3)	2	mg/L	Groundwater
PGW014DU	2/1/2022	TURBIDITY	0.5	NTU	Groundwater
PGW014DU	2/1/2022	VOLUME PURGED	14	gal	Groundwater
PGW014DU	2/1/2022	WATER TEMPERATURE	19.2	degC	Groundwater
PGW016 B	3/21/2022	AIR TEMPERATURE	4.7	degC	Groundwater
PGW016 B	3/21/2022	FLOW RATE	1	gal/min	Groundwater
PGW016 B	3/21/2022	PH	6.9	pH	Groundwater
PGW016 B	3/21/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW016 B	3/21/2022	SPECIFIC CONDUCTANCE	188	uS/cm	Groundwater
PGW016 B	3/21/2022	TOTAL ALKALINITY (AS CACO3)	72	mg/L	Groundwater
PGW016 B	3/21/2022	TURBIDITY	0.3	NTU	Groundwater
PGW016 B	3/21/2022	VOLUME PURGED	35	gal	Groundwater
PGW016 B	3/21/2022	WATER TEMPERATURE	18.7	degC	Groundwater
PGW016 C	1/31/2022	AIR TEMPERATURE	4.2	degC	Groundwater
PGW016 C	1/31/2022	FLOW RATE	0.5	gal/min	Groundwater
PGW016 C	1/31/2022	PH	5.3	pH	Groundwater
PGW016 C	1/31/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW016 C	1/31/2022	SPECIFIC CONDUCTANCE	28	uS/cm	Groundwater
PGW016 C	1/31/2022	TOTAL ALKALINITY (AS CACO3)	1	mg/L	Groundwater
PGW016 C	1/31/2022	TURBIDITY	0.2	NTU	Groundwater
PGW016 C	1/31/2022	VOLUME PURGED	15	gal	Groundwater
PGW016 C	1/31/2022	WATER TEMPERATURE	19.7	degC	Groundwater
PGW016DU	1/31/2022	AIR TEMPERATURE	3	degC	Groundwater
PGW016DU	1/31/2022	FLOW RATE	0.2	gal/min	Groundwater
PGW016DU	1/31/2022	PH	4.9	pH	Groundwater
PGW016DU	1/31/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW016DU	1/31/2022	SPECIFIC CONDUCTANCE	34	uS/cm	Groundwater
PGW016DU	1/31/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW016DU	1/31/2022	TURBIDITY	13.5	NTU	Groundwater
PGW016DU	1/31/2022	VOLUME PURGED	4	gal	Groundwater
PGW016DU	1/31/2022	WATER TEMPERATURE	20.1	degC	Groundwater
PGW017 B	2/1/2022	AIR TEMPERATURE	17.5	degC	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PGW017 B	2/1/2022	FLOW RATE	1	gal/min	Groundwater
PGW017 B	2/1/2022	PH	5.4	pH	Groundwater
PGW017 B	2/1/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW017 B	2/1/2022	SPECIFIC CONDUCTANCE	21	uS/cm	Groundwater
PGW017 B	2/1/2022	TOTAL ALKALINITY (AS CACO3)	4	mg/L	Groundwater
PGW017 B	2/1/2022	TURBIDITY	9.4	NTU	Groundwater
PGW017 B	2/1/2022	VOLUME PURGED	36	gal	Groundwater
PGW017 B	2/1/2022	WATER TEMPERATURE	23	degC	Groundwater
PGW017 C	2/1/2022	AIR TEMPERATURE	17.2	degC	Groundwater
PGW017 C	2/1/2022	FLOW RATE	1	gal/min	Groundwater
PGW017 C	2/1/2022	PH	5.7	pH	Groundwater
PGW017 C	2/1/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW017 C	2/1/2022	SPECIFIC CONDUCTANCE	22	uS/cm	Groundwater
PGW017 C	2/1/2022	TOTAL ALKALINITY (AS CACO3)	6	mg/L	Groundwater
PGW017 C	2/1/2022	TURBIDITY	1	NTU	Groundwater
PGW017 C	2/1/2022	VOLUME PURGED	27	gal	Groundwater
PGW017 C	2/1/2022	WATER TEMPERATURE	20.1	degC	Groundwater
PGW017DU	2/1/2022	AIR TEMPERATURE	10.1	degC	Groundwater
PGW017DU	2/1/2022	FLOW RATE	0.2	gal/min	Groundwater
PGW017DU	2/1/2022	PH	4.9	pH	Groundwater
PGW017DU	2/1/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW017DU	2/1/2022	SPECIFIC CONDUCTANCE	38	uS/cm	Groundwater
PGW017DU	2/1/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW017DU	2/1/2022	TURBIDITY	0.7	NTU	Groundwater
PGW017DU	2/1/2022	VOLUME PURGED	9	gal	Groundwater
PGW017DU	2/1/2022	WATER TEMPERATURE	22.2	degC	Groundwater
PGW018 B	2/14/2022	AIR TEMPERATURE	14.1	degC	Groundwater
PGW018 B	2/14/2022	FLOW RATE	0.1	gal/min	Groundwater
PGW018 B	2/14/2022	PH	5	pH	Groundwater
PGW018 B	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW018 B	2/14/2022	SPECIFIC CONDUCTANCE	42	uS/cm	Groundwater
PGW018 B	2/14/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW018 B	2/14/2022	TURBIDITY	10.7	NTU	Groundwater
PGW018 B	2/14/2022	VOLUME PURGED	3	gal	Groundwater
PGW018 B	2/14/2022	WATER TEMPERATURE	18	degC	Groundwater
PGW018 C	2/14/2022	AIR TEMPERATURE	11.1	degC	Groundwater
PGW018 C	2/14/2022	FLOW RATE	0.1	gal/min	Groundwater
PGW018 C	2/14/2022	PH	5	pH	Groundwater
PGW018 C	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW018 C	2/14/2022	SPECIFIC CONDUCTANCE	23	uS/cm	Groundwater
PGW018 C	2/14/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW018 C	2/14/2022	TURBIDITY	3.1	NTU	Groundwater
PGW018 C	2/14/2022	VOLUME PURGED	1	gal	Groundwater
PGW018 C	2/14/2022	WATER TEMPERATURE	17.4	degC	Groundwater
PGW018DU	2/14/2022	AIR TEMPERATURE	8.8	degC	Groundwater
PGW018DU	2/14/2022	FLOW RATE	0.3	gal/min	Groundwater
PGW018DU	2/14/2022	PH	5	pH	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PGW018DU	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW018DU	2/14/2022	SPECIFIC CONDUCTANCE	28	uS/cm	Groundwater
PGW018DU	2/14/2022	TOTAL ALKALINITY (AS CACO3)	2	mg/L	Groundwater
PGW018DU	2/14/2022	TURBIDITY	49.1	NTU	Groundwater
PGW018DU	2/14/2022	VOLUME PURGED	7	gal	Groundwater
PGW018DU	2/14/2022	WATER TEMPERATURE	17.9	degC	Groundwater
PGW019 B	2/1/2022	AIR TEMPERATURE	16.7	degC	Groundwater
PGW019 B	2/1/2022	FLOW RATE	1	gal/min	Groundwater
PGW019 B	2/1/2022	PH	4.7	pH	Groundwater
PGW019 B	2/1/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW019 B	2/1/2022	SPECIFIC CONDUCTANCE	26	uS/cm	Groundwater
PGW019 B	2/1/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW019 B	2/1/2022	TURBIDITY	0.2	NTU	Groundwater
PGW019 B	2/1/2022	VOLUME PURGED	30	gal	Groundwater
PGW019 B	2/1/2022	WATER TEMPERATURE	21	degC	Groundwater
PGW019 C	2/1/2022	AIR TEMPERATURE	15.6	degC	Groundwater
PGW019 C	2/1/2022	FLOW RATE	1	gal/min	Groundwater
PGW019 C	2/1/2022	PH	4.6	pH	Groundwater
PGW019 C	2/1/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW019 C	2/1/2022	SPECIFIC CONDUCTANCE	20	uS/cm	Groundwater
PGW019 C	2/1/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW019 C	2/1/2022	TURBIDITY	0.3	NTU	Groundwater
PGW019 C	2/1/2022	VOLUME PURGED	26	gal	Groundwater
PGW019 C	2/1/2022	WATER TEMPERATURE	21.8	degC	Groundwater
PGW019DU	2/1/2022	AIR TEMPERATURE	14.4	degC	Groundwater
PGW019DU	2/1/2022	FLOW RATE	0.5	gal/min	Groundwater
PGW019DU	2/1/2022	PH	4.6	pH	Groundwater
PGW019DU	2/1/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW019DU	2/1/2022	SPECIFIC CONDUCTANCE	36	uS/cm	Groundwater
PGW019DU	2/1/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW019DU	2/1/2022	TURBIDITY	1.2	NTU	Groundwater
PGW019DU	2/1/2022	VOLUME PURGED	20	gal	Groundwater
PGW019DU	2/1/2022	WATER TEMPERATURE	21.8	degC	Groundwater
PGW021 B	2/14/2022	AIR TEMPERATURE	10	degC	Groundwater
PGW021 B	2/14/2022	FLOW RATE	1	gal/min	Groundwater
PGW021 B	2/14/2022	PH	5.3	pH	Groundwater
PGW021 B	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW021 B	2/14/2022	SPECIFIC CONDUCTANCE	28	uS/cm	Groundwater
PGW021 B	2/14/2022	TOTAL ALKALINITY (AS CACO3)	7	mg/L	Groundwater
PGW021 B	2/14/2022	TURBIDITY	0.4	NTU	Groundwater
PGW021 B	2/14/2022	VOLUME PURGED	30	gal	Groundwater
PGW021 B	2/14/2022	WATER TEMPERATURE	20.8	degC	Groundwater
PGW021 C	2/14/2022	AIR TEMPERATURE	11.1	degC	Groundwater
PGW021 C	2/14/2022	FLOW RATE	1	gal/min	Groundwater
PGW021 C	2/14/2022	PH	5.4	pH	Groundwater
PGW021 C	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW021 C	2/14/2022	SPECIFIC CONDUCTANCE	31	uS/cm	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PGW021 C	2/14/2022	TOTAL ALKALINITY (AS CACO3)	8	mg/L	Groundwater
PGW021 C	2/14/2022	TURBIDITY	0.3	NTU	Groundwater
PGW021 C	2/14/2022	VOLUME PURGED	25	gal	Groundwater
PGW021 C	2/14/2022	WATER TEMPERATURE	20.8	degC	Groundwater
PGW021DU	2/14/2022	AIR TEMPERATURE	12.8	degC	Groundwater
PGW021DU	2/14/2022	FLOW RATE	1	gal/min	Groundwater
PGW021DU	2/14/2022	PH	5.1	pH	Groundwater
PGW021DU	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW021DU	2/14/2022	SPECIFIC CONDUCTANCE	30	uS/cm	Groundwater
PGW021DU	2/14/2022	TOTAL ALKALINITY (AS CACO3)	3	mg/L	Groundwater
PGW021DU	2/14/2022	TURBIDITY	0.2	NTU	Groundwater
PGW021DU	2/14/2022	VOLUME PURGED	18	gal	Groundwater
PGW021DU	2/14/2022	WATER TEMPERATURE	20.7	degC	Groundwater
PGW022 B	2/14/2022	AIR TEMPERATURE	5.6	degC	Groundwater
PGW022 B	2/14/2022	FLOW RATE	1	gal/min	Groundwater
PGW022 B	2/14/2022	PH	10.5	pH	Groundwater
PGW022 B	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	48	mg/L	Groundwater
PGW022 B	2/14/2022	SPECIFIC CONDUCTANCE	202	uS/cm	Groundwater
PGW022 B	2/14/2022	TOTAL ALKALINITY (AS CACO3)	71	mg/L	Groundwater
PGW022 B	2/14/2022	TURBIDITY	0.8	NTU	Groundwater
PGW022 B	2/14/2022	VOLUME PURGED	28	gal	Groundwater
PGW022 B	2/14/2022	WATER TEMPERATURE	18.2	degC	Groundwater
PGW022 C	2/14/2022	AIR TEMPERATURE	2.8	degC	Groundwater
PGW022 C	2/14/2022	FLOW RATE	1	gal/min	Groundwater
PGW022 C	2/14/2022	PH	5.1	pH	Groundwater
PGW022 C	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW022 C	2/14/2022	SPECIFIC CONDUCTANCE	22	uS/cm	Groundwater
PGW022 C	2/14/2022	TOTAL ALKALINITY (AS CACO3)	3	mg/L	Groundwater
PGW022 C	2/14/2022	TURBIDITY	0.3	NTU	Groundwater
PGW022 C	2/14/2022	VOLUME PURGED	20	gal	Groundwater
PGW022 C	2/14/2022	WATER TEMPERATURE	18	degC	Groundwater
PGW022DU	2/14/2022	AIR TEMPERATURE	2.2	degC	Groundwater
PGW022DU	2/14/2022	FLOW RATE	1	gal/min	Groundwater
PGW022DU	2/14/2022	PH	5.1	pH	Groundwater
PGW022DU	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW022DU	2/14/2022	SPECIFIC CONDUCTANCE	28	uS/cm	Groundwater
PGW022DU	2/14/2022	TOTAL ALKALINITY (AS CACO3)	3	mg/L	Groundwater
PGW022DU	2/14/2022	TURBIDITY	0.3	NTU	Groundwater
PGW022DU	2/14/2022	VOLUME PURGED	17	gal	Groundwater
PGW022DU	2/14/2022	WATER TEMPERATURE	18.1	degC	Groundwater
PGW024 B	2/16/2022	AIR TEMPERATURE	20	degC	Groundwater
PGW024 B	2/16/2022	FLOW RATE	1	gal/min	Groundwater
PGW024 B	2/16/2022	PH	5.1	pH	Groundwater
PGW024 B	2/16/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW024 B	2/16/2022	SPECIFIC CONDUCTANCE	30	uS/cm	Groundwater
PGW024 B	2/16/2022	TOTAL ALKALINITY (AS CACO3)	6	mg/L	Groundwater
PGW024 B	2/16/2022	TURBIDITY	0.7	NTU	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PGW024 B	2/16/2022	VOLUME PURGED	28	gal	Groundwater
PGW024 B	2/16/2022	WATER TEMPERATURE	21.7	degC	Groundwater
PGW024 C	2/16/2022	AIR TEMPERATURE	12.2	degC	Groundwater
PGW024 C	2/16/2022	FLOW RATE	0.3	gal/min	Groundwater
PGW024 C	2/16/2022	PH	6.3	pH	Groundwater
PGW024 C	2/16/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW024 C	2/16/2022	SPECIFIC CONDUCTANCE	170	uS/cm	Groundwater
PGW024 C	2/16/2022	TOTAL ALKALINITY (AS CACO3)	48	mg/L	Groundwater
PGW024 C	2/16/2022	TURBIDITY	3.6	NTU	Groundwater
PGW024 C	2/16/2022	VOLUME PURGED	21	gal	Groundwater
PGW024 C	2/16/2022	WATER TEMPERATURE	21.8	degC	Groundwater
PGW024DU	2/16/2022	AIR TEMPERATURE	16.1	degC	Groundwater
PGW024DU	2/16/2022	FLOW RATE	0.3	gal/min	Groundwater
PGW024DU	2/16/2022	PH	4.7	pH	Groundwater
PGW024DU	2/16/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW024DU	2/16/2022	SPECIFIC CONDUCTANCE	40	uS/cm	Groundwater
PGW024DU	2/16/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW024DU	2/16/2022	TURBIDITY	0.8	NTU	Groundwater
PGW024DU	2/16/2022	VOLUME PURGED	8	gal	Groundwater
PGW024DU	2/16/2022	WATER TEMPERATURE	21.7	degC	Groundwater
PGW025 B	2/3/2022	AIR TEMPERATURE	22.8	degC	Groundwater
PGW025 B	2/3/2022	FLOW RATE	1	gal/min	Groundwater
PGW025 B	2/3/2022	PH	5.3	pH	Groundwater
PGW025 B	2/3/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW025 B	2/3/2022	SPECIFIC CONDUCTANCE	28	uS/cm	Groundwater
PGW025 B	2/3/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW025 B	2/3/2022	TURBIDITY	0.4	NTU	Groundwater
PGW025 B	2/3/2022	VOLUME PURGED	31	gal	Groundwater
PGW025 B	2/3/2022	WATER TEMPERATURE	22.1	degC	Groundwater
PGW025 C	2/3/2022	AIR TEMPERATURE	23.4	degC	Groundwater
PGW025 C	2/3/2022	FLOW RATE	0.5	gal/min	Groundwater
PGW025 C	2/3/2022	PH	5.1	pH	Groundwater
PGW025 C	2/3/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW025 C	2/3/2022	SPECIFIC CONDUCTANCE	45	uS/cm	Groundwater
PGW025 C	2/3/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW025 C	2/3/2022	TURBIDITY	12.1	NTU	Groundwater
PGW025 C	2/3/2022	VOLUME PURGED	26	gal	Groundwater
PGW025 C	2/3/2022	WATER TEMPERATURE	21.4	degC	Groundwater
PGW025DU	2/3/2022	AIR TEMPERATURE	24.5	degC	Groundwater
PGW025DU	2/3/2022	FLOW RATE	1	gal/min	Groundwater
PGW025DU	2/3/2022	PH	5.3	pH	Groundwater
PGW025DU	2/3/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW025DU	2/3/2022	SPECIFIC CONDUCTANCE	46	uS/cm	Groundwater
PGW025DU	2/3/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW025DU	2/3/2022	TURBIDITY	0.5	NTU	Groundwater
PGW025DU	2/3/2022	VOLUME PURGED	20	gal	Groundwater
PGW025DU	2/3/2022	WATER TEMPERATURE	21.9	degC	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PGW026B	2/3/2022	AIR TEMPERATURE	20.1	degC	Groundwater
PGW026B	2/3/2022	FLOW RATE	0.1	gal/min	Groundwater
PGW026B	2/3/2022	PH	5.4	pH	Groundwater
PGW026B	2/3/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW026B	2/3/2022	SPECIFIC CONDUCTANCE	22	uS/cm	Groundwater
PGW026B	2/3/2022	TOTAL ALKALINITY (AS CACO3)	2	mg/L	Groundwater
PGW026B	2/3/2022	TURBIDITY	0.3	NTU	Groundwater
PGW026B	2/3/2022	VOLUME PURGED	1	gal	Groundwater
PGW026B	2/3/2022	WATER TEMPERATURE	18.8	degC	Groundwater
PGW026C	2/3/2022	AIR TEMPERATURE	15.7	degC	Groundwater
PGW026C	2/3/2022	FLOW RATE	0.1	gal/min	Groundwater
PGW026C	2/3/2022	PH	5.3	pH	Groundwater
PGW026C	2/3/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW026C	2/3/2022	SPECIFIC CONDUCTANCE	26	uS/cm	Groundwater
PGW026C	2/3/2022	TOTAL ALKALINITY (AS CACO3)	1	mg/L	Groundwater
PGW026C	2/3/2022	TURBIDITY	1.5	NTU	Groundwater
PGW026C	2/3/2022	VOLUME PURGED	1	gal	Groundwater
PGW026C	2/3/2022	WATER TEMPERATURE	18.2	degC	Groundwater
PGW026DL	2/3/2022	AIR TEMPERATURE	14.8	degC	Groundwater
PGW026DL	2/3/2022	FLOW RATE	0.1	gal/min	Groundwater
PGW026DL	2/3/2022	PH	5.7	pH	Groundwater
PGW026DL	2/3/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW026DL	2/3/2022	SPECIFIC CONDUCTANCE	73	uS/cm	Groundwater
PGW026DL	2/3/2022	TOTAL ALKALINITY (AS CACO3)	3	mg/L	Groundwater
PGW026DL	2/3/2022	TURBIDITY	10.2	NTU	Groundwater
PGW026DL	2/3/2022	VOLUME PURGED	2	gal	Groundwater
PGW026DL	2/3/2022	WATER TEMPERATURE	18.6	degC	Groundwater
PGW027C	2/4/2022	AIR TEMPERATURE	17.9	degC	Groundwater
PGW027C	2/4/2022	FLOW RATE	0.1	gal/min	Groundwater
PGW027C	2/4/2022	PH	5.5	pH	Groundwater
PGW027C	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW027C	2/4/2022	SPECIFIC CONDUCTANCE	23	uS/cm	Groundwater
PGW027C	2/4/2022	TOTAL ALKALINITY (AS CACO3)	4	mg/L	Groundwater
PGW027C	2/4/2022	TURBIDITY	2.6	NTU	Groundwater
PGW027C	2/4/2022	VOLUME PURGED	1	gal	Groundwater
PGW027C	2/4/2022	WATER TEMPERATURE	17.8	degC	Groundwater
PGW027DL	2/4/2022	AIR TEMPERATURE	17.8	degC	Groundwater
PGW027DL	2/4/2022	FLOW RATE	0.1	gal/min	Groundwater
PGW027DL	2/4/2022	PH	5.2	pH	Groundwater
PGW027DL	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW027DL	2/4/2022	SPECIFIC CONDUCTANCE	30	uS/cm	Groundwater
PGW027DL	2/4/2022	TOTAL ALKALINITY (AS CACO3)	2	mg/L	Groundwater
PGW027DL	2/4/2022	TURBIDITY	0.9	NTU	Groundwater
PGW027DL	2/4/2022	VOLUME PURGED	1	gal	Groundwater
PGW027DL	2/4/2022	WATER TEMPERATURE	16.8	degC	Groundwater
PGW027DU	2/4/2022	AIR TEMPERATURE	17.8	degC	Groundwater
PGW027DU	2/4/2022	FLOW RATE	0.1	gal/min	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PGW027DU	2/4/2022	PH	4.9	pH	Groundwater
PGW027DU	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW027DU	2/4/2022	SPECIFIC CONDUCTANCE	22	uS/cm	Groundwater
PGW027DU	2/4/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW027DU	2/4/2022	TURBIDITY	2.4	NTU	Groundwater
PGW027DU	2/4/2022	VOLUME PURGED	1	gal	Groundwater
PGW027DU	2/4/2022	WATER TEMPERATURE	17.3	degC	Groundwater
PGW028C	2/4/2022	AIR TEMPERATURE	18.4	degC	Groundwater
PGW028C	2/4/2022	FLOW RATE	0.2	gal/min	Groundwater
PGW028C	2/4/2022	PH	4.7	pH	Groundwater
PGW028C	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW028C	2/4/2022	SPECIFIC CONDUCTANCE	25	uS/cm	Groundwater
PGW028C	2/4/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW028C	2/4/2022	TURBIDITY	1	NTU	Groundwater
PGW028C	2/4/2022	VOLUME PURGED	1	gal	Groundwater
PGW028C	2/4/2022	WATER TEMPERATURE	18.4	degC	Groundwater
PGW028DU	2/4/2022	AIR TEMPERATURE	18.3	degC	Groundwater
PGW028DU	2/4/2022	FLOW RATE	0.2	gal/min	Groundwater
PGW028DU	2/4/2022	PH	4.5	pH	Groundwater
PGW028DU	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW028DU	2/4/2022	SPECIFIC CONDUCTANCE	36	uS/cm	Groundwater
PGW028DU	2/4/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW028DU	2/4/2022	TURBIDITY	4.1	NTU	Groundwater
PGW028DU	2/4/2022	VOLUME PURGED	1	gal	Groundwater
PGW028DU	2/4/2022	WATER TEMPERATURE	18.6	degC	Groundwater
PGW029C	2/4/2022	AIR TEMPERATURE	17.8	degC	Groundwater
PGW029C	2/4/2022	FLOW RATE	0.2	gal/min	Groundwater
PGW029C	2/4/2022	PH	5.8	pH	Groundwater
PGW029C	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW029C	2/4/2022	SPECIFIC CONDUCTANCE	35	uS/cm	Groundwater
PGW029C	2/4/2022	TOTAL ALKALINITY (AS CACO3)	3	mg/L	Groundwater
PGW029C	2/4/2022	TURBIDITY	7.9	NTU	Groundwater
PGW029C	2/4/2022	VOLUME PURGED	1	gal	Groundwater
PGW029C	2/4/2022	WATER TEMPERATURE	20.4	degC	Groundwater
PGW029DL	2/4/2022	AIR TEMPERATURE	17.6	degC	Groundwater
PGW029DL	2/4/2022	FLOW RATE	0.2	gal/min	Groundwater
PGW029DL	2/4/2022	PH	5.3	pH	Groundwater
PGW029DL	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW029DL	2/4/2022	SPECIFIC CONDUCTANCE	44	uS/cm	Groundwater
PGW029DL	2/4/2022	TOTAL ALKALINITY (AS CACO3)	2	mg/L	Groundwater
PGW029DL	2/4/2022	TURBIDITY	0.7	NTU	Groundwater
PGW029DL	2/4/2022	VOLUME PURGED	2	gal	Groundwater
PGW029DL	2/4/2022	WATER TEMPERATURE	20.5	degC	Groundwater
PGW030B	2/3/2022	AIR TEMPERATURE	23.3	degC	Groundwater
PGW030B	2/3/2022	FLOW RATE	0.2	gal/min	Groundwater
PGW030B	2/3/2022	PH	5.3	pH	Groundwater
PGW030B	2/3/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PGW030B	2/3/2022	SPECIFIC CONDUCTANCE	20	uS/cm	Groundwater
PGW030B	2/3/2022	TOTAL ALKALINITY (AS CACO3)	2	mg/L	Groundwater
PGW030B	2/3/2022	TURBIDITY	4.2	NTU	Groundwater
PGW030B	2/3/2022	VOLUME PURGED	2	gal	Groundwater
PGW030B	2/3/2022	WATER TEMPERATURE	21	degC	Groundwater
PGW030BL	2/3/2022	AIR TEMPERATURE	25.4	degC	Groundwater
PGW030BL	2/3/2022	FLOW RATE	0.2	gal/min	Groundwater
PGW030BL	2/3/2022	PH	6.3	pH	Groundwater
PGW030BL	2/3/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW030BL	2/3/2022	SPECIFIC CONDUCTANCE	69	uS/cm	Groundwater
PGW030BL	2/3/2022	TOTAL ALKALINITY (AS CACO3)	6	mg/L	Groundwater
PGW030BL	2/3/2022	TURBIDITY	2.2	NTU	Groundwater
PGW030BL	2/3/2022	VOLUME PURGED	2	gal	Groundwater
PGW030BL	2/3/2022	WATER TEMPERATURE	21.1	degC	Groundwater
PGW031B	2/4/2022	AIR TEMPERATURE	17.8	degC	Groundwater
PGW031B	2/4/2022	FLOW RATE	0.2	gal/min	Groundwater
PGW031B	2/4/2022	PH	5.2	pH	Groundwater
PGW031B	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW031B	2/4/2022	SPECIFIC CONDUCTANCE	20	uS/cm	Groundwater
PGW031B	2/4/2022	TOTAL ALKALINITY (AS CACO3)	1	mg/L	Groundwater
PGW031B	2/4/2022	TURBIDITY	0.5	NTU	Groundwater
PGW031B	2/4/2022	VOLUME PURGED	1	gal	Groundwater
PGW031B	2/4/2022	WATER TEMPERATURE	19.4	degC	Groundwater
PGW031C	2/4/2022	AIR TEMPERATURE	17.6	degC	Groundwater
PGW031C	2/4/2022	FLOW RATE	0.2	gal/min	Groundwater
PGW031C	2/4/2022	PH	5.3	pH	Groundwater
PGW031C	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW031C	2/4/2022	SPECIFIC CONDUCTANCE	24	uS/cm	Groundwater
PGW031C	2/4/2022	TOTAL ALKALINITY (AS CACO3)	1	mg/L	Groundwater
PGW031C	2/4/2022	TURBIDITY	2.2	NTU	Groundwater
PGW031C	2/4/2022	VOLUME PURGED	1	gal	Groundwater
PGW031C	2/4/2022	WATER TEMPERATURE	19.5	degC	Groundwater
PGW033A	2/14/2022	AIR TEMPERATURE	1.9	degC	Groundwater
PGW033A	2/14/2022	FLOW RATE	0.1	gal/min	Groundwater
PGW033A	2/14/2022	PH	7.9	pH	Groundwater
PGW033A	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW033A	2/14/2022	SPECIFIC CONDUCTANCE	185	uS/cm	Groundwater
PGW033A	2/14/2022	TOTAL ALKALINITY (AS CACO3)	47	mg/L	Groundwater
PGW033A	2/14/2022	TURBIDITY	151	NTU	Groundwater
PGW033A	2/14/2022	VOLUME PURGED	5	gal	Groundwater
PGW033A	2/14/2022	WATER TEMPERATURE	18.3	degC	Groundwater
PGW034DL	2/14/2022	AIR TEMPERATURE	12.7	degC	Groundwater
PGW034DL	2/14/2022	FLOW RATE	0.1	gal/min	Groundwater
PGW034DL	2/14/2022	PH	5.6	pH	Groundwater
PGW034DL	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW034DL	2/14/2022	SPECIFIC CONDUCTANCE	27	uS/cm	Groundwater
PGW034DL	2/14/2022	TOTAL ALKALINITY (AS CACO3)	2	mg/L	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PGW034DL	2/14/2022	TURBIDITY	0.3	NTU	Groundwater
PGW034DL	2/14/2022	VOLUME PURGED	1	gal	Groundwater
PGW034DL	2/14/2022	WATER TEMPERATURE	19	degC	Groundwater
PGW035C	2/4/2022	AIR TEMPERATURE	18.1	degC	Groundwater
PGW035C	2/4/2022	FLOW RATE	0.2	gal/min	Groundwater
PGW035C	2/4/2022	PH	4.9	pH	Groundwater
PGW035C	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW035C	2/4/2022	SPECIFIC CONDUCTANCE	40	uS/cm	Groundwater
PGW035C	2/4/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW035C	2/4/2022	TURBIDITY	3.9	NTU	Groundwater
PGW035C	2/4/2022	VOLUME PURGED	1	gal	Groundwater
PGW035C	2/4/2022	WATER TEMPERATURE	19.2	degC	Groundwater
PGW035CU	8/29/2022	AIR TEMPERATURE	24.3	degC	Groundwater
PGW035CU	8/29/2022	FLOW RATE	0.1	gal/min	Groundwater
PGW035CU	8/29/2022	PH	5.5	pH	Groundwater
PGW035CU	8/29/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW035CU	8/29/2022	SPECIFIC CONDUCTANCE	23	uS/cm	Groundwater
PGW035CU	8/29/2022	TOTAL ALKALINITY (AS CACO3)	6	mg/L	Groundwater
PGW035CU	8/29/2022	TURBIDITY	10.9	NTU	Groundwater
PGW035CU	8/29/2022	VOLUME PURGED	1	gal	Groundwater
PGW035CU	8/29/2022	WATER TEMPERATURE	20.3	degC	Groundwater
PGW035D	2/4/2022	AIR TEMPERATURE	18.6	degC	Groundwater
PGW035D	2/4/2022	FLOW RATE	0.2	gal/min	Groundwater
PGW035D	2/4/2022	PH	6	pH	Groundwater
PGW035D	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW035D	2/4/2022	SPECIFIC CONDUCTANCE	102	uS/cm	Groundwater
PGW035D	2/4/2022	TOTAL ALKALINITY (AS CACO3)	12	mg/L	Groundwater
PGW035D	2/4/2022	TURBIDITY	9.9	NTU	Groundwater
PGW035D	2/4/2022	VOLUME PURGED	1	gal	Groundwater
PGW035D	2/4/2022	WATER TEMPERATURE	19.6	degC	Groundwater
PGW-03A	1/31/2022	AIR TEMPERATURE	16.1	degC	Groundwater
PGW-03A	1/31/2022	FLOW RATE	0.1	gal/min	Groundwater
PGW-03A	1/31/2022	PH	8.3	pH	Groundwater
PGW-03A	1/31/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PGW-03A	1/31/2022	SPECIFIC CONDUCTANCE	129	uS/cm	Groundwater
PGW-03A	1/31/2022	TOTAL ALKALINITY (AS CACO3)	54	mg/L	Groundwater
PGW-03A	1/31/2022	TURBIDITY	2.8	NTU	Groundwater
PGW-03A	1/31/2022	VOLUME PURGED	2	gal	Groundwater
PGW-03A	1/31/2022	WATER TEMPERATURE	18	degC	Groundwater
PIW001D	5/17/2021	AIR TEMPERATURE	28.2	degC	Groundwater
PIW001D	8/2/2021	AIR TEMPERATURE	24.2	degC	Groundwater
PIW001D	11/4/2021	AIR TEMPERATURE	9.8	degC	Groundwater
PIW001D	2/8/2022	AIR TEMPERATURE	6.2	degC	Groundwater
PIW001D	5/17/2021	FLOW RATE	0.1	gal/min	Groundwater
PIW001D	8/2/2021	FLOW RATE	0.1	gal/min	Groundwater
PIW001D	11/4/2021	FLOW RATE	0.1	gal/min	Groundwater
PIW001D	2/8/2022	FLOW RATE	0.1	gal/min	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PIW001D	5/17/2021	OXIDATION/REDUCTION POTENTIAL	-520	mV	Groundwater
PIW001D	8/2/2021	OXIDATION/REDUCTION POTENTIAL	-436	mV	Groundwater
PIW001D	11/4/2021	OXIDATION/REDUCTION POTENTIAL	-290	mV	Groundwater
PIW001D	2/8/2022	OXIDATION/REDUCTION POTENTIAL	-378	mV	Groundwater
PIW001D	5/17/2021	OXYGEN	0	mg/L	Groundwater
PIW001D	8/2/2021	OXYGEN	3	mg/L	Groundwater
PIW001D	11/4/2021	OXYGEN	21	mg/L	Groundwater
PIW001D	2/8/2022	OXYGEN	2	mg/L	Groundwater
PIW001D	5/17/2021	PH	10.9	pH	Groundwater
PIW001D	8/2/2021	PH	11	pH	Groundwater
PIW001D	11/4/2021	PH	10.7	pH	Groundwater
PIW001D	2/8/2022	PH	10.7	pH	Groundwater
PIW001D	5/17/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	67	mg/L	Groundwater
PIW001D	8/2/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	52	mg/L	Groundwater
PIW001D	11/4/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	860	mg/L	Groundwater
PIW001D	2/8/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	63	mg/L	Groundwater
PIW001D	5/17/2021	SPECIFIC CONDUCTANCE	570	uS/cm	Groundwater
PIW001D	8/2/2021	SPECIFIC CONDUCTANCE	606	uS/cm	Groundwater
PIW001D	11/4/2021	SPECIFIC CONDUCTANCE	455	uS/cm	Groundwater
PIW001D	2/8/2022	SPECIFIC CONDUCTANCE	498	uS/cm	Groundwater
PIW001D	5/17/2021	TOTAL ALKALINITY (AS CACO3)	152	mg/L	Groundwater
PIW001D	5/17/2021	TOTAL ALKALINITY (AS CACO3)	149	mg/L	Groundwater
PIW001D	8/2/2021	TOTAL ALKALINITY (AS CACO3)	136	mg/L	Groundwater
PIW001D	8/2/2021	TOTAL ALKALINITY (AS CACO3)	207	mg/L	Groundwater
PIW001D	11/4/2021	TOTAL ALKALINITY (AS CACO3)	892	mg/L	Groundwater
PIW001D	11/4/2021	TOTAL ALKALINITY (AS CACO3)	130	mg/L	Groundwater
PIW001D	2/8/2022	TOTAL ALKALINITY (AS CACO3)	98	mg/L	Groundwater
PIW001D	2/8/2022	TOTAL ALKALINITY (AS CACO3)	148	mg/L	Groundwater
PIW001D	5/17/2021	TOTAL DISSOLVED SOLIDS	271	mg/L	Groundwater
PIW001D	8/2/2021	TOTAL DISSOLVED SOLIDS	343	mg/L	Groundwater
PIW001D	11/4/2021	TOTAL DISSOLVED SOLIDS	224	mg/L	Groundwater
PIW001D	2/8/2022	TOTAL DISSOLVED SOLIDS	229	mg/L	Groundwater
PIW001D	5/17/2021	TURBIDITY	2.7	NTU	Groundwater
PIW001D	8/2/2021	TURBIDITY	2.8	NTU	Groundwater
PIW001D	11/4/2021	TURBIDITY	2.7	NTU	Groundwater
PIW001D	2/8/2022	TURBIDITY	0.7	NTU	Groundwater
PIW001D	5/17/2021	VOLUME PURGED	2	gal	Groundwater
PIW001D	8/2/2021	VOLUME PURGED	1	gal	Groundwater
PIW001D	11/4/2021	VOLUME PURGED	1	gal	Groundwater
PIW001D	2/8/2022	VOLUME PURGED	1	gal	Groundwater
PIW001D	5/17/2021	WATER TEMPERATURE	22.2	degC	Groundwater
PIW001D	8/2/2021	WATER TEMPERATURE	22.8	degC	Groundwater
PIW001D	11/4/2021	WATER TEMPERATURE	18	degC	Groundwater
PIW001D	2/8/2022	WATER TEMPERATURE	16.5	degC	Groundwater
PIW002D	5/17/2021	AIR TEMPERATURE	29.3	degC	Groundwater
PIW002D	8/2/2021	AIR TEMPERATURE	29.6	degC	Groundwater
PIW002D	11/4/2021	AIR TEMPERATURE	11.1	degC	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PIW002D	2/8/2022	AIR TEMPERATURE	9.5	degC	Groundwater
PIW002D	5/17/2021	FLOW RATE	0.1	gal/min	Groundwater
PIW002D	8/2/2021	FLOW RATE	0.1	gal/min	Groundwater
PIW002D	11/4/2021	FLOW RATE	0.1	gal/min	Groundwater
PIW002D	2/8/2022	FLOW RATE	0.1	gal/min	Groundwater
PIW002D	5/17/2021	OXIDATION/REDUCTION POTENTIAL	-337	mV	Groundwater
PIW002D	8/2/2021	OXIDATION/REDUCTION POTENTIAL	-448	mV	Groundwater
PIW002D	11/4/2021	OXIDATION/REDUCTION POTENTIAL	-366	mV	Groundwater
PIW002D	2/8/2022	OXIDATION/REDUCTION POTENTIAL	-349.7	mV	Groundwater
PIW002D	5/17/2021	OXYGEN	0	mg/L	Groundwater
PIW002D	8/2/2021	OXYGEN	2	mg/L	Groundwater
PIW002D	11/4/2021	OXYGEN	9	mg/L	Groundwater
PIW002D	2/8/2022	OXYGEN	8	mg/L	Groundwater
PIW002D	5/17/2021	PH	11.1	pH	Groundwater
PIW002D	8/2/2021	PH	11.2	pH	Groundwater
PIW002D	11/4/2021	PH	10.9	pH	Groundwater
PIW002D	2/8/2022	PH	10.8	pH	Groundwater
PIW002D	5/17/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	98	mg/L	Groundwater
PIW002D	8/2/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	57	mg/L	Groundwater
PIW002D	11/4/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	991	mg/L	Groundwater
PIW002D	2/8/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	117	mg/L	Groundwater
PIW002D	5/17/2021	SPECIFIC CONDUCTANCE	858	uS/cm	Groundwater
PIW002D	8/2/2021	SPECIFIC CONDUCTANCE	845	uS/cm	Groundwater
PIW002D	11/4/2021	SPECIFIC CONDUCTANCE	777	uS/cm	Groundwater
PIW002D	2/8/2022	SPECIFIC CONDUCTANCE	680	uS/cm	Groundwater
PIW002D	5/17/2021	TOTAL ALKALINITY (AS CACO3)	245	mg/L	Groundwater
PIW002D	5/17/2021	TOTAL ALKALINITY (AS CACO3)	220	mg/L	Groundwater
PIW002D	8/2/2021	TOTAL ALKALINITY (AS CACO3)	162	mg/L	Groundwater
PIW002D	8/2/2021	TOTAL ALKALINITY (AS CACO3)	211	mg/L	Groundwater
PIW002D	11/4/2021	TOTAL ALKALINITY (AS CACO3)	1031	mg/L	Groundwater
PIW002D	11/4/2021	TOTAL ALKALINITY (AS CACO3)	185	mg/L	Groundwater
PIW002D	11/4/2021	TOTAL ALKALINITY (AS CACO3)	183	mg/L	Groundwater
PIW002D	2/8/2022	TOTAL ALKALINITY (AS CACO3)	159	mg/L	Groundwater
PIW002D	2/8/2022	TOTAL ALKALINITY (AS CACO3)	190	mg/L	Groundwater
PIW002D	2/8/2022	TOTAL ALKALINITY (AS CACO3)	190	mg/L	Groundwater
PIW002D	5/17/2021	TOTAL DISSOLVED SOLIDS	450	mg/L	Groundwater
PIW002D	8/2/2021	TOTAL DISSOLVED SOLIDS	383	mg/L	Groundwater
PIW002D	11/4/2021	TOTAL DISSOLVED SOLIDS	319	mg/L	Groundwater
PIW002D	11/4/2021	TOTAL DISSOLVED SOLIDS	313	mg/L	Groundwater
PIW002D	2/8/2022	TOTAL DISSOLVED SOLIDS	353	mg/L	Groundwater
PIW002D	5/17/2021	TURBIDITY	2.5	NTU	Groundwater
PIW002D	8/2/2021	TURBIDITY	1.6	NTU	Groundwater
PIW002D	11/4/2021	TURBIDITY	0.9	NTU	Groundwater
PIW002D	2/8/2022	TURBIDITY	0.5	NTU	Groundwater
PIW002D	5/17/2021	VOLUME PURGED	2	gal	Groundwater
PIW002D	8/2/2021	VOLUME PURGED	1	gal	Groundwater
PIW002D	11/4/2021	VOLUME PURGED	1	gal	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PIW002D	2/8/2022	VOLUME PURGED	1	gal	Groundwater
PIW002D	5/17/2021	WATER TEMPERATURE	21.6	degC	Groundwater
PIW002D	8/2/2021	WATER TEMPERATURE	22	degC	Groundwater
PIW002D	11/4/2021	WATER TEMPERATURE	20	degC	Groundwater
PIW002D	2/8/2022	WATER TEMPERATURE	18.5	degC	Groundwater
PIW003D	5/17/2021	AIR TEMPERATURE	29.5	degC	Groundwater
PIW003D	8/2/2021	AIR TEMPERATURE	31.2	degC	Groundwater
PIW003D	11/4/2021	AIR TEMPERATURE	12.2	degC	Groundwater
PIW003D	2/8/2022	AIR TEMPERATURE	10.6	degC	Groundwater
PIW003D	5/17/2021	FLOW RATE	0.1	gal/min	Groundwater
PIW003D	8/2/2021	FLOW RATE	0.1	gal/min	Groundwater
PIW003D	11/4/2021	FLOW RATE	0.1	gal/min	Groundwater
PIW003D	2/8/2022	FLOW RATE	0.1	gal/min	Groundwater
PIW003D	5/17/2021	OXIDATION/REDUCTION POTENTIAL	-342	mV	Groundwater
PIW003D	8/2/2021	OXIDATION/REDUCTION POTENTIAL	-459	mV	Groundwater
PIW003D	11/4/2021	OXIDATION/REDUCTION POTENTIAL	-345	mV	Groundwater
PIW003D	2/8/2022	OXIDATION/REDUCTION POTENTIAL	-405.8	mV	Groundwater
PIW003D	5/17/2021	OXYGEN	0.9	mg/L	Groundwater
PIW003D	8/2/2021	OXYGEN	1	mg/L	Groundwater
PIW003D	11/4/2021	OXYGEN	4	mg/L	Groundwater
PIW003D	2/8/2022	OXYGEN	2	mg/L	Groundwater
PIW003D	5/17/2021	PH	10.9	pH	Groundwater
PIW003D	8/2/2021	PH	10.9	pH	Groundwater
PIW003D	11/4/2021	PH	10.3	pH	Groundwater
PIW003D	2/8/2022	PH	10.5	pH	Groundwater
PIW003D	5/17/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	75	mg/L	Groundwater
PIW003D	8/2/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	25	mg/L	Groundwater
PIW003D	11/4/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	786	mg/L	Groundwater
PIW003D	2/8/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	39	mg/L	Groundwater
PIW003D	5/17/2021	SPECIFIC CONDUCTANCE	454	uS/cm	Groundwater
PIW003D	8/2/2021	SPECIFIC CONDUCTANCE	423	uS/cm	Groundwater
PIW003D	11/4/2021	SPECIFIC CONDUCTANCE	373	uS/cm	Groundwater
PIW003D	2/8/2022	SPECIFIC CONDUCTANCE	344	uS/cm	Groundwater
PIW003D	5/17/2021	TOTAL ALKALINITY (AS CACO3)	147	mg/L	Groundwater
PIW003D	5/17/2021	TOTAL ALKALINITY (AS CACO3)	149	mg/L	Groundwater
PIW003D	8/2/2021	TOTAL ALKALINITY (AS CACO3)	79	mg/L	Groundwater
PIW003D	8/2/2021	TOTAL ALKALINITY (AS CACO3)	124	mg/L	Groundwater
PIW003D	11/4/2021	TOTAL ALKALINITY (AS CACO3)	816	mg/L	Groundwater
PIW003D	11/4/2021	TOTAL ALKALINITY (AS CACO3)	110	mg/L	Groundwater
PIW003D	2/8/2022	TOTAL ALKALINITY (AS CACO3)	78	mg/L	Groundwater
PIW003D	2/8/2022	TOTAL ALKALINITY (AS CACO3)	104	mg/L	Groundwater
PIW003D	5/17/2021	TOTAL DISSOLVED SOLIDS	229	mg/L	Groundwater
PIW003D	8/2/2021	TOTAL DISSOLVED SOLIDS	229	mg/L	Groundwater
PIW003D	11/4/2021	TOTAL DISSOLVED SOLIDS	180	mg/L	Groundwater
PIW003D	2/8/2022	TOTAL DISSOLVED SOLIDS	187	mg/L	Groundwater
PIW003D	5/17/2021	TURBIDITY	2.2	NTU	Groundwater
PIW003D	8/2/2021	TURBIDITY	1.1	NTU	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PIW003D	11/4/2021	TURBIDITY	1.4	NTU	Groundwater
PIW003D	2/8/2022	TURBIDITY	0.5	NTU	Groundwater
PIW003D	5/17/2021	VOLUME PURGED	2	gal	Groundwater
PIW003D	8/2/2021	VOLUME PURGED	1	gal	Groundwater
PIW003D	11/4/2021	VOLUME PURGED	1	gal	Groundwater
PIW003D	2/8/2022	VOLUME PURGED	1	gal	Groundwater
PIW003D	5/17/2021	WATER TEMPERATURE	22.1	degC	Groundwater
PIW003D	8/2/2021	WATER TEMPERATURE	21.7	degC	Groundwater
PIW003D	11/4/2021	WATER TEMPERATURE	20.3	degC	Groundwater
PIW003D	2/8/2022	WATER TEMPERATURE	19.4	degC	Groundwater
PIW004D	5/17/2021	AIR TEMPERATURE	30.2	degC	Groundwater
PIW004D	8/2/2021	AIR TEMPERATURE	33.1	degC	Groundwater
PIW004D	11/4/2021	AIR TEMPERATURE	12.7	degC	Groundwater
PIW004D	2/8/2022	AIR TEMPERATURE	11.1	degC	Groundwater
PIW004D	5/17/2021	FLOW RATE	0.1	gal/min	Groundwater
PIW004D	8/2/2021	FLOW RATE	0.1	gal/min	Groundwater
PIW004D	11/4/2021	FLOW RATE	0.1	gal/min	Groundwater
PIW004D	2/8/2022	FLOW RATE	0.1	gal/min	Groundwater
PIW004D	5/17/2021	OXIDATION/REDUCTION POTENTIAL	-480	mV	Groundwater
PIW004D	8/2/2021	OXIDATION/REDUCTION POTENTIAL	-418	mV	Groundwater
PIW004D	11/4/2021	OXIDATION/REDUCTION POTENTIAL	-322	mV	Groundwater
PIW004D	2/8/2022	OXIDATION/REDUCTION POTENTIAL	-393	mV	Groundwater
PIW004D	5/17/2021	OXYGEN	2	mg/L	Groundwater
PIW004D	8/2/2021	OXYGEN	2	mg/L	Groundwater
PIW004D	11/4/2021	OXYGEN	12	mg/L	Groundwater
PIW004D	2/8/2022	OXYGEN	4	mg/L	Groundwater
PIW004D	5/17/2021	PH	10.8	pH	Groundwater
PIW004D	8/2/2021	PH	11	pH	Groundwater
PIW004D	11/4/2021	PH	10.6	pH	Groundwater
PIW004D	2/8/2022	PH	10.7	pH	Groundwater
PIW004D	5/17/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	123	mg/L	Groundwater
PIW004D	8/2/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	38	mg/L	Groundwater
PIW004D	11/4/2021	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	907	mg/L	Groundwater
PIW004D	2/8/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	184	mg/L	Groundwater
PIW004D	5/17/2021	SPECIFIC CONDUCTANCE	1025	uS/cm	Groundwater
PIW004D	8/2/2021	SPECIFIC CONDUCTANCE	831	uS/cm	Groundwater
PIW004D	11/4/2021	SPECIFIC CONDUCTANCE	914	uS/cm	Groundwater
PIW004D	2/8/2022	SPECIFIC CONDUCTANCE	847	uS/cm	Groundwater
PIW004D	5/17/2021	TOTAL ALKALINITY (AS CACO3)	441	mg/L	Groundwater
PIW004D	5/17/2021	TOTAL ALKALINITY (AS CACO3)	307	mg/L	Groundwater
PIW004D	5/17/2021	TOTAL ALKALINITY (AS CACO3)	313	mg/L	Groundwater
PIW004D	8/2/2021	TOTAL ALKALINITY (AS CACO3)	212	mg/L	Groundwater
PIW004D	8/2/2021	TOTAL ALKALINITY (AS CACO3)	377	mg/L	Groundwater
PIW004D	8/2/2021	TOTAL ALKALINITY (AS CACO3)	373	mg/L	Groundwater
PIW004D	11/4/2021	TOTAL ALKALINITY (AS CACO3)	943	mg/L	Groundwater
PIW004D	11/4/2021	TOTAL ALKALINITY (AS CACO3)	269	mg/L	Groundwater
PIW004D	2/8/2022	TOTAL ALKALINITY (AS CACO3)	273	mg/L	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PIW004D	2/8/2022	TOTAL ALKALINITY (AS CACO3)	295	mg/L	Groundwater
PIW004D	5/17/2021	TOTAL DISSOLVED SOLIDS	681	mg/L	Groundwater
PIW004D	5/17/2021	TOTAL DISSOLVED SOLIDS	700	mg/L	Groundwater
PIW004D	8/2/2021	TOTAL DISSOLVED SOLIDS	814	mg/L	Groundwater
PIW004D	8/2/2021	TOTAL DISSOLVED SOLIDS	807	mg/L	Groundwater
PIW004D	11/4/2021	TOTAL DISSOLVED SOLIDS	564	mg/L	Groundwater
PIW004D	2/8/2022	TOTAL DISSOLVED SOLIDS	509	mg/L	Groundwater
PIW004D	2/8/2022	TOTAL DISSOLVED SOLIDS	493	mg/L	Groundwater
PIW004D	5/17/2021	TURBIDITY	0.8	NTU	Groundwater
PIW004D	8/2/2021	TURBIDITY	0.7	NTU	Groundwater
PIW004D	11/4/2021	TURBIDITY	4.9	NTU	Groundwater
PIW004D	2/8/2022	TURBIDITY	0.7	NTU	Groundwater
PIW004D	5/17/2021	VOLUME PURGED	2	gal	Groundwater
PIW004D	8/2/2021	VOLUME PURGED	1	gal	Groundwater
PIW004D	11/4/2021	VOLUME PURGED	1	gal	Groundwater
PIW004D	2/8/2022	VOLUME PURGED	1	gal	Groundwater
PIW004D	5/17/2021	WATER TEMPERATURE	21.4	degC	Groundwater
PIW004D	8/2/2021	WATER TEMPERATURE	21.4	degC	Groundwater
PIW004D	11/4/2021	WATER TEMPERATURE	19.9	degC	Groundwater
PIW004D	2/8/2022	WATER TEMPERATURE	19.4	degC	Groundwater
PMP004DL	2/3/2022	AIR TEMPERATURE	17.1	degC	Groundwater
PMP004DL	2/3/2022	FLOW RATE	0.1	gal/min	Groundwater
PMP004DL	2/3/2022	PH	5.6	pH	Groundwater
PMP004DL	2/3/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PMP004DL	2/3/2022	SPECIFIC CONDUCTANCE	67	uS/cm	Groundwater
PMP004DL	2/3/2022	TOTAL ALKALINITY (AS CACO3)	14	mg/L	Groundwater
PMP004DL	2/3/2022	TURBIDITY	11.6	NTU	Groundwater
PMP004DL	2/3/2022	VOLUME PURGED	1	gal	Groundwater
PMP004DL	2/3/2022	WATER TEMPERATURE	18.4	degC	Groundwater
PMP007DL	2/3/2022	AIR TEMPERATURE	19.7	degC	Groundwater
PMP007DL	2/3/2022	FLOW RATE	0.1	gal/min	Groundwater
PMP007DL	2/3/2022	PH	5.8	pH	Groundwater
PMP007DL	2/3/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PMP007DL	2/3/2022	SPECIFIC CONDUCTANCE	51	uS/cm	Groundwater
PMP007DL	2/3/2022	TOTAL ALKALINITY (AS CACO3)	16	mg/L	Groundwater
PMP007DL	2/3/2022	TURBIDITY	22.8	NTU	Groundwater
PMP007DL	2/3/2022	VOLUME PURGED	2	gal	Groundwater
PMP007DL	2/3/2022	WATER TEMPERATURE	21.2	degC	Groundwater
PMP008DL	2/3/2022	AIR TEMPERATURE	17.3	degC	Groundwater
PMP008DL	2/3/2022	FLOW RATE	0.1	gal/min	Groundwater
PMP008DL	2/3/2022	PH	5.7	pH	Groundwater
PMP008DL	2/3/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PMP008DL	2/3/2022	SPECIFIC CONDUCTANCE	39	uS/cm	Groundwater
PMP008DL	2/3/2022	TOTAL ALKALINITY (AS CACO3)	2	mg/L	Groundwater
PMP008DL	2/3/2022	TURBIDITY	285	NTU	Groundwater
PMP008DL	2/3/2022	VOLUME PURGED	2	gal	Groundwater
PMP008DL	2/3/2022	WATER TEMPERATURE	21	degC	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PMW001DL	2/3/2022	AIR TEMPERATURE	23.3	degC	Groundwater
PMW001DL	2/3/2022	FLOW RATE	0.1	gal/min	Groundwater
PMW001DL	2/3/2022	PH	5.8	pH	Groundwater
PMW001DL	2/3/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PMW001DL	2/3/2022	SPECIFIC CONDUCTANCE	45	uS/cm	Groundwater
PMW001DL	2/3/2022	TOTAL ALKALINITY (AS CACO3)	9	mg/L	Groundwater
PMW001DL	2/3/2022	TURBIDITY	0.7	NTU	Groundwater
PMW001DL	2/3/2022	VOLUME PURGED	3	gal	Groundwater
PMW001DL	2/3/2022	WATER TEMPERATURE	20.8	degC	Groundwater
PMW005DL	2/3/2022	AIR TEMPERATURE	22.8	degC	Groundwater
PMW005DL	2/3/2022	FLOW RATE	0.1	gal/min	Groundwater
PMW005DL	2/3/2022	PH	7.5	pH	Groundwater
PMW005DL	2/3/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PMW005DL	2/3/2022	SPECIFIC CONDUCTANCE	6437	uS/cm	Groundwater
PMW005DL	2/3/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PMW005DL	2/3/2022	TURBIDITY	21	NTU	Groundwater
PMW005DL	2/3/2022	VOLUME PURGED	4	gal	Groundwater
PMW005DL	2/3/2022	WATER TEMPERATURE	20.9	degC	Groundwater
PRB001DU	2/4/2022	AIR TEMPERATURE	17.2	degC	Groundwater
PRB001DU	2/4/2022	FLOW RATE	0.1	gal/min	Groundwater
PRB001DU	2/4/2022	PH	7.1	pH	Groundwater
PRB001DU	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PRB001DU	2/4/2022	SPECIFIC CONDUCTANCE	276	uS/cm	Groundwater
PRB001DU	2/4/2022	TOTAL ALKALINITY (AS CACO3)	118	mg/L	Groundwater
PRB001DU	2/4/2022	TURBIDITY	13.7	NTU	Groundwater
PRB001DU	2/4/2022	VOLUME PURGED	1	gal	Groundwater
PRB001DU	2/4/2022	WATER TEMPERATURE	21.6	degC	Groundwater
PRB002DU	2/4/2022	AIR TEMPERATURE	18.5	degC	Groundwater
PRB002DU	2/4/2022	FLOW RATE	0.1	gal/min	Groundwater
PRB002DU	2/4/2022	PH	5.6	pH	Groundwater
PRB002DU	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PRB002DU	2/4/2022	SPECIFIC CONDUCTANCE	90	uS/cm	Groundwater
PRB002DU	2/4/2022	TOTAL ALKALINITY (AS CACO3)	14	mg/L	Groundwater
PRB002DU	2/4/2022	TURBIDITY	0.4	NTU	Groundwater
PRB002DU	2/4/2022	VOLUME PURGED	1	gal	Groundwater
PRB002DU	2/4/2022	WATER TEMPERATURE	21.8	degC	Groundwater
PRB003C	2/3/2022	AIR TEMPERATURE	16.7	degC	Groundwater
PRB003C	2/3/2022	FLOW RATE	0.1	gal/min	Groundwater
PRB003C	2/3/2022	PH	5.3	pH	Groundwater
PRB003C	2/3/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PRB003C	2/3/2022	SPECIFIC CONDUCTANCE	33	uS/cm	Groundwater
PRB003C	2/3/2022	TOTAL ALKALINITY (AS CACO3)	4	mg/L	Groundwater
PRB003C	2/3/2022	TURBIDITY	8.2	NTU	Groundwater
PRB003C	2/3/2022	VOLUME PURGED	2	gal	Groundwater
PRB003C	2/3/2022	WATER TEMPERATURE	19.9	degC	Groundwater
PRB003DU	2/3/2022	AIR TEMPERATURE	15	degC	Groundwater
PRB003DU	2/3/2022	FLOW RATE	0.1	gal/min	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PRB003DU	2/3/2022	PH	5	pH	Groundwater
PRB003DU	2/3/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PRB003DU	2/3/2022	SPECIFIC CONDUCTANCE	42	uS/cm	Groundwater
PRB003DU	2/3/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PRB003DU	2/3/2022	TURBIDITY	1	NTU	Groundwater
PRB003DU	2/3/2022	VOLUME PURGED	2	gal	Groundwater
PRB003DU	2/3/2022	WATER TEMPERATURE	19	degC	Groundwater
PRB004DU	2/4/2022	AIR TEMPERATURE	19.1	degC	Groundwater
PRB004DU	2/4/2022	FLOW RATE	0.1	gal/min	Groundwater
PRB004DU	2/4/2022	PH	6.5	pH	Groundwater
PRB004DU	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PRB004DU	2/4/2022	SPECIFIC CONDUCTANCE	190	uS/cm	Groundwater
PRB004DU	2/4/2022	TOTAL ALKALINITY (AS CACO3)	46	mg/L	Groundwater
PRB004DU	2/4/2022	TURBIDITY	13.8	NTU	Groundwater
PRB004DU	2/4/2022	VOLUME PURGED	1	gal	Groundwater
PRB004DU	2/4/2022	WATER TEMPERATURE	20.7	degC	Groundwater
PRB005C	2/4/2022	AIR TEMPERATURE	17.1	degC	Groundwater
PRB005C	2/4/2022	FLOW RATE	0.1	gal/min	Groundwater
PRB005C	2/4/2022	PH	5.6	pH	Groundwater
PRB005C	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PRB005C	2/4/2022	SPECIFIC CONDUCTANCE	29	uS/cm	Groundwater
PRB005C	2/4/2022	TOTAL ALKALINITY (AS CACO3)	8	mg/L	Groundwater
PRB005C	2/4/2022	TURBIDITY	3.9	NTU	Groundwater
PRB005C	2/4/2022	VOLUME PURGED	1	gal	Groundwater
PRB005C	2/4/2022	WATER TEMPERATURE	20.9	degC	Groundwater
PRB005DU	2/4/2022	AIR TEMPERATURE	17.3	degC	Groundwater
PRB005DU	2/4/2022	FLOW RATE	0.1	gal/min	Groundwater
PRB005DU	2/4/2022	PH	5.2	pH	Groundwater
PRB005DU	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PRB005DU	2/4/2022	SPECIFIC CONDUCTANCE	31	uS/cm	Groundwater
PRB005DU	2/4/2022	TOTAL ALKALINITY (AS CACO3)	6	mg/L	Groundwater
PRB005DU	2/4/2022	TURBIDITY	1.9	NTU	Groundwater
PRB005DU	2/4/2022	VOLUME PURGED	1	gal	Groundwater
PRB005DU	2/4/2022	WATER TEMPERATURE	21.4	degC	Groundwater
PSB 1A	2/4/2022	AIR TEMPERATURE	18.9	degC	Groundwater
PSB 1A	2/4/2022	FLOW RATE	0.5	gal/min	Groundwater
PSB 1A	2/4/2022	PH	5.4	pH	Groundwater
PSB 1A	2/4/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB 1A	2/4/2022	SPECIFIC CONDUCTANCE	51	uS/cm	Groundwater
PSB 1A	2/4/2022	TOTAL ALKALINITY (AS CACO3)	7	mg/L	Groundwater
PSB 1A	2/4/2022	TURBIDITY	7.2	NTU	Groundwater
PSB 1A	2/4/2022	VOLUME PURGED	22	gal	Groundwater
PSB 1A	2/4/2022	WATER TEMPERATURE	20.6	degC	Groundwater
PSB 2A	2/9/2022	AIR TEMPERATURE	17.7	degC	Groundwater
PSB 2A	2/9/2022	FLOW RATE	0.5	gal/min	Groundwater
PSB 2A	2/9/2022	OXIDATION/REDUCTION POTENTIAL	221	mV	Groundwater
PSB 2A	2/9/2022	OXYGEN	3.6	mg/L	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PSB 2A	2/9/2022	PH	5.1	pH	Groundwater
PSB 2A	2/9/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB 2A	2/9/2022	SPECIFIC CONDUCTANCE	58	uS/cm	Groundwater
PSB 2A	2/9/2022	TOTAL ALKALINITY (AS CACO3)	8	mg/L	Groundwater
PSB 2A	2/9/2022	TURBIDITY	1.3	NTU	Groundwater
PSB 2A	2/9/2022	VOLUME PURGED	22	gal	Groundwater
PSB 2A	2/9/2022	WATER TEMPERATURE	21.8	degC	Groundwater
PSB 3A	2/8/2022	AIR TEMPERATURE	18.7	degC	Groundwater
PSB 3A	2/8/2022	FLOW RATE	0.5	gal/min	Groundwater
PSB 3A	2/8/2022	OXIDATION/REDUCTION POTENTIAL	362	mV	Groundwater
PSB 3A	2/8/2022	OXYGEN	2.53	mg/L	Groundwater
PSB 3A	2/8/2022	PH	4.4	pH	Groundwater
PSB 3A	2/8/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB 3A	2/8/2022	SPECIFIC CONDUCTANCE	53	uS/cm	Groundwater
PSB 3A	2/8/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB 3A	2/8/2022	TURBIDITY	1.9	NTU	Groundwater
PSB 3A	2/8/2022	VOLUME PURGED	20	gal	Groundwater
PSB 3A	2/8/2022	WATER TEMPERATURE	20.6	degC	Groundwater
PSB 4A	2/9/2022	AIR TEMPERATURE	18.9	degC	Groundwater
PSB 4A	2/9/2022	FLOW RATE	0.5	gal/min	Groundwater
PSB 4A	2/9/2022	OXIDATION/REDUCTION POTENTIAL	319	mV	Groundwater
PSB 4A	2/9/2022	OXYGEN	3.71	mg/L	Groundwater
PSB 4A	2/9/2022	PH	4.8	pH	Groundwater
PSB 4A	2/9/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB 4A	2/9/2022	SPECIFIC CONDUCTANCE	39	uS/cm	Groundwater
PSB 4A	2/9/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB 4A	2/9/2022	TURBIDITY	2.3	NTU	Groundwater
PSB 4A	2/9/2022	VOLUME PURGED	20	gal	Groundwater
PSB 4A	2/9/2022	WATER TEMPERATURE	20.8	degC	Groundwater
PSB 7A	2/9/2022	AIR TEMPERATURE	19.2	degC	Groundwater
PSB 7A	2/9/2022	FLOW RATE	0.5	gal/min	Groundwater
PSB 7A	2/9/2022	OXIDATION/REDUCTION POTENTIAL	297	mV	Groundwater
PSB 7A	2/9/2022	OXYGEN	3.43	mg/L	Groundwater
PSB 7A	2/9/2022	PH	5.1	pH	Groundwater
PSB 7A	2/9/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB 7A	2/9/2022	SPECIFIC CONDUCTANCE	42	uS/cm	Groundwater
PSB 7A	2/9/2022	TOTAL ALKALINITY (AS CACO3)	1	mg/L	Groundwater
PSB 7A	2/9/2022	TURBIDITY	13.1	NTU	Groundwater
PSB 7A	2/9/2022	VOLUME PURGED	20	gal	Groundwater
PSB 7A	2/9/2022	WATER TEMPERATURE	20.8	degC	Groundwater
PSB 11	2/14/2022	AIR TEMPERATURE	4.1	degC	Groundwater
PSB 11	2/14/2022	FLOW RATE	0.5	gal/min	Groundwater
PSB 11	2/14/2022	PH	4.9	pH	Groundwater
PSB 11	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB 11	2/14/2022	SPECIFIC CONDUCTANCE	29	uS/cm	Groundwater
PSB 11	2/14/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB 11	2/14/2022	TURBIDITY	0.8	NTU	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PSB 11	2/14/2022	VOLUME PURGED	7	gal	Groundwater
PSB 11	2/14/2022	WATER TEMPERATURE	19.3	degC	Groundwater
PSB002AA	2/9/2022	AIR TEMPERATURE	16.6	degC	Groundwater
PSB002AA	2/9/2022	FLOW RATE	0.2	gal/min	Groundwater
PSB002AA	2/9/2022	OXIDATION/REDUCTION POTENTIAL	172	mV	Groundwater
PSB002AA	2/9/2022	OXYGEN	5.77	mg/L	Groundwater
PSB002AA	2/9/2022	PH	6	pH	Groundwater
PSB002AA	2/9/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB002AA	2/9/2022	SPECIFIC CONDUCTANCE	28	uS/cm	Groundwater
PSB002AA	2/9/2022	TOTAL ALKALINITY (AS CACO3)	11	mg/L	Groundwater
PSB002AA	2/9/2022	TURBIDITY	4.9	NTU	Groundwater
PSB002AA	2/9/2022	VOLUME PURGED	2	gal	Groundwater
PSB002AA	2/9/2022	WATER TEMPERATURE	19.4	degC	Groundwater
PSB002AL	2/14/2022	AIR TEMPERATURE	-1.6	degC	Groundwater
PSB002AL	2/14/2022	FLOW RATE	0.1	gal/min	Groundwater
PSB002AL	2/14/2022	PH	6.8	pH	Groundwater
PSB002AL	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB002AL	2/14/2022	SPECIFIC CONDUCTANCE	114	uS/cm	Groundwater
PSB002AL	2/14/2022	TOTAL ALKALINITY (AS CACO3)	42	mg/L	Groundwater
PSB002AL	2/14/2022	TURBIDITY	0.9	NTU	Groundwater
PSB002AL	2/14/2022	VOLUME PURGED	1	gal	Groundwater
PSB002AL	2/14/2022	WATER TEMPERATURE	18.2	degC	Groundwater
PSB002B	2/14/2022	AIR TEMPERATURE	6.9	degC	Groundwater
PSB002B	2/14/2022	FLOW RATE	0.2	gal/min	Groundwater
PSB002B	2/14/2022	PH	5.8	pH	Groundwater
PSB002B	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB002B	2/14/2022	SPECIFIC CONDUCTANCE	29	uS/cm	Groundwater
PSB002B	2/14/2022	TOTAL ALKALINITY (AS CACO3)	8	mg/L	Groundwater
PSB002B	2/14/2022	TURBIDITY	1.6	NTU	Groundwater
PSB002B	2/14/2022	VOLUME PURGED	2	gal	Groundwater
PSB002B	2/14/2022	WATER TEMPERATURE	19	degC	Groundwater
PSB002C	2/14/2022	AIR TEMPERATURE	11.8	degC	Groundwater
PSB002C	2/14/2022	FLOW RATE	0.2	gal/min	Groundwater
PSB002C	2/14/2022	PH	6.4	pH	Groundwater
PSB002C	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB002C	2/14/2022	SPECIFIC CONDUCTANCE	42	uS/cm	Groundwater
PSB002C	2/14/2022	TOTAL ALKALINITY (AS CACO3)	22	mg/L	Groundwater
PSB002C	2/14/2022	TURBIDITY	2.6	NTU	Groundwater
PSB002C	2/14/2022	VOLUME PURGED	2	gal	Groundwater
PSB002C	2/14/2022	WATER TEMPERATURE	19	degC	Groundwater
PSB002DL	2/14/2022	AIR TEMPERATURE	13.9	degC	Groundwater
PSB002DL	2/14/2022	FLOW RATE	0.1	gal/min	Groundwater
PSB002DL	2/14/2022	PH	5.7	pH	Groundwater
PSB002DL	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB002DL	2/14/2022	SPECIFIC CONDUCTANCE	47	uS/cm	Groundwater
PSB002DL	2/14/2022	TOTAL ALKALINITY (AS CACO3)	8	mg/L	Groundwater
PSB002DL	2/14/2022	TURBIDITY	7.1	NTU	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PSB002DL	2/14/2022	VOLUME PURGED	1	gal	Groundwater
PSB002DL	2/14/2022	WATER TEMPERATURE	19.2	degC	Groundwater
PSB003DL	2/8/2022	AIR TEMPERATURE	7.5	degC	Groundwater
PSB003DL	2/8/2022	FLOW RATE	0.2	gal/min	Groundwater
PSB003DL	2/8/2022	OXIDATION/REDUCTION POTENTIAL	247	mV	Groundwater
PSB003DL	2/8/2022	OXYGEN	5.52	mg/L	Groundwater
PSB003DL	2/8/2022	PH	5.5	pH	Groundwater
PSB003DL	2/8/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB003DL	2/8/2022	SPECIFIC CONDUCTANCE	52	uS/cm	Groundwater
PSB003DL	2/8/2022	TOTAL ALKALINITY (AS CACO3)	4	mg/L	Groundwater
PSB003DL	2/8/2022	TURBIDITY	1.4	NTU	Groundwater
PSB003DL	2/8/2022	VOLUME PURGED	1	gal	Groundwater
PSB003DL	2/8/2022	WATER TEMPERATURE	18.3	degC	Groundwater
PSB011A	2/14/2022	AIR TEMPERATURE	13.3	degC	Groundwater
PSB011A	2/14/2022	FLOW RATE	0.1	gal/min	Groundwater
PSB011A	2/14/2022	PH	5.8	pH	Groundwater
PSB011A	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB011A	2/14/2022	SPECIFIC CONDUCTANCE	34	uS/cm	Groundwater
PSB011A	2/14/2022	TOTAL ALKALINITY (AS CACO3)	19	mg/L	Groundwater
PSB011A	2/14/2022	TURBIDITY	1.7	NTU	Groundwater
PSB011A	2/14/2022	VOLUME PURGED	1	gal	Groundwater
PSB011A	2/14/2022	WATER TEMPERATURE	18.1	degC	Groundwater
PSB011B	2/14/2022	AIR TEMPERATURE	12.8	degC	Groundwater
PSB011B	2/14/2022	FLOW RATE	0.2	gal/min	Groundwater
PSB011B	2/14/2022	PH	5.5	pH	Groundwater
PSB011B	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB011B	2/14/2022	SPECIFIC CONDUCTANCE	26	uS/cm	Groundwater
PSB011B	2/14/2022	TOTAL ALKALINITY (AS CACO3)	10	mg/L	Groundwater
PSB011B	2/14/2022	TURBIDITY	1.9	NTU	Groundwater
PSB011B	2/14/2022	VOLUME PURGED	3	gal	Groundwater
PSB011B	2/14/2022	WATER TEMPERATURE	18.7	degC	Groundwater
PSB011C	2/14/2022	AIR TEMPERATURE	9.3	degC	Groundwater
PSB011C	2/14/2022	FLOW RATE	0.2	gal/min	Groundwater
PSB011C	2/14/2022	PH	5.1	pH	Groundwater
PSB011C	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB011C	2/14/2022	SPECIFIC CONDUCTANCE	23	uS/cm	Groundwater
PSB011C	2/14/2022	TOTAL ALKALINITY (AS CACO3)	5	mg/L	Groundwater
PSB011C	2/14/2022	TURBIDITY	2.3	NTU	Groundwater
PSB011C	2/14/2022	VOLUME PURGED	3	gal	Groundwater
PSB011C	2/14/2022	WATER TEMPERATURE	18.2	degC	Groundwater
PSB011DL	2/14/2022	AIR TEMPERATURE	7	degC	Groundwater
PSB011DL	2/14/2022	FLOW RATE	0.2	gal/min	Groundwater
PSB011DL	2/14/2022	PH	5.4	pH	Groundwater
PSB011DL	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSB011DL	2/14/2022	SPECIFIC CONDUCTANCE	39	uS/cm	Groundwater
PSB011DL	2/14/2022	TOTAL ALKALINITY (AS CACO3)	6	mg/L	Groundwater
PSB011DL	2/14/2022	TURBIDITY	6.6	NTU	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PSB011DL	2/14/2022	VOLUME PURGED	2	gal	Groundwater
PSB011DL	2/14/2022	WATER TEMPERATURE	17.7	degC	Groundwater
PSC002D1	2/10/2022	AIR TEMPERATURE	2.1	degC	Groundwater
PSC002D1	2/10/2022	FLOW RATE	0.2	gal/min	Groundwater
PSC002D1	2/10/2022	PH	5.1	pH	Groundwater
PSC002D1	2/10/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSC002D1	2/10/2022	SPECIFIC CONDUCTANCE	40	uS/cm	Groundwater
PSC002D1	2/10/2022	TOTAL ALKALINITY (AS CACO3)	1	mg/L	Groundwater
PSC002D1	2/10/2022	TURBIDITY	0.7	NTU	Groundwater
PSC002D1	2/10/2022	VOLUME PURGED	3	gal	Groundwater
PSC002D1	2/10/2022	WATER TEMPERATURE	11.9	degC	Groundwater
PSC002D2	2/10/2022	AIR TEMPERATURE	2.1	degC	Groundwater
PSC002D2	2/10/2022	FLOW RATE	0.2	gal/min	Groundwater
PSC002D2	2/10/2022	PH	4.8	pH	Groundwater
PSC002D2	2/10/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSC002D2	2/10/2022	SPECIFIC CONDUCTANCE	28	uS/cm	Groundwater
PSC002D2	2/10/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSC002D2	2/10/2022	TURBIDITY	1.8	NTU	Groundwater
PSC002D2	2/10/2022	VOLUME PURGED	3	gal	Groundwater
PSC002D2	2/10/2022	WATER TEMPERATURE	14.5	degC	Groundwater
PSC003D1	2/10/2022	AIR TEMPERATURE	4.3	degC	Groundwater
PSC003D1	2/10/2022	FLOW RATE	0.1	gal/min	Groundwater
PSC003D1	2/10/2022	PH	4.3	pH	Groundwater
PSC003D1	2/10/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSC003D1	2/10/2022	SPECIFIC CONDUCTANCE	26	uS/cm	Groundwater
PSC003D1	2/10/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSC003D1	2/10/2022	TURBIDITY	4.6	NTU	Groundwater
PSC003D1	2/10/2022	VOLUME PURGED	2	gal	Groundwater
PSC003D1	2/10/2022	WATER TEMPERATURE	13.5	degC	Groundwater
PSC003D2	2/10/2022	AIR TEMPERATURE	4.3	degC	Groundwater
PSC003D2	2/10/2022	FLOW RATE	0.2	gal/min	Groundwater
PSC003D2	2/10/2022	PH	4.5	pH	Groundwater
PSC003D2	2/10/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSC003D2	2/10/2022	SPECIFIC CONDUCTANCE	32	uS/cm	Groundwater
PSC003D2	2/10/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSC003D2	2/10/2022	TURBIDITY	0.4	NTU	Groundwater
PSC003D2	2/10/2022	VOLUME PURGED	2	gal	Groundwater
PSC003D2	2/10/2022	WATER TEMPERATURE	15.6	degC	Groundwater
PSC004D1	2/10/2022	AIR TEMPERATURE	6.7	degC	Groundwater
PSC004D1	2/10/2022	FLOW RATE	0.1	gal/min	Groundwater
PSC004D1	2/10/2022	PH	4.8	pH	Groundwater
PSC004D1	2/10/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSC004D1	2/10/2022	SPECIFIC CONDUCTANCE	29	uS/cm	Groundwater
PSC004D1	2/10/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSC004D1	2/10/2022	TURBIDITY	5.6	NTU	Groundwater
PSC004D1	2/10/2022	VOLUME PURGED	2	gal	Groundwater
PSC004D1	2/10/2022	WATER TEMPERATURE	12.7	degC	Groundwater

Station ID	Date	Analyte	Results	Units	Matrix
PSC004D2	2/10/2022	AIR TEMPERATURE	6.7	degC	Groundwater
PSC004D2	2/10/2022	FLOW RATE	0.2	gal/min	Groundwater
PSC004D2	2/10/2022	PH	5	pH	Groundwater
PSC004D2	2/10/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSC004D2	2/10/2022	SPECIFIC CONDUCTANCE	20	uS/cm	Groundwater
PSC004D2	2/10/2022	TOTAL ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSC004D2	2/10/2022	TURBIDITY	4.4	NTU	Groundwater
PSC004D2	2/10/2022	VOLUME PURGED	2	gal	Groundwater
PSC004D2	2/10/2022	WATER TEMPERATURE	13.7	degC	Groundwater
PSC005D1	2/14/2022	AIR TEMPERATURE	3.2	degC	Groundwater
PSC005D1	2/14/2022	FLOW RATE	0.2	gal/min	Groundwater
PSC005D1	2/14/2022	PH	5.3	pH	Groundwater
PSC005D1	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSC005D1	2/14/2022	SPECIFIC CONDUCTANCE	25	uS/cm	Groundwater
PSC005D1	2/14/2022	TOTAL ALKALINITY (AS CACO3)	1	mg/L	Groundwater
PSC005D1	2/14/2022	TURBIDITY	1.5	NTU	Groundwater
PSC005D1	2/14/2022	VOLUME PURGED	2	gal	Groundwater
PSC005D1	2/14/2022	WATER TEMPERATURE	13.2	degC	Groundwater
PSC005D2	2/14/2022	AIR TEMPERATURE	6.1	degC	Groundwater
PSC005D2	2/14/2022	FLOW RATE	0.2	gal/min	Groundwater
PSC005D2	2/14/2022	PH	5.4	pH	Groundwater
PSC005D2	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSC005D2	2/14/2022	SPECIFIC CONDUCTANCE	20	uS/cm	Groundwater
PSC005D2	2/14/2022	TOTAL ALKALINITY (AS CACO3)	1	mg/L	Groundwater
PSC005D2	2/14/2022	TURBIDITY	0.4	NTU	Groundwater
PSC005D2	2/14/2022	VOLUME PURGED	3	gal	Groundwater
PSC005D2	2/14/2022	WATER TEMPERATURE	14.6	degC	Groundwater
PSC006D1	2/14/2022	AIR TEMPERATURE	11.8	degC	Groundwater
PSC006D1	2/14/2022	FLOW RATE	0.1	gal/min	Groundwater
PSC006D1	2/14/2022	PH	5.3	pH	Groundwater
PSC006D1	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSC006D1	2/14/2022	SPECIFIC CONDUCTANCE	26	uS/cm	Groundwater
PSC006D1	2/14/2022	TOTAL ALKALINITY (AS CACO3)	1	mg/L	Groundwater
PSC006D1	2/14/2022	TURBIDITY	7.7	NTU	Groundwater
PSC006D1	2/14/2022	VOLUME PURGED	2	gal	Groundwater
PSC006D1	2/14/2022	WATER TEMPERATURE	10	degC	Groundwater
PSC006D2	2/14/2022	AIR TEMPERATURE	13.3	degC	Groundwater
PSC006D2	2/14/2022	FLOW RATE	0.2	gal/min	Groundwater
PSC006D2	2/14/2022	PH	5.4	pH	Groundwater
PSC006D2	2/14/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Groundwater
PSC006D2	2/14/2022	SPECIFIC CONDUCTANCE	25	uS/cm	Groundwater
PSC006D2	2/14/2022	TOTAL ALKALINITY (AS CACO3)	2	mg/L	Groundwater
PSC006D2	2/14/2022	TURBIDITY	6.8	NTU	Groundwater
PSC006D2	2/14/2022	VOLUME PURGED	3	gal	Groundwater
PSC006D2	2/14/2022	WATER TEMPERATURE	13.7	degC	Groundwater
SC-02	2/10/2022	AIR TEMPERATURE	12.5	degC	Surface Water
SC-02	2/10/2022	FLOW RATE	0.06	gal/min	Surface Water

Station ID	Date	Analyte	Results	Units	Matrix
SC-02	2/10/2022	PH	6.1	pH	Surface Water
SC-02	2/10/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Surface Water
SC-02	2/10/2022	SPECIFIC CONDUCTANCE	53	uS/cm	Surface Water
SC-02	2/10/2022	TOTAL ALKALINITY (AS CACO3)	11	mg/L	Surface Water
SC-02	2/10/2022	TURBIDITY	0.9	NTU	Surface Water
SC-02	2/10/2022	VOLUME PURGED	0	gal	Surface Water
SC-02	2/10/2022	WATER TEMPERATURE	7.9	degC	Surface Water
SC-03	2/10/2022	AIR TEMPERATURE	12.9	degC	Surface Water
SC-03	2/10/2022	FLOW RATE	0.06	gal/min	Surface Water
SC-03	2/10/2022	PH	5.8	pH	Surface Water
SC-03	2/10/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Surface Water
SC-03	2/10/2022	SPECIFIC CONDUCTANCE	34	uS/cm	Surface Water
SC-03	2/10/2022	TOTAL ALKALINITY (AS CACO3)	6	mg/L	Surface Water
SC-03	2/10/2022	TURBIDITY	5.1	NTU	Surface Water
SC-03	2/10/2022	VOLUME PURGED	0	gal	Surface Water
SC-03	2/10/2022	WATER TEMPERATURE	12.5	degC	Surface Water
SC-04	2/10/2022	AIR TEMPERATURE	13.4	degC	Surface Water
SC-04	2/10/2022	FLOW RATE	0.3	gal/min	Surface Water
SC-04	2/10/2022	PH	6.3	pH	Surface Water
SC-04	2/10/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Surface Water
SC-04	2/10/2022	SPECIFIC CONDUCTANCE	31	uS/cm	Surface Water
SC-04	2/10/2022	TOTAL ALKALINITY (AS CACO3)	6	mg/L	Surface Water
SC-04	2/10/2022	TURBIDITY	2.4	NTU	Surface Water
SC-04	2/10/2022	VOLUME PURGED	0	gal	Surface Water
SC-04	2/10/2022	WATER TEMPERATURE	11.6	degC	Surface Water
SC-07	2/10/2022	AIR TEMPERATURE	1.1	degC	Surface Water
SC-07	2/10/2022	FLOW RATE	0.99	gal/min	Surface Water
SC-07	2/10/2022	PH	5.1	pH	Surface Water
SC-07	2/10/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Surface Water
SC-07	2/10/2022	SPECIFIC CONDUCTANCE	39	uS/cm	Surface Water
SC-07	2/10/2022	TOTAL ALKALINITY (AS CACO3)	1	mg/L	Surface Water
SC-07	2/10/2022	TURBIDITY	2.1	NTU	Surface Water
SC-07	2/10/2022	VOLUME PURGED	0	gal	Surface Water
SC-07	2/10/2022	WATER TEMPERATURE	9.9	degC	Surface Water
SC-08	2/10/2022	AIR TEMPERATURE	4.5	degC	Surface Water
SC-08	2/10/2022	FLOW RATE	1.33	gal/min	Surface Water
SC-08	2/10/2022	PH	5.9	pH	Surface Water
SC-08	2/10/2022	PHENOLPHTHALEIN ALKALINITY (AS CACO3)	0	mg/L	Surface Water
SC-08	2/10/2022	SPECIFIC CONDUCTANCE	46	uS/cm	Surface Water
SC-08	2/10/2022	TOTAL ALKALINITY (AS CACO3)	10	mg/L	Surface Water
SC-08	2/10/2022	TURBIDITY	5.1	NTU	Surface Water
SC-08	2/10/2022	VOLUME PURGED	0	gal	Surface Water
SC-08	2/10/2022	WATER TEMPERATURE	8	degC	Surface Water

This page intentionally left blank.