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November 16, 2025

Mr. Sam Meng
Washington State Department of Ecology
Toxics Cleanup Program Headquarters
300 Desmond Drive SE
Lacey, Washington 98503

Subject: 2025 Groundwater Monitoring Report – Superlon Plastics Property
Agreed Order DE 5940

Dear Mr. Meng:

On behalf of the Chemours Company, LLC (Chemours), PIONEER Technologies Corporation (PIONEER) is submitting the attached 2025 Groundwater Monitoring Report for the Superlon Plastics Property.

Please contact me at (206) 890-4849 or Jeff King of Pacific Environmental and Redevelopment Corporation (PERC) at (425) 238-2212, if you have any questions or comments about this 2025 Groundwater Monitoring Report.

Respectfully,

Nathan Starr, WA L.G. #2760

Enclosure

cc: Sebastian Bahr, Chemours (electronic copy only)

2025 Groundwater Monitoring Report
Superlon Plastics Property

Prepared for:

White Birch Group LLC
2116 Taylor Way
Tacoma, WA 98401

and

The Chemours Company
Corporate Remediation Group
1007 Market Street, Room 13116A
Wilmington, Delaware 19899

November 16, 2025

Nathan Starr, L.G., Senior Hydrogeologist

PIONEER Technologies Corporation

5205 Corporate Center Ct. SE, Suite A
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Acronyms and Abbreviations

Acronym/Abbreviation	Description
Chemours	The Chemours Company FC, LLC
COPC	Constituent of Potential Concern
Ecology	Washington State Department of Ecology
Eh	Activity of Electrons
FS	Feasibility Study
GWM	Groundwater Monitoring
IA	Interim Action
mg/L	Milligrams per liter
MW	Groundwater Monitoring Well
MTCA	Model Toxics Control Act
PERC	Pacific Environmental and Redevelopment Corporation
PIONEER	PIONEER Technologies Corporation
Property	Superlon Plastics Property
QA/QC	Quality Assurance / Quality Control
RI	Remedial Investigation
SAP/QAPP	Sampling and Analytical Plan / Quality Assurance Project Plan
USEPA	United States Environmental Protection Agency
White Birch	White Birch Group LLC

1. Introduction

1.1 Overview

On behalf of The Chemours Company FC, LLC (Chemours), PIONEER Technologies Corporation (PIONEER) has prepared this 2025 Annual Groundwater Monitoring (GWM) Report for the Superlon Plastics Site (Site). The purpose of this report is to document the GWM activities, results, and evaluations associated with groundwater samples collected on August 7, 2025, during the annual event. GWM is conducted at the Site as part of the remedial investigation (RI). The RI is a requirement of the Washington State Department of Ecology (Ecology)-approved Agreed Order (No. DE 5940) between White Birch Group LLC (White Birch) and the Chemours Company FC, LLC (Chemours). All RI-associated activities are being conducted in accordance with Washington State Model Toxics Control Act (MTCA), Chapter 173-340 of the Washington Administrative Code.

GWM has been conducted at the Site since 2011. Initially, GWM was conducted quarterly from the third quarter of 2011 until the fourth quarter of 2015, when the sampling frequency was reduced to one event per year (Ecology 2015).

1.2 Site Location and Description

The Site is located at 2116 Taylor Way, Tacoma, Washington in a highly industrial area of the Tacoma Tidal Flats between the Blair and Hylebos Waterways (see Figure 1). The parcel located at 2116 Taylor Way is referred to herein as the Property. Definition of the Site boundaries (per MTCA) and an evaluation of data from other off-Property media will be presented in a future RI/Feasibility Study (FS) and Cleanup Action Plan (CAP) for the Site. This approach was approved by Ecology to complete interim actions (IAs) for on-Property media, while continuing to investigate off-Property issues and to define the Site boundary (Ecology 2013; PERC 2025).

The Property is bordered to the northeast by Taylor Way, to the north by a curved railroad right-of-way owned by the City of Tacoma Public Works, to the northwest by Lincoln Avenue and a warehouse operation, and to the southeast by property leased and operated by Gardner-Fields Products, a roofing and waterproofing products manufacturing business (see Figure 2). To the southwest of the Property is a ditch located on the northeast side of a paved trucking yard owned by the Port of Tacoma (see Figure 2).

1.3 Report Organization

The remainder of this report is organized as follows:

- Section 2: Summary of Groundwater Monitoring
- Section 3: Groundwater Monitoring Results
- Section 4: Conclusions
- Section 5: References

2. Summary of Groundwater Monitoring

2.1 Monitoring Well Locations and Installation Chronology

Historically, a total of 26 co-located Shallow and Intermediate Aquifer groundwater monitoring wells (MWs) have been installed at 13 locations on and off the Property. As of 2025, 10 MWs remain in place, while the other 16 have been decommissioned (see Figure 3). A brief history of MW locations is presented below:

- Seven Shallow Aquifer MWs (MW-1S – MW-7S) were installed during Phase I RI activities in 2011, in accordance with the Phase I RI Work Plan (PERC 2010).
- One Shallow Aquifer MW (MW-8S) and eight Intermediate Aquifer MWs (MW-1I – MW-8I) were installed during Phase III RI activities in 2012, in accordance with the Phase III RI Work Plan (PERC 2012).
- Four Shallow Aquifer MWs (MW-9S – MW-12S) and four Intermediate Aquifer MWs (MW-9I – MW-12I) were installed during Phase IV RI activities in 2014, in accordance with the Phase IV RI Work Plan (PERC 2014).
- Sixteen MWs were decommissioned in 2017 (MW-1I, MW-1S, MW-3I, MW-3S, MW-5I, MW-5S, MW-6I, MW-6S, MW-7I, MW-7S, MW-8I, MW-8S, MW-11I, MW-11S, MW-12I, and MW-12S; see Figure 3).
- One Shallow Aquifer MW (MW-13S) and one Intermediate Aquifer MW (MW-13I) were installed in the source area in November 2019.[1]

2.2 Sampling Methods and Procedures

Groundwater sampling methodology and field quality controls were performed in accordance with the Project Sampling and Analytical Plan (SAP) & Quality Assurance Project Plan (QAPP) for the Superlon Plastics Property (PERC 2022). A duplicate groundwater sample was collected from MW-13S. All samples were sent to a Washington State-certified laboratory in accordance with the SAP/QAPP (PERC 2022). Groundwater sampling field notes are presented in Appendix A.

2.3 QA/QC Methods

Laboratory results were verified for usability by performing Quality Assurance/Quality Control (QA/QC) data validation. QA/QC data validation generally followed the applicable guidance and requirements specified in the following:

- Guidance on Environmental Data Verification and Data Validation (United States Environmental Protection Agency [USEPA] 2002);
- National Functional Guidelines for Inorganic Data Superfund Data Review. Final. OLEM 9240.1-66 EPA 542-R-20-006 (USEPA 2020); and
- Method-specific and laboratory-established QA requirements, as applicable.

QA/QC data validation procedures were performed in accordance with the SAP/QAPP (PERC 2022). The data validation reports are presented with laboratory reports in Appendix B. Overall, the data are acceptable for use without qualification.

[1] MW-13S and MW-13I were installed in the proximate location of MW-3S and MW-3I which were abandoned in 2017 to allow for soil remediation.

2.4 Constituent Analyses

The 2025 groundwater samples were analyzed for dissolved arsenic and dissolved lead.[2] The list of constituents evaluated during the monitoring events has been reduced since sampling was initiated in 2011 as other constituents were consistently not detected or were reported below screening levels (Ecology 2015; PERC 2015; PERC and PIONEER 2013, 2015).[3]

2.5 2025 GWM Deviations

There were no deviations for the 2025 GWM event.

[2] Dissolved arsenic and lead refer to groundwater samples that have been filtered through a 0.45-micron filter (PERC 2022). All arsenic and lead groundwater samples collected in 2025 were filtered in the field during collection of the samples; prior to 2022 the samples were filtered at the laboratory.

[3] The constituent list was reduced to focus the monitoring on constituents of potential concern (COPCs) and eliminate the analyses of constituents not detected or infrequently detected during consecutive sampling events.

3. Groundwater Monitoring Results

A total of 11 Shallow and Intermediate Aquifer groundwater samples were collected from ten MWs (i.e., 10 primary samples and one duplicate sample[4] collected from MW-13S) and analyzed for dissolved arsenic and lead. The laboratory reports and associated QA/QC data validation reports for the 2025 GWM event are presented in Appendix B.

Constituent concentrations are presented by MW and GWM event for arsenic and lead in Tables 1 and 2, respectively. Groundwater pH and Eh[5] field measurements are presented by MW and GWM event in Tables 3 and 4, respectively. Arsenic and lead concentrations in the Shallow and Intermediate Aquifers are presented in Figures 4 through 7. Concentration trends for arsenic and lead in active MWs are presented in Figures 8 through 11.[6]

3.1 Arsenic

Arsenic concentration trends in the Shallow Aquifer are as follows (see Table 1 and Figure 8):

- Arsenic concentrations in MW-2S and MW-4S have slowly increased since the MWs were installed in 2011 going from detections in the hundredths and thousandths of milligrams per liter (mg/L) to detections in the tenths of mg/L.
- Arsenic concentrations in MW-9S increased from 5.8 mg/L in 2014 to a maximum concentration in 2017 of 88 mg/L. This was followed by a decrease to 0.54 mg/L in 2022, an increase to 1.9 mg/L in 2023, and a decrease to 0.11 mg/L in 2025.
- Arsenic concentrations in MW-10S slowly increased from 0.42 mg/L in 2014 (when the MW was installed) to 3.3 mg/L in 2020. This has been followed by a decreasing trend, with a concentration of 0.69 mg/L in 2025.
- Arsenic concentrations in MW-13S have increased since it was installed in 2020 from 9.1 to 25 mg/L in 2023, and decreased to 20 mg/L in 2025. This is similar to the arsenic concentrations measured in MW-3S[7] between 2012 and 2017 (4.9 to 20 mg/L).

Arsenic concentration trends in the Intermediate Aquifer are as follows (see Table 1 and Figure 9):

- Arsenic concentrations in source area well MW-13I have decreased from 0.30 mg/L in 2020 to 0.065 mg/L in 2025.
- Arsenic concentrations in MW-2I remained stable and in the range of thousandths to tenths of mg/L from the time the MW was installed in 2011, until 2016 when arsenic increased to a maximum concentration of 0.58 mg/L. This has been followed by a decreasing trend with concentrations in the thousandths since 2020, and a detection of 0.0051 mg/L in 2025.
- Arsenic concentrations in MW-4I have remained stable since the MW was installed in 2011 with the highest detection being 0.055 mg/L in 2020, followed by <0.0050 mg/L in 2021, 0.0068 mg/L in 2022, and no detectable (<0.0050 mg/L) arsenic since 2023.

[4] In the event a duplicate sample result was greater than the parent sample result, the higher concentration was reported for the location (see Table 1).

[5] Eh is referred to as "Activity of Electrons" and is calculated from oxidation reduction potential.

[6] Dissolved arsenic and lead trend graphs including decommissioned wells are located in Appendix C.

[7] MW-13S replaced MW-3S and MW-13I replaced MW-3I.

- Arsenic concentrations in MW-9I have remained stable and in the range of <0.0050 to 0.019 mg/L since the MW was installed in 2014, with the exception of a detection of 0.18 mg/L in 2016. Arsenic has not been detected (<0.0050 mg/L) in the MW since 2021.
- Arsenic concentrations in MW-10I remained <0.0050 mg/L from the time the MW was installed in 2014[8], until a concentration of 0.0078 mg/L was reported in 2022. Similar concentrations have been reported in 2023 (0.0070 mg/L), 2024 (0.0062 mg/L), and 2025 (0.0073 mg/L).
- Arsenic concentrations in the downgradient Intermediate Aquifer MWs remain stable and are generally lower than the Puget Sound groundwater arsenic background threshold value of 0.008 mg/L (Ecology 2022). The variability noted in the source area well MW-13I will continue to be monitored as part of the annual sampling program.

Arsenic concentrations in the Shallow Aquifer appear to be responding to the on-Property soil and perched groundwater IA with the most significant trend being a nearly two-order of magnitude decrease in MW-9S and a decreasing trend in MW-10S (PERC 2025). The small increasing trends in MW-2S and MW-4S have maximum concentrations nearly two orders of magnitude lower than the maximum concentration observed in MW-9S indicating that the increase in dissolved arsenic mass observed in MW-2S and MW-4S is significantly lower than the decrease in dissolved mass observed in MW-9S. Arsenic concentrations in source area MW-13S remain stable. In the Intermediate Aquifer, arsenic concentrations in source area MW-13I continue to decrease. Furthermore, concentrations at the plume boundaries within the Intermediate Aquifer MWs remain stable and are generally below the Puget Sound groundwater background threshold of 0.008 mg/L (Ecology 2022).

3.2 Lead

Lead concentration trends in the Shallow Aquifer are as follows (see Table 2 and Figure 10):

- Lead concentrations in MW-2S have not been detected above laboratory reporting limits since the MW was installed in 2011.
- Lead concentrations in MW-4S between 2011 and 2021 varied between 0.00015 and 0.0044 mg/L. Prior to 2019, reporting limits were as high as 0.010 mg/L when lead was not detected. The lead concentration increased to the low hundredths in 2022 and 2023, and the low tenths in 2024 and 2025 (0.15 and 0.25 mg/L, respectively).
- Lead concentrations in MW-9S have not been detected above the laboratory reporting limits since the MW was installed in 2014.
- Lead concentrations in MW-10S increased after the MW was installed in 2014, to a maximum concentration in 2020 of 0.25 mg/L. This has been followed by a generally decreasing trend since 2020, to a concentration of 0.0065 mg/L in 2025.
- Lead concentrations in MW-13S have remained stable, in the tenths of mg/L, which are similar to the concentrations detected in MW-3S between 2013 and 2017.

Lead concentration trends in the Intermediate Aquifer are as follows (see Table 2 and Figure 11):

- Lead concentrations in MW-2I, MW-4I, MW-9I, and MW-10I have remained below the laboratory reporting limits since 2015.
- Lead concentrations in MW-13I have remained below the laboratory reporting limits since 2022.

[8] In 2017 the laboratory diluted the groundwater sample resulting in an elevated reporting limit of 0.10 mg/L (PERC and PIONEER 2017).

Lead concentrations are generally one to three orders of magnitude less than arsenic concentrations with lead only detected in three shallow MWs (i.e., MW-4S, MW-10S, and MW-13S) and in no intermediate MWs in 2025.

4. Conclusions

The on-Property soil and perched groundwater IA has resulted in significant decreases in dissolved arsenic concentrations within the Shallow Aquifer, most notably in MW-9S and MW-10S (PERC 2025). Although slight increases in dissolved arsenic were observed in MW-2S and MW-4S, the maximum concentrations in these MWs are significantly lower than historical maximums in MWs exhibiting decreasing trends. This differential suggests a net decrease in total dissolved arsenic mass across the Property.

In the Intermediate Aquifer, arsenic concentrations in source area MW-13I continue to decrease. Furthermore, concentrations at the plume boundaries within the Intermediate Aquifer MWs remain stable and are generally below the Puget Sound groundwater background threshold of 0.008 mg/L.

Dissolved lead concentrations in the Shallow Aquifer MWs are generally one to three orders of magnitude lower than arsenic concentrations. During the 2025 event, lead was detected in only three shallow MWs (MW-4S, MW-10S, and MW-13S) and was not detected in any Intermediate Aquifer MWs.

The on-Property soil and perched groundwater IA was completed in the third quarter of 2024 (PERC 2025). Consequently, arsenic and lead concentrations in the Shallow Aquifer are expected to continue decreasing. Annual sampling will continue to monitor long-term trends. Data from all MWs will be utilized to inform upcoming plume delineation efforts (conducted via hydropunch sampling) and the subsequent placement of new MWs to support the Site-wide RI/FS.

5. References

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USEPA. 2002. Guidance on Environmental Data Verification and Data Validation. EPA QA/G-8. EPA/240/R-02/004. November.

USEPA. 2020. National Functional Guidelines for Inorganic Data Superfund Data Review. Final. OLEM 9240.1-66 EPA 542-R-20-006. November.

Figures

Legend

Superlon Property Boundary

0 400 800 1,200 Feet

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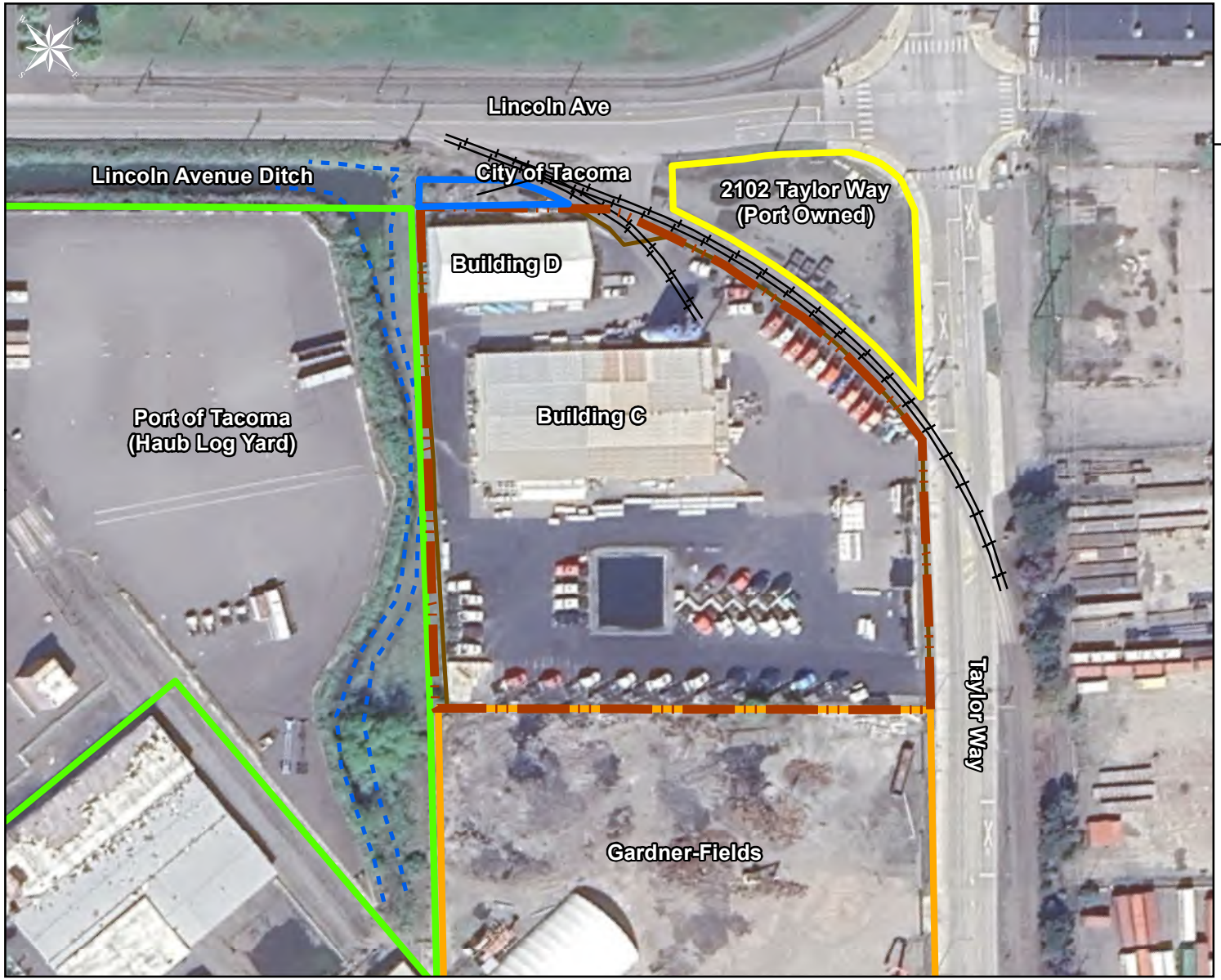
Superlon Property Location
2025 Groundwater Monitoring Report
Superlon Plastics Property, Tacoma, Washington

Figure 1



Legend

- Superlon Property Boundary
- City of Tacoma
- Gardner-Fields
- Port of Tacoma
- 2102 Taylor Way (Port Owned)
- Railroad
- Fence
- Ditch

0 50 100 150 200 Feet

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Property Features
2025 Groundwater Monitoring Report
Superlon Plastics Property, Tacoma, Washington

Figure 2

Legend

Monitoring Wells
- Shallow Aquifer
- Intermediate Aquifer
- Decommissioned Well

Property Features
- Railroad
- Fence
- Ditch
- Property Boundary

0 50 100 Feet

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Monitoring Well Locations
2025 Groundwater Monitoring Report
Superlon Plastics Site, Tacoma, Washington

Figure 3

Legend

Monitoring Wells
- Shallow Aquifer
- Decommissioned Well

Property Features
- Railroad
- Fence
- Ditch
- Property Boundary

Notes:
- mg/L: milligrams per liter

0 50 100 Feet

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Dissolved Arsenic in Shallow Aquifer
2025 Groundwater Monitoring Report
Superlon Plastics Site, Tacoma, Washington

Figure 4

Legend

Monitoring Wells
- Intermediate Aquifer
- Decommissioned Well

Property Features
- Railroad
- Fence
- Ditch
- Property Boundary

Notes:
- U: constituent was not detected, reporting limit is shown
- mg/L: milligrams per liter

0 50 100 Feet

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Dissolved Arsenic in Intermediate Aquifer
2025 Groundwater Monitoring Report
Superlon Plastics Site, Tacoma, Washington

Figure 5

Legend

Monitoring Wells
- Shallow Aquifer
- Decommissioned Well

Property Features
- Railroad
- Fence
- Ditch
- Property Boundary

Notes:
- U: constituent was not detected, reporting limit is shown
- mg/L: milligrams per liter

0 50 100 Feet

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Dissolved Lead in Shallow Aquifer
2025 Groundwater Monitoring Report
Superlon Plastics Site, Tacoma, Washington

Figure 6

Legend

Monitoring Wells
- Intermediate Aquifer
- Decommissioned Well

Property Features
- Railroad
- Fence
- Ditch
- Property Boundary

Notes:
- U: constituent was not detected, reporting limit is shown
- mg/L: milligrams per liter

0 50 100 Feet

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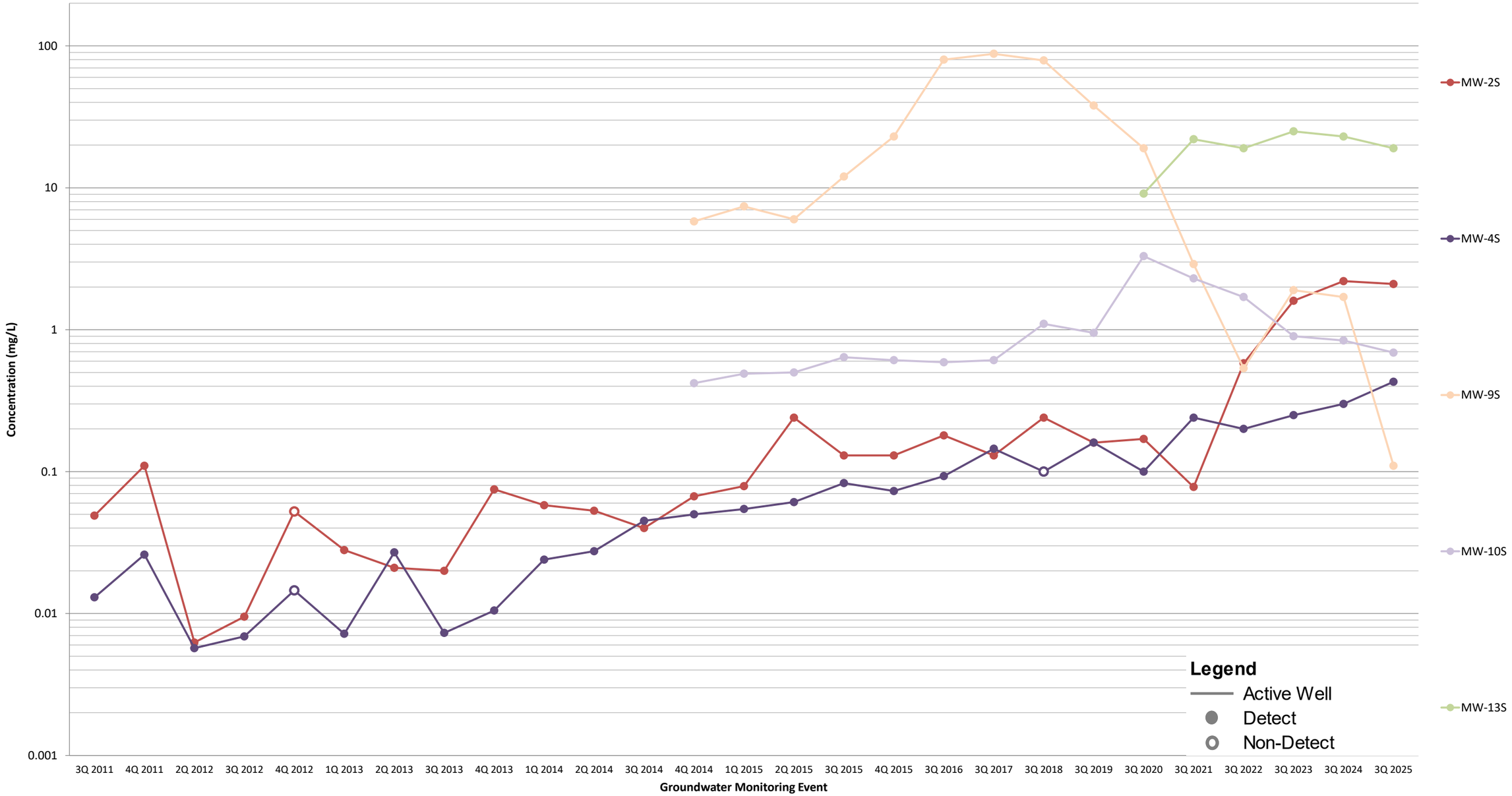
Dissolved Lead in Intermediate Aquifer
2025 Groundwater Monitoring Report
Superlon Plastics Site, Tacoma, Washington

Figure 7



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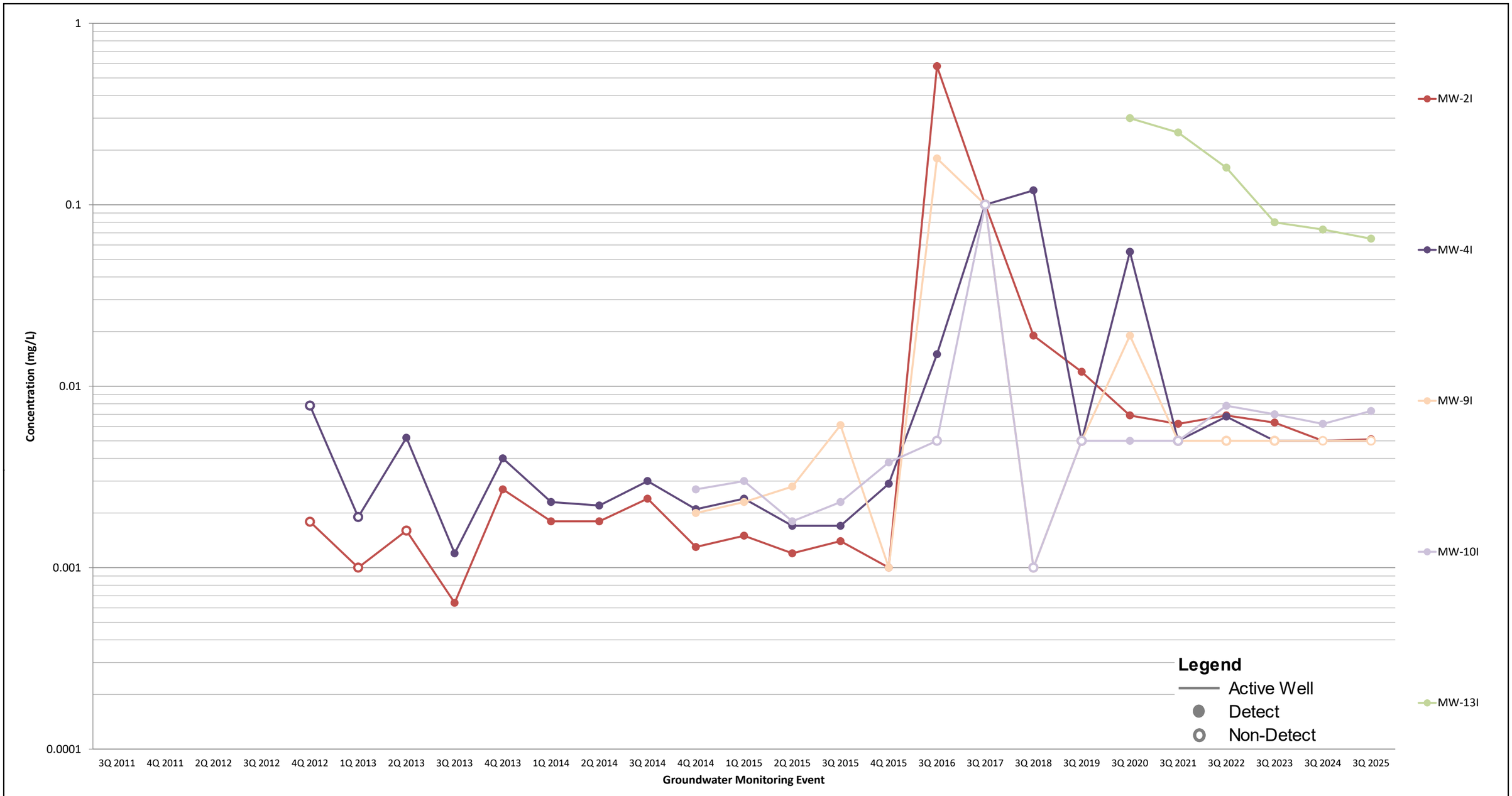
Dissolved Arsenic Trends in the Shallow Aquifer
2025 Groundwater Monitoring Report
Superlon Plastics Site, Tacoma, Washington

Figure 8



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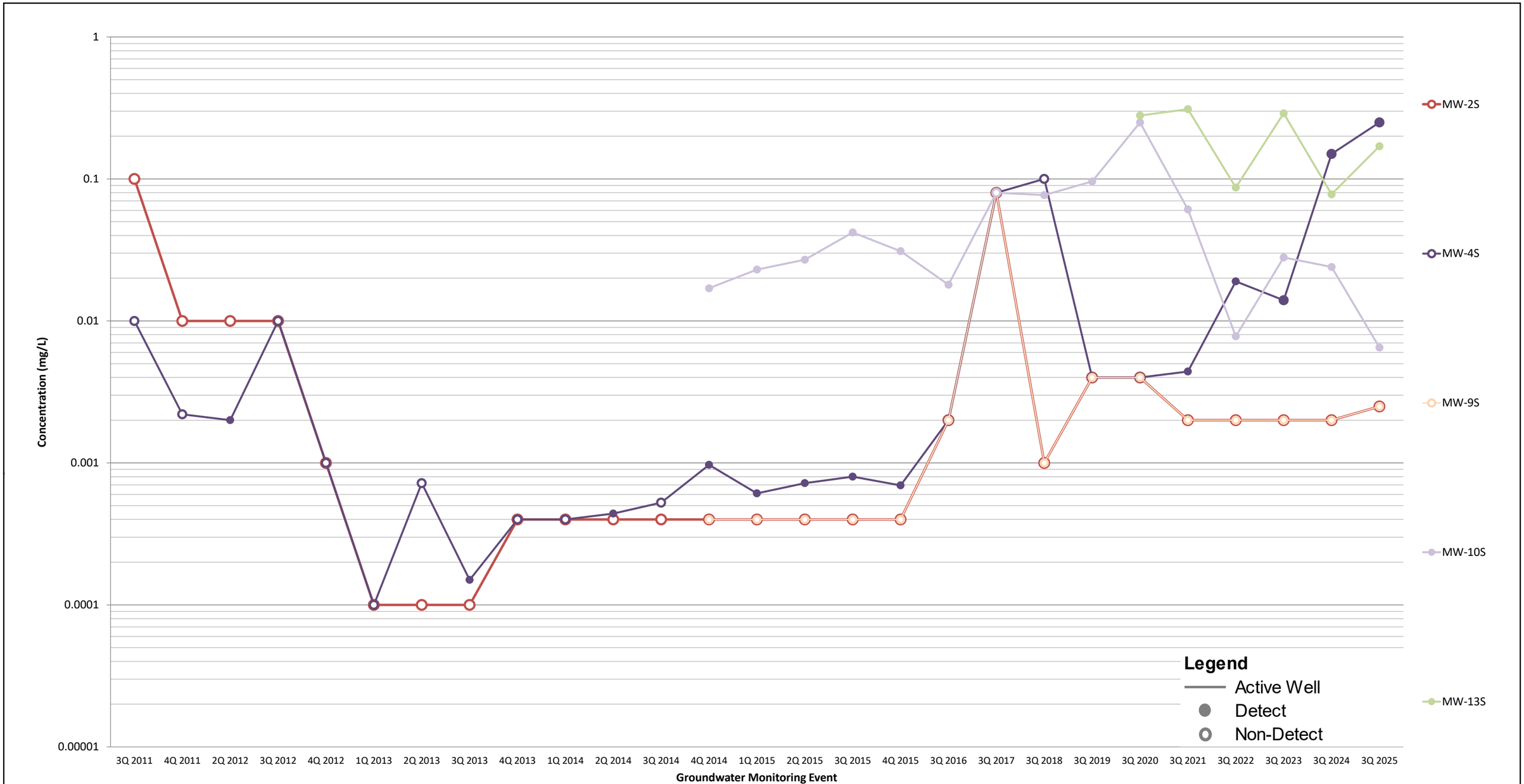
Dissolved Arsenic Trends in the Intermediate Aquifer
2025 Groundwater Monitoring Report
Superlon Plastics Site, Tacoma, Washington

Figure 9



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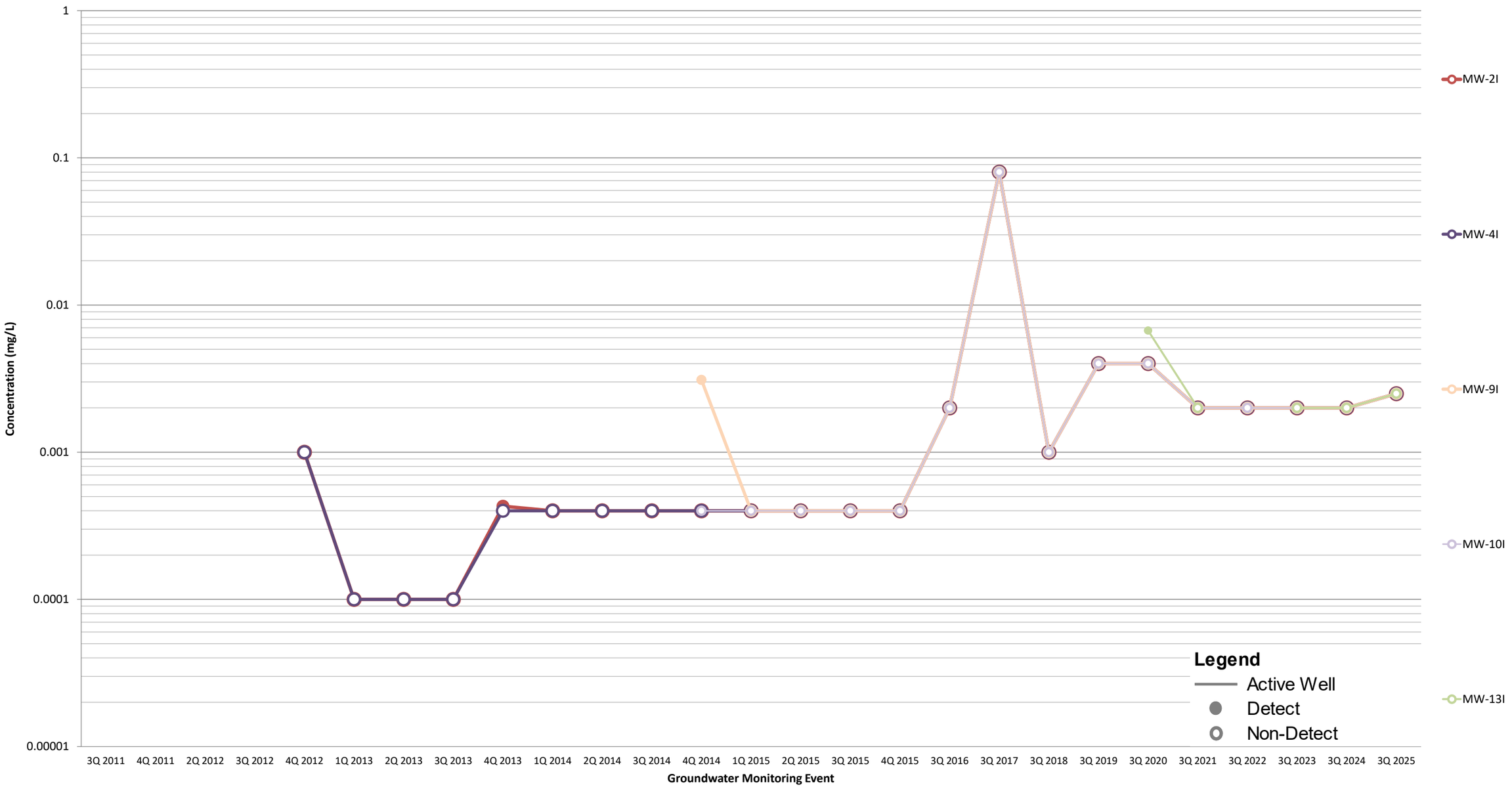
Dissolved Lead Trends in the Shallow Aquifer
2025 Groundwater Monitoring Report
Superlon Plastics Site, Tacoma, Washington

Figure 10



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Dissolved Lead Trends in the Intermediate Aquifer
2025 Groundwater Monitoring Report
Superlon Plastics Site, Tacoma, Washington

Figure 11

Tables

Table 1: Dissolved Arsenic Concentrations by Well and Groundwater Monitoring Event

Well ID	3Q 2011	Qual	4Q 2011	Qual	2Q 2012	Qual	3Q 2012	Qual	4Q 2012	Qual	1Q 2013	Qual	2Q 2013	Qual	3Q 2013	Qual	4Q 2013	Qual	1Q 2014	Qual	2Q 2014	Qual	3Q 2014	Qual	4Q 2014	Qual	1Q 2015	Qual	2Q 2015	Qual
MW-1S	0.0052	J	0.0063	J	0.0026	J	0.0071	J	0.013	UB	0.0093	B	0.0060	UB	0.019		0.010		0.0083		0.011		0.037		0.044		0.057		0.13	
MW-2S	0.049		0.11		0.0063	J	0.0095	J	0.052	UB	0.028	B	0.021	B	0.020		0.075		0.058		0.053		0.040		0.067		0.079		0.24	
MW-3S	4.0		15		11		4.9		5.8	B	5.0	B	4.6	B	4.9		7.8		12		16		16		14		13		14	
MW-4S	0.013	J	0.026		0.0057	J	0.0069	J	0.015	UB	0.0072	UB	0.027	B	0.0073		0.011		0.024		0.028		0.045		0.050		0.055		0.061	
MW-5S	0.36		0.28		0.41		0.51		0.45	B	0.48	B	0.32	B	0.37		0.54		0.34		0.24		0.28		0.40		0.40		0.50	
MW-6S	1.3		2.0		1.8		1.7		1.8	B	1.8	B	1.4	B	1.9		1.9		1.7		1.6		0.50		1.9		1.8		1.5	
MW-7S	0.0032	J	0.0041	J	0.020	U	0.0032	J	0.0025	UB	0.0020	UB	0.0016	UB	0.0014		0.0030		0.0019		0.0022		0.0025		0.0047		0.0021		0.0019	
MW-8S	NS		NS		NS		NS		21	B	13	B	21	B	7.7		8.9		27		0.66		13		25		5.5		40	
MW-9S	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		5.8		7.4		6.0	
MW-10S	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.42		0.49		0.50	
MW-11S	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		1.4		2.2		2.2	
MW-12S	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		100		71		90	
MW-13S	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
MW-1I	NS		NS		NS		NS		0.0042	UB	0.0011	UB	0.0031	UB	0.0028		0.0025		0.0024		0.0018		0.0026		0.0011		0.0015		0.0010	
MW-2I	NS		NS		NS		NS		0.0018	UB	0.0010	UB	0.0016	UB	0.00064		0.0027		0.0018		0.0018		0.0024		0.0013		0.0015		0.0012	
MW-3I	NS		NS		NS		NS		1.6	B	0.91	B	0.86	B	0.69		0.56		0.54		0.42		0.48		0.49		0.45		0.32	
MW-4I	NS		NS		NS		NS		0.0078	UB	0.0019	UB	0.0052	B	0.0012		0.0040		0.0023		0.0022		0.0030		0.0021		0.0024		0.0017	
MW-5I	NS		NS		NS		NS		0.0047	UB	0.0034	UB	0.0049	B	0.000088		0.0027		0.0017		0.0017		0.0026		0.0013		0.0014		0.0016	
MW-6I	NS		NS		NS		NS		0.0075	UB	0.0013	UB	0.0023	UB	0.0020		0.0033		0.0021		0.0020		0.0012		0.0014		0.0016		0.0011	
MW-7I	NS		NS		NS		1.5		0.0017	UB	0.00073	UB	0.0011	UB	0.00070		0.0029		0.0018		0.0017		0.0027		0.0019		0.0013		0.0010	U
MW-8I	NS		NS		NS		NS		0.021	UB	0.0027	UB	0.0040	UB	0.0017		0.0043		0.0026		0.0023		0.012		0.0063		0.0016		0.0048	
MW-9I	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.0020		0.0023		0.0028	
MW-10I	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.0027		0.0030		0.0018	
MW-11I	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.0025		0.086		0.097	
MW-12I	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.29		0.22		0.15	
MW-13I	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	

Notes:

- Results shown are in mg/L.
- Detection limit changed in 3Q17 event due to the analytical laboratory changing the analytical method for testing.
- In the event a duplicate sample result was greater than the parent sample result, the higher concentration was reported for the location

NS: Not sampled

Data Qualifiers:

U: Constituent was not detected, reporting limit is shown

J: Constituent was detected, concentration is estimated

B: Constituent was detected in an associated blank sample

Table 1: Dissolved Arsenic Concentrations by Well and Groundwater Monitoring Event

Well ID	3Q 2015	Qual	4Q 2015	Qual	3Q 2016	Qual	3Q 2017	Qual	3Q 2018	Qual	3Q 2019	Qual	3Q 2020	Qual	3Q 2021	Qual	3Q 2022	Qual	3Q 2023	Qual	3Q 2024	Qual	3Q 2025	Qual
MW-1S	0.11		1.2		44		57		NS		NS		NS		NS		NS		NS		NS		NS	
MW-2S	0.13		0.13		0.18		0.13		0.24		0.16		0.17		0.078		0.58		1.6		2.2		2.1	
MW-3S	15		13		14		20		NS		NS		NS		NS		NS		NS		NS		NS	
MW-4S	0.083		0.073		0.093		0.15		0.10	U	0.16		0.10		0.24		0.20		0.25		0.30		0.43	
MW-5S	0.49		0.50		1.1		0.86		NS		NS		NS		NS		NS		NS		NS		NS	
MW-6S	1.6		1.4		1.6		1.1		NS		NS		NS		NS		NS		NS		NS		NS	
MW-7S	0.0019		0.0023		0.0050	U	0.10	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-8S	32		32		40		41		NS		NS		NS		NS		NS		NS		NS		NS	
MW-9S	12		23		80		88		79		38		19		2.9		0.54		1.9		1.7		0.11	
MW-10S	0.64		0.61		0.59		0.61		1.1		0.95		3.3		2.3		1.7		0.90		0.84		0.69	
MW-11S	2.5		1.8		3.6		9.7		NS		NS		NS		NS		NS		NS		NS		NS	
MW-12S	120		110		67		59		NS		NS		NS		NS		NS		NS		NS		NS	
MW-13S	NS		NS		NS		NS		NS		NS		9.1		22		19		25		23		20	
MW-1I	0.0012		0.0025		0.83		0.13		NS		NS		NS		NS		NS		NS		NS		NS	
MW-2I	0.0014		0.0010		0.58		0.10	U	0.019		0.012		0.0069		0.0062		0.0069		0.0063		0.0050	U	0.0051	
MW-3I	0.39		0.39		0.38		0.10	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-4I	0.0017		0.0029		0.015		0.10	U	0.12		0.0050	U	0.055		0.0050	U	0.0068		0.0050	U	0.0050	U	0.0050	U
MW-5I	0.0014		0.0025		0.0050	U	0.10	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-6I	0.0015		0.0028		0.0050	U	0.13		NS		NS		NS		NS		NS		NS		NS		NS	
MW-7I	0.0012		0.0026		0.0059		0.10	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-8I	0.011		0.0012		0.0050	U	0.10	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-9I	0.0061		0.0010		0.18		0.10	U	0.0010	U	0.0050	U	0.019		0.0050	U	0.0050	U	0.0050	U	0.0050	U	0.0050	U
MW-10I	0.0023		0.0038		0.0050	U	0.10	U	0.0010	U	0.0050	U	0.0050	U	0.0050	U	0.0078		0.0070		0.0062		0.0073	
MW-11I	0.067		0.025		0.12		0.80		NS		NS		NS		NS		NS		NS		NS		NS	
MW-12I	0.13		0.22		0.098		1.0		NS		NS		NS		NS		NS		NS		NS		NS	
MW-13I	NS		NS		NS		NS		NS		NS		0.30		0.25		0.16		0.076		0.073		0.065	

Notes:

- Results shown are in mg/L.
- Detection limit changed in 3Q17 event due to the analytical laboratory changing the analytical method for testing.
- In the event a duplicate sample result was greater than the parent sample result, the higher concentration was reported for the location

NS: Not sampled

Data Qualifiers:

U: Constituent was not detected, reporting limit is shown

J: Constituent was detected, concentration is estimated

B: Constituent was detected in an associated blank sample

Table 2: Dissolved Lead Concentrations by Well and Groundwater Monitoring Event

Well ID	3Q 2011	Qual	4Q 2011	Qual	2Q 2012	Qual	3Q 2012	Qual	4Q 2012	Qual	1Q 2013	Qual	2Q 2013	Qual	3Q 2013	Qual	4Q 2013	Qual	1Q 2014	Qual	2Q 2014	Qual	3Q 2014	Qual	4Q 2014	Qual	1Q 2015	Qual	2Q 2015	Qual
MW-1S	0.010	U	0.010	U	0.010	U	0.010	U	0.0010	U	0.00010	U	0.00010	U	0.00010	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U
MW-2S	0.010	U	0.010	U	0.010	U	0.010	U	0.0010	U	0.00010	U	0.00010	U	0.00010	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U
MW-3S	0.0052	J	0.30		0.28		0.034		0.13		0.11	B	0.15	B	0.090		0.18		0.13		0.083		0.094		0.14		0.15		0.14	
MW-4S	0.010	U	0.0022	J	0.0020	J	0.010	U	0.0010	U	0.00010	U	0.00072	UB	0.00015		0.00040	U	0.00040	U	0.00044		0.00053		0.00097		0.00061		0.00072	
MW-5S	0.010	U	0.010	U	0.010	U	0.010	U	0.0010	U	0.00010	U	0.00010	U	0.00010	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U
MW-6S	0.022		0.0032	J	0.010	U	0.010	U	0.0031		0.00062	UB	0.00081	B	0.00037		0.00040	U	0.00040	U	0.00064		0.0013		0.00092		0.0012		0.00042	
MW-7S	0.012		0.010	U	0.010	U	0.010	U	0.0010	U	0.00010	U	0.00010	U	0.00010	U	0.00040	U	0.00040	U	0.00040	U	0.00065		0.00040	U	0.0012		0.00040	U
MW-8S	NS		NS		NS		NS		0.0012		0.00010	U	0.00010	U	0.00024		0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U
MW-9S	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.00040	U	0.00040	U	0.00040	U
MW-10S	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.017		0.023		0.027	
MW-11S	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.027		0.052		0.047	
MW-12S	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.087		0.010		0.019	
MW-13S	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	
MW-1I	NS		NS		NS		NS		0.0010	U	0.00010	U	0.00010	U	0.00010	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U
MW-2I	NS		NS		NS		NS		0.0010	U	0.00010	U	0.00010	U	0.00010	U	0.00043		0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U
MW-3I	NS		NS		NS		NS		0.014		0.00084	UB	0.0010	UB	0.00026		0.00040	U	0.00040	U	0.0011		0.00040	U	0.00040	U	0.00040	U	0.00040	U
MW-4I	NS		NS		NS		NS		0.0010	U	0.00010	U	0.00010	U	0.00010	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U
MW-5I	NS		NS		NS		NS		0.0010	U	0.00010	UB	0.00011	UB	0.00010	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U
MW-6I	NS		NS		NS		NS		0.0010	U	0.00010	U	0.00010	U	0.00010	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U
MW-7I	NS		NS		NS		1.5		0.0010	U	0.00010	U	0.00010	U	0.00010	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U
MW-8I	NS		NS		NS		NS		0.0010	U	0.00050	U	0.00010	UB	0.00010	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U	0.00040	U
MW-9I	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.0031		0.00040	U	0.00040	U
MW-10I	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.00040	U	0.00040	U	0.00040	U
MW-11I	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.00040	U	0.015		0.023	
MW-12I	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		0.00097		0.00040	U	0.00040	U
MW-13I	NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS		NS	

Notes:

- Results shown are in mg/L.
- Detection limit changed in 3Q17 event due to the analytical laboratory changing the analytical method for testing.
- In the event a duplicate sample result was greater than the parent sample result, the higher concentration was reported for the location

NS: Not sampled

Data Qualifiers:

U: Constituent was not detected, reporting limit is shown

J: Constituent was detected, concentration is estimated

B: Constituent was detected in an associated blank sample

Table 2: Dissolved Lead Concentrations by Well and Groundwater Monitoring Event

Well ID	3Q 2015	Qual	4Q 2015	Qual	3Q 2016	Qual	3Q 2017	Qual	3Q 2018	Qual	3Q 2019	Qual	3Q 2020	Qual	3Q 2021	Qual	3Q 2022	Qual	3Q 2023	Qual	3Q 2024	Qual	3Q 2025	Qual
MW-1S	0.00040	U	0.00040	U	0.0020	U	0.080	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-2S	0.00040	U	0.00040	U	0.0020	U	0.080	U	0.0010	U	0.0040	U	0.0040	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0025	U
MW-3S	0.083		0.14		0.10		0.11		NS		NS		NS		NS		NS		NS		NS		NS	
MW-4S	0.00080		0.00070		0.0020	U	0.080	U	0.10	U	0.0040	U	0.0040	U	0.0044		0.019		0.014		0.15		0.25	
MW-5S	0.00040	U	0.00040	U	0.0020	U	0.080	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-6S	0.0013		0.0012		0.0020	U	0.080	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-7S	0.00040	U	0.00040	U	0.0020	U	0.080	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-8S	0.00040	U	0.00040	U	0.0020	U	0.080	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-9S	0.00040	U	0.00040	U	0.0020	U	0.080	U	0.0010	U	0.0040	U	0.0040	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0025	U
MW-10S	0.042		0.031		0.018		0.080	U	0.077		0.096		0.25		0.061		0.0078		0.028		0.024		0.0065	
MW-11S	0.058		0.087		0.15		0.27		NS		NS		NS		NS		NS		NS		NS		NS	
MW-12S	0.060		0.051		0.0020	U	0.080	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-13S	NS		NS		NS		NS		NS		NS		0.28		0.31		0.087		0.29		0.078		0.19	
MW-1I	0.00040	U	0.00040	U	0.0020	U	0.080	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-2I	0.00040	U	0.00040	U	0.0020	U	0.080	U	0.0010	U	0.0040	U	0.0040	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0025	U
MW-3I	0.00040	U	0.00040	U	0.0020	U	0.080	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-4I	0.00040	U	0.00040	U	0.0020	U	0.080	U	0.0010	U	0.0040	U	0.0040	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0025	U
MW-5I	0.00040	U	0.00040	U	0.0020	U	0.080	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-6I	0.00040	U	0.00040	U	0.0020	U	0.080	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-7I	0.00040	U	0.00040	U	0.0020	U	0.080	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-8I	0.00040	U	0.00040	U	0.0020	U	0.080	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-9I	0.00040	U	0.00040	U	0.0020	U	0.080	U	0.0010	U	0.0040	U	0.0040	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0025	U
MW-10I	0.00040	U	0.00040	U	0.0020	U	0.080	U	0.0010	U	0.0040	U	0.0040	U	0.0020	U	0.0020	U	0.0020	U	0.0020	U	0.0025	U
MW-11I	0.014		0.0040		0.042		0.12		NS		NS		NS		NS		NS		NS		NS		NS	
MW-12I	0.00040	U	0.0011		0.0020	U	0.080	U	NS		NS		NS		NS		NS		NS		NS		NS	
MW-13I	NS		NS		NS		NS		NS		NS		0.0067		0.0020	U	0.0020		0.0020	U	0.0020	U	0.0025	U

Notes:

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- In the event a duplicate sample result was greater than the parent sample result, the higher concentration was reported for the location

NS: Not sampled

Data Qualifiers:

U: Constituent was not detected, reporting limit is shown

J: Constituent was detected, concentration is estimated

B: Constituent was detected in an associated blank sample

Table 3: pH by Well and Groundwater Monitoring Event

Well ID	3Q11	4Q11	2Q12	3Q12	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	2Q15	3Q15	4Q15	3Q16	3Q17	3Q18	3Q19	3Q20	3Q21	3Q22	3Q23	3Q24	3Q25
MW-1S	6.7	6.6	6.5	6.8	6.8	8.5	6.7	6.5	6.6	7.1	6.0	7.0	6.6	6.5	6.7	7.5	6.3	6.6	6.6	NS	NS	NS	NS	NS	NS	NS	NS
MW-2S	6.8	7.0	6.4	6.7	6.7	8.5	6.7	6.7	6.7	7.0	6.5	6.9	6.6	6.5	6.9	7.5	6.3	6.5	6.5	6.7	6.8	6.4	6.7	6.5	6.7	6.6	6.5
MW-3S	7.5	7.1	7.0	7.6	7.4	8.5	7.2	7.5	7.6	7.6	6.4	7.7	7.0	6.9	7.1	7.9	6.8	7.1	7.1	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S	9.1	6.7	6.5	7.0	6.7	8.3	6.1	6.9	6.5	6.9	6.2	7.0	6.6	6.5	6.7	7.5	6.1	6.7	7.5	6.8	6.9	7.0	6.9	6.9	6.8	6.9	6.9
MW-5S	8.5	6.8	6.1	6.7	6.4	7.9	6.4	6.5	6.4	6.8	5.8	6.9	6.4	6.4	6.7	6.9	6.3	6.7	6.5	NS	NS	NS	NS	NS	NS	NS	NS
MW-6S	7.3	6.9	6.5	7.0	6.8	7.9	6.3	6.3	6.6	8.9	5.9	6.8	6.6	6.5	6.7	7.2	6.1	6.7	6.5	NS	NS	NS	NS	NS	NS	NS	NS
MW-7S	11	7.0	6.6	7.3	6.9	9.1	6.9	7.2	6.9	7.2	6.2	7.1	6.8	6.8	6.9	7.6	6.6	6.8	6.5	NS	NS	NS	NS	NS	NS	NS	NS
MW-8S	NS	NS	NS	NS	7.0	NS	7.0	7.4	7.6	7.5	7.5	8.3	7.3	7.5	7.4	8.4	7.1	7.2	6.8	NS	NS	NS	NS	NS	NS	NS	NS
MW-9S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6.7	6.6	6.9	7.7	6.5	6.8	6.5	6.8	7.0	7.0	7.2	4.4	6.8	6.9	7.0
MW-10S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6.8	6.6	6.9	7.6	6.4	6.8	6.7	6.3	6.8	7.0	6.9	6.9	6.1	6.9	7.0
MW-11S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6.4	6.5	6.8	7.6	6.4	6.7	7.5	NS	NS	NS	NS	NS	NS	NS	NS
MW-12S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	6.8	6.5	6.7	7.6	6.3	6.5	6.3	NS	NS	NS	NS	NS	NS	NS	NS
MW-13S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	12	12	12	12	12	12
MW-1I	NS	NS	NS	NS	7.2	8.1	6.9	6.8	6.9	7.2	6.5	7.3	6.8	6.7	7.0	7.7	6.6	6.9	6.7	NS	NS	NS	NS	NS	NS	NS	NS
MW-2I	NS	NS	NS	NS	7.8	8.6	7.0	7.0	7.1	7.4	7.1	7.4	6.9	6.8	7.2	7.9	6.8	6.9	6.7	7.1	7.6	7.4	7.8	8.1	8.1	7.0	7.1
MW-3I	NS	NS	NS	NS	8.7	9.2	7.6	7.6	7.7	8.0	8.1	8.4	7.5	7.5	7.7	8.5	7.3	7.6	7.5	NS	NS	NS	NS	NS	NS	NS	NS
MW-4I	NS	NS	NS	NS	8.1	7.9	7.0	7.3	7.2	7.4	6.4	7.6	7.3	7.0	7.2	8.0	6.7	7.2	6.9	7.1	7.6	7.5	7.6	7.6	7.4	7.5	7.6
MW-5I	NS	NS	NS	NS	7.7	8.0	9.0	7.2	7.2	7.4	6.1	7.6	7.1	7.0	7.2	7.6	6.7	7.1	6.8	NS	NS	NS	NS	NS	NS	NS	NS
MW-6I	NS	NS	NS	NS	7.4	7.5	7.0	6.5	6.8	7.0	6.5	6.9	6.8	6.0	6.8	7.5	6.4	6.8	6.4	NS	NS	NS	NS	NS	NS	NS	NS
MW-7I	NS	NS	NS	NS	7.2	8.9	1.5	7.2	7.0	7.3	6.6	7.2	6.8	6.8	7.0	8.3	6.6	6.8	6.6	NS	NS	NS	NS	NS	NS	NS	NS
MW-8I	NS	NS	NS	NS	8.0	8.7	7.4	7.3	7.6	7.8	7.1	7.9	7.0	7.2	7.6	8.4	7.3	7.5	7.3	NS	NS	NS	NS	NS	NS	NS	NS
MW-9I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	7.2	7.4	7.6	8.6	7.4	7.6	7.1	7.3	8.0	8.1	8.0	8.2	7.6	7.4	7.6
MW-10I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	7.2	7.0	7.4	8.1	7.1	7.2	7.0	7.3	7.1	7.3	7.2	7.3	7.5	7.3	7.3
MW-11I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	7.5	7.4	7.6	NS	7.3	7.1	6.8	NS	NS	NS	NS	NS	NS	NS	NS
MW-12I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	7.5	7.5	7.7	8.5	7.3	7.6	7.2	NS	NS	NS	NS	NS	NS	NS	NS
MW-13I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	7.5	7.8	8.0	7.8	7.5	7.5

Notes:

NS: not sampled

Table 4: Eh by Well and Groundwater Monitoring Event

Well ID	3Q11	4Q11	2Q12	3Q12	4Q12	1Q13	2Q13	3Q13	4Q13	1Q14	2Q14	3Q14	4Q14	1Q15	2Q15	3Q15	4Q15	3Q16	3Q17	3Q18	3Q19	3Q20	3Q21	3Q22	3Q23	3Q24	3Q25
MW-1S	121	82	66	98	103	96	55	103	82	39	104	-28	81	-6.0	-16	10.0	41	30	71	NS	NS	NS	NS	NS	NS	NS	NS
MW-2S	89	55	62	98	100	80	45	82	69	32	48	-20	88	-19	-58	20	41	31	63	143	107	147	104	64	102	85	-64
MW-3S	58	78	36	62	112	90	49	48	45	33	60	-47	59	-32	14	-10.0	5.0	-1.0	89	NS	NS	NS	NS	NS	NS	NS	NS
MW-4S	58	92	49	3.0	97	68	76	32	42	31	27	-27	58	-14	113	6.0	27	17	82	425	109	79	118	6.0	102	120	-95
MW-5S	69	89	1.0	102	119	90	53	69	66	42	60	-17	80	-22	6.0	14	31	24	60	NS	NS	NS	NS	NS	NS	NS	NS
MW-6S	32	60	59	89	77	80	84	100	78	45	81	-22	75	-16	51	8.0	45	29	69	NS	NS	NS	NS	NS	NS	NS	NS
MW-7S	58	66	76	90	53	82	52	52	64	38	29	-38	81	-7.0	-6.0	-5.0	18	24	87	NS	NS	NS	NS	NS	NS	NS	NS
MW-8S	NS	NS	NS	NS	93	NS	24	56	36	20	-1.0	-65	38	-49	-65	-20	5.0	2.0	61	NS	NS	NS	NS	NS	NS	NS	NS
MW-9S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	62	-74	-60	-20	12	10.0	47	282	54	65	32	169	151	136	-73
MW-10S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	92	-92	-34	-6.0	27	27	63	270	89	77	78	47	340	121	65
MW-11S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	31	-23	-27	-6.0	21	31	76	NS	NS	NS	NS	NS	NS	NS	NS
MW-12S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	100	15	30	40	45	71	120	NS	NS	NS	NS	NS	NS	NS	NS
MW-13S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	25	-129	-105	20	-59	-91
MW-1I	NS	NS	NS	NS	132	143	94	134	115	77	104	15	126	39	31	24	65	58	262	NS	NS	NS	NS	NS	NS	NS	NS
MW-2I	NS	NS	NS	NS	82	87	50	104	79	45	93	-18	91	-8.0	-36	-2.0	30	37	90	270	58	340	400	185	433	164	110
MW-3I	NS	NS	NS	NS	183	30	11	73	31	-5.0	-34	-66	28	-64	-79	-36	-15	-10.0	187	NS	NS	NS	NS	NS	NS	NS	NS
MW-4I	NS	NS	NS	NS	138	101	70	68	49	31	54	-32	59	-7.0	116	-6.0	40	26	72	469	307	110	68	77	93	112	51
MW-5I	NS	NS	NS	NS	82	89	-72	76	62	32	77	-36	51	-18	55	2.0	42	34	60	NS	NS	NS	NS	NS	NS	NS	NS
MW-6I	NS	NS	NS	NS	102	122	74	125	95	76	74	5.0	97	-2.0	73	6.0	46	36	86	NS	NS	NS	NS	NS	NS	NS	NS
MW-7I	NS	NS	NS	NS	74	66	1.5	80	65	39	23	-21	92	-1.0	7.0	2.0	41	50	115	NS	NS	NS	NS	NS	NS	NS	NS
MW-8I	NS	NS	NS	NS	104	79	39	79	53	18	45	-38	46	-17	2.0	-16	23	5.0	53	NS	NS	NS	NS	NS	NS	NS	NS
MW-9I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	57	-129	-81	-56	-23	-21	46	366	18	11	36	NR	51	75	10
MW-10I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	89	-30	1.0	-14	29	21	71	365	306	77	93	NR	54	93	-31
MW-11I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	21	-42	-30	NS	13	45	91	NS	NS	NS	NS	NS	NS	NS	NS
MW-12I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	37	-72	-70	-36	-15	-7.0	50	NS	NS	NS	NS	NS	NS	NS	NS
MW-13I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	99	151	76	101	123	-28

Notes:

- Activity of Electrons (Eh) values were calculated from the final field oxidation reduction potential results during water quality parameter stabilization (see Appendix A) by adding the correction factor of 200. Eh values are shown in millivolts (mV).

NS: not sampled

NR: no reading

Appendix A

PIONEER TECHNOLOGIES CORPORATION (PIONEER)
GROUNDWATER MONITORING FORM

Stabilization:
Δ SWL < 0.33 ft | Turb ± 10%
pH ± 0.1 | DO ± 0.3 mg/L
SC, Temp ± 3% | ORP ± 10 mV

SITE NAME: Superlon Plastics **FIELD TECHNICIAN(S):** Michael Kurkov, Mikheil Tatishvilli **DATE:** August 7,2025

WELL INFO				DTW				PURGING											SAMPLE COLLECTION		PURGE WATER	
										Stabilization												
Well ID	Total Depth (ft)	Screen Interval (ft)	Current Condition (e.g., seal, cover, cap, casing, lock)	Time	Depth to NAPL (ft)	Depth to Water (ft)	NAPL Thick. (ft)	Pump Type	Intake Depth (ft)	Elaps. Time (min)	Flow Rate (L/min)	SWL (ft)	Temp (°C)	D.O. (mg/L)	Spec. Cond. (mS/cm)	pH	ORP (mV)	Turb (NTU)	Time	Field Kit Results / General Comments	Vol (gal)	Disposal / Storage Comments
MW-2I	46.9	35 - 45		0950	–	10.50	–	Peri	~40	0959		10.85	15.7	4.80	4.963	7.29	-61.6	31.92	1030	clear no odor	~1.0	on-site drum
										10:02		10.77	15.3	1.02	5.274	7.09	-70.6	22.85				
										10:05		10.78	15.3	0.60	5.195	7.09	-75.8	18.03				
										10:08		10.80	15.3	0.40	5.127	7.09	-79.8	13.30				
										10:11		10.80	15.3	0.28	5.092	7.09	-82.5	11.93				
										10:14		10.80	15.3	0.21	5.125	7.09	-84.7	12.83				
										10:17		10.79	15.2	0.16	5.168	7.09	-86.2	14.14				
										10:20		10.80	15.3	0.14	5.206	7.09	-87.7	8.76				
										10:23		10.85	15.3	0.10	5.227	7.09	-88.8	10.32				
										10:26		10.86	15.3	0.08	5.238	7.09	-89.8	14.94				
										10:29		10.88	15.2	0.07	5.242	7.09	-90.4	18.21				
MW-4I	50.63	43 - 53		0840	–	5.19	–		~48	8:49	–	5.33	15.6	2.07	2.921	7.52	-111.8	3.99	910	clear no odor	~1.0	
										8:52		5.33	15.1	0.51	2.783	7.55	-135.8	6.25				
										8:55		5.33	14.9	0.28	2.783	7.56	-142.5	10.45				
										8:58		5.33	14.8	0.17	2.788	7.57	-146.3	7.24				
										9:01		5.36	14.8	0.11	2.783	7.58	-149.0	9.27				
										9:04			~~15.3~~	0.09								
										9:07												
										9:10												
										9:13												
										9:16												
										9:19												
~~[redacted]~~ MW-13S	23.8	~~[redacted]~~ 15-25		1125	–	6.46	–		~45	11:29		6.73	16.9	3.25	1.761	11.74	-221.3	16.91	1200 + dup	clear-brown sulfur-like odor	~1.0	
										11:32		6.75	16.4	0.50	1.742	11.74	-249.7	16.77				
										11:35		6.75	16.9	0.17	1.751	11.72	-258.9	12.29				
										11:38		6.75	16.9	0.08	1.761	11.72	-265.6	11.61				
										11:41		6.75	17.0	0.03	1.775	11.73	-271.4	10.99				
										11:44		6.75	17.0	0.00	≈1.790	11.74	-276.2	10.39				
										11:47		6.75	17.0	-0.03	≈1.797	11.74	-283.3	11.11				
										11:50		6.75	17.0	-0.04	1.793	11.74	-286.6	11.02				
										11:53		6.75	17.0	-0.05	1.792	11.74	-290.5	12.20				

PIONEER TECHNOLOGIES CORPORATION (PIONEER)
GROUNDWATER MONITORING FORM

Stabilization:
Δ SWL < 0.33 ft | Turb ± 10%
pH ± 0.1 | DO ± 0.3 mg/L
SC, Temp ± 3% | ORP ± 10 mV

SITE NAME: Superlon Plastics | FIELD TECHNICIAN(S): Michael Kurkov, Mikheil Tatishvilli | DATE: August 7,2025

WELL INFO				DTW				PURGING											SAMPLE COLLECTION		PURGE WATER	
										Stabilization												
Well ID	Total Depth (ft)	Screen Interval (ft)	Current Condition (e.g., seal, cover, cap, casing, lock)	Time	Depth to NAPL (ft)	Depth to Water (ft)	NAPL Thick. (ft)	Pump Type	Intake Depth (ft)	Elaps. Time (min)	Flow Rate (L/min)	SWL (ft)	Temp (°C)	D.O. (mg/L)	Spec. Cond. (mS/cm)	pH	ORP (mV)	Turb (NTU)	Time	Field Kit Results / General Comments	Vol (gal)	Disposal / Storage Comments
MW-9I	43.4	11-51		1405	—	10.33	—	Peri	~46	14 32		10.37	21.9	2.32	7.133	7.82	-209.4	6.82	1505	NTU did not stabilize	~1.0	on-site drum
										14 35		10.39	20.7	0.47	7.105	7.82	-214.5	7.61				
										14 38		10.40	20.0	0.24	7.116	7.76	-212.9	10.20				
										14 41		10.40	19.8	0.14	7.161	7.75	-209.6	9.10				
										14 44		10.41	19.9	0.12	7.172	7.71	-206.3	14.52				
										14 47		10.41	19.1	0.06	7.311	7.66	-201.8	33.70				
										14 50		10.41	19.2	0.04	7.192	7.64	-199.9	60.14				
										14 53		10.41	19.3	0.03	7.204	7.63	-197.5	76.56				
										14 56		10.41	19.2	0.02	7.206	7.62	-196.2	85.91				
										14 59		10.41	19.3	0.02	7.200	7.60	-194.2	118.09				
										15 02		10.41	19.3	0.00	7.224	7.56	-190.2	168.90				
MW-10S	16-26			1635	-	9.66	—	↓	20	1628		9.70	17.2	0.18	2.355	7.04	-135.7	10.31	1635	Water brown from tannins. Filtered.	~0.5	↓
										1631		9.70	17.2	0.17	2.345	7.05	-135.8	10.49				
										1634		9.70	17.3	0.17	2.352	7.04	-135.5	18.08				
										1635	Stabilized ✓											

PIONEER TECHNOLOGIES CORPORATION (PIONEER)
GROUNDWATER MONITORING FORM

Stabilization:
Δ SWL < 0.33 ft | Turb ± 10%
pH ± 0.1 | DO ± 0.3 mg/L
SC, Temp ± 3% | ORP ± 10 mV

SITE NAME: Superlon Plastics | FIELD TECHNICIAN(S): Michael Kurkov, Mikheil Tatishvilli | DATE: August 7,2025

WELL INFO				DTW				PURGING											SAMPLE COLLECTION		PURGE WATER	
										Stabilization												
Well ID	Total Depth (ft)	Screen Interval (ft)	Current Condition (e.g., seal, cover, cap, casing, lock)	Time	Depth to NAPL (ft)	Depth to Water (ft)	NAPL Thick. (ft)	Pump Type	Intake Depth (ft)	Elaps. Time (min)	Flow Rate (L/min)	SWL (ft)	Temp (°C)	D.O. (mg/L)	Spec. Cond. (mS/cm)	pH	ORP (mV)	Turb (NTU)	Time	Field Kit Results / General Comments	Vol (gal)	Disposal / Storage Comments
MW-9S	21.85	21 - 31	Casing rusty, filled w/water, Purge water at well OK.	1420	N/A	10.74	N/A	Peri	21	3		10.47	19.3	0.67	1.253	7.04	-198.2	33.35	1510	No sheen. Foul smell. Filtered. Needs redevelopment	1	Waste water stored in onsite drum
										3		10.55	20.6	0.31	1.262	7.01	-242.7	46.01				
										3		10.55	20.7	0.25	1.266	7.0	-251.8	52.50				
										3		10.55	20.8	0.19	1.263	6.99	-259	53.75				
										3		10.55	20.9	0.15	1.263	6.99	-267.9	55.12				
										3		10.55	21.6	0.11	1.259	6.98	-272.3	66.8				
										3		10.54	21.6	0.09	1.258	6.97	-272.5	67.36				
										3		10.54	21.6	0.08	1.257	6.97	-272.5	69.12				
										1507	Stabilized ✓											
~~MW-10S~~ MW-10T		16 - 26 39-49		1600	N/A	9.81	N/A	Peri	20 -25	3		10.99	16.8	1.05	23.54	7.05	-136.1	5.36	1650		1.5	
										3		10.89	18.6	1.71	8.964	7.46	-135.7	5.02				
										3		10.91	19.0	0.93	8.618	7.33	-154.7	4.89				
										3		10.91	18.9	0.50	8.615	7.31	-179.8	6.19				
													18.9	0.30	8.515	7.32	-201.1	8.18				
													18.6	0.23	8.584	7.32	-212.3	9.71				
										1641			18.6	0.21	8.925	7.33	-218.6	7.57				
										1644		10.69	17.3	[illegible]	8.549	7.32	-223.9	4.49				
										1647		10.69	17.4	0.23	8.577	7.32	-227.3	4.40				
										1650		10.69	17.5	0.17	8.572	7.32	-230.5	4.64				
										1650	Stabilized ✓											

PIONEER TECHNOLOGIES CORPORATION (PIONEER)
GROUNDWATER MONITORING FORM

Stabilization:
Δ SWL < 0.33 ft | Turb ± 10%
pH ± 0.1 | DO ± 0.3 mg/L
SC, Temp ± 3% | ORP ± 10 mV

SITE NAME: Superlon Plastics FIELD TECHNICIAN(S): Michael Kurkov, Mikheil Tatishvilli DATE: August 7,2025

WELL INFO				DTW				PURGING											SAMPLE COLLECTION		PURGE WATER	
										Stabilization												
Well ID	Total Depth (ft)	Screen Interval (ft)	Current Condition (e.g., seal, cover, cap, casing, lock)	Time	Depth to NAPL (ft)	Depth to Water (ft)	NAPL Thick. (ft)	Pump Type	Intake Depth (ft)	Elaps. Time (min)	Flow Rate (L/min)	SWL (ft)	Temp (°C)	D.O. (mg/L)	Spec. Cond. (mS/cm)	pH	ORP (mV)	Turb (NTU)	Time	Field Kit Results / General Comments	Vol (gal)	Disposal / Storage Comments
MW-2S	79.19	19 - 25	Casing OK. Well OK	0950	N/A	9.94	N/A	Peri	23'	3		9.94	14.4	0.59	0.819	6.54	-175.7	7.32	1035	Fuel ~~Bentonite~~ sheen on water. Filtered.	2.5	Waste water stored in onsite drum
										3		9.94	14.3	0.31	0.817	6.52	-215.3	6.79				
										3		9.94	14.3	0.19	0.817	6.50	-235.7	4.62				
										3		9.94	14.3	0.12	0.819	6.47	-247.9	4.50				
										3		9.94	14.2	0.07	0.853	6.46	-257.9	4.51				
										3		9.94	14.2	0.05	0.859	6.46	-260.7	4.52				
										3		9.94	14.2	0.04	0.862	6.47	-262.3	4.47				
										3		9.94	14.2	0.03	0.865	6.49	-263.8	4.50				
										1030	Stabilized	✓										
MW-4S	13.61	19 - 24	Cover + casing is rusty; well is OK	0843	N/A	5.23	N/A	Peri.	22'	3		5.25	14.1	0.61	2.253	6.89	197.4	3.08	0920	Filtered. Water brown from organic tannins.	2	Waste water stored in onsite drum.
										3		5.23	14.0	0.06	2.475	6.86	-271.5	2.50				
										3		5.23	14.0	0.01	2.255	6.88	-289.7	2.49				
										3		5.23	14.0	0.00	2.279	6.88	-294.4	2.49				
										3		5.22	13.9	0.00	2.264	6.89	-294.7	2.49				
										0920	Stabilized	✓										
[redacted] MW-13I	49.1	[redacted] 40-50	Cover + casing is rusty. Water inside casing purged out. Well is OK	1125	N/A	7.41	N/A	Peri	45'	3		7.43	15.4	1.47	5.435	7.53	-170.1	10.21	[redacted] 12.10	Filtered.	1.5	Waste water stored in onsite drum.
										3		7.44	15.5	1.08	5.517	7.52	-182.8	9.74				
										3		7.45	16.0	1.14	5.586	7.52	-184.5	9.30				
										5		7.51	16.6	1.17	5.567	7.52	-192.4	4.78				
										3		7.51	15.3	0.18	5.578	7.50	-214.2	7.70				
										3		7.51	15.2	0.09	5.677	7.49	-224.9	10.70				
										3		7.51	15.2	0.07	5.651	7.49	-228.5	13.41				
										3		7.51	15.2	0.06	5.650	7.49	-229.5	12.93				
										1155	Stabilized	✓										

EQUIPCO RENTALS

YSI ProDSS RENTAL
CALIBRATION CERTIFICATE

SERVICE TECHNICIAN: DM

DATE: 8/4/25

RENTAL CUSTOMER: Pioneer

INSTRUMENT INFORMATION

RENTAL I.D. NUMBER: YSI-ProDSS. 05

SERIAL NUMBER: 16F102616

CALIBRATION INFORMATION

PARAMETER:	STANDARD:	PASS ( )	LOT #
1. CONDUCTIVITY	1.000 µMhos	X	090772
2. pH ZERO	pH 7	X	090776
pH SLOPE	pH 4	X	086096
pH SLOPE	pH 10	X	090771
3. DISSOLVED OXYGEN	Air Calibration Barometric pressure = 760mmHg	X	N/A
4. TURBIDITY ZERO	0.0 NTU's	X	N/A
TURBIDITY SPAN	100 NTU's	X	N/A
5. REDOX (ORP)	231mV (YSI Zobell solution)	X	122123

2689 151st PL NE, Redmond, WA 98052 Phone (925) 234-5678 Fax (925) 305-1303

EQUIPCO RENTALS

YSI ProDSS RENTAL
CALIBRATION CERTIFICATE

SERVICE TECHNICIAN: CM

DATE: 8/6/25

RENTAL CUSTOMER: Pioneer

INSTRUMENT INFORMATION

RENTAL I.D. NUMBER: YSI-ProDSS 04

SERIAL NUMBER: 16F102615

CALIBRATION INFORMATION

PARAMETER:	STANDARD:	PASS ( )	LOT #
1. CONDUCTIVITY	1,000 µMhos	X	090772
2. pH ZERO	pH 7	X	090770
pH SLOPE	pH 4	X	136096
pH SLOPE	pH 10	X	090771
3. DISSOLVED OXYGEN	Air Calibration Barometric pressure = 760mmHg	X	N/A
4. TURBIDITY ZERO	0.0 NTU's	X	N/A
TURBIDITY SPAN	100 NTU's	X	N/A
5. REDOX (ORP)	231mV (YSI Zobell solution)	X	122123

2689 151st PL NE, Redmond, WA 98052 Phone (925) 234-5678 Fax (925) 305-1303

Appendix B

QA/QC SOLUTIONS, LLC

James J. Mc Ateer, Jr.
Managing Member
7532 Champion Hill Rd. SE
Salem, Oregon 97306
Cellular: 503.881.1501
email: jjmcateer@msn.com

September 25, 2025

Nathan Starr, L.G.
Pioneer Technologies Corporation
5205 Corporate Center Court SE, Suite A
Olympia, Washington 98503-5901

Subject: Data Validation Review for the Superlon Plastics Site Annual 2025 Groundwater Monitoring Well Sampling Event
Task Order No.: Not Specified
QA/QC Solutions, LLC Project No.: 090325.1

Dear Nathan:

This letter documents the results of the data validation review for the analysis of dissolved arsenic and dissolved lead completed on groundwater samples associated with Superlon Plastic Site Annual 2025 groundwater monitoring well sampling event.

The data reported were validated to verify applicable laboratory quality assurance and quality control (QA/QC) procedures were documented and of sufficient quality to support its intended purpose(s). A summary of the overall assessment of data quality, the data set, a summary of the analytical methods used to complete the chemical analyses, a summary of the data validation procedures, summary of data that may have been qualified, and general comments is presented below.

Overall Assessment of Data Quality

Overall, the data reported are of good quality and the results for the applicable QA/QC procedures that were used by the laboratory during the analysis of the samples were acceptable. During data validation no results required qualification as estimated (*J*), restatement as undetected (*U*), or rejection (*R*).

Data Set

The data set consisted of 11 groundwater samples, (10 filtered samples and 1 filtered field duplicate sample) collected on August 7, 2025. *QA/QC Solutions, LLC* received the abbreviated data summary and electronic data deliverable (EDD) from Pioneer Technologies, Inc. on September 3, 2025.

A summary of the samples collected and analyses completed for dissolved arsenic and dissolved lead is presented in Table 1. All samples were analyzed by Eurofins Seattle located in Tacoma, Washington under Laboratory Job ID 580-153032-1.

Analytical Methods

Analyses for dissolved arsenic and lead was completed by filtration through 0.45-µm filter in the field, the samples pH was adjusted to <2, and the analyses completed by inductively coupled plasma-mass spectrometry (ICP-MS) using U.S. EPA SW-846 Method 6020B (U.S. EPA 2025).

Data Validation Procedures

Data validation procedures included evaluating a summary of the sample results and applicable quality control results reported by the laboratory; this level of validation is also referred to as an abbreviated data review (equivalent to "Stage 2A/2B" review per U.S. EPA 2009. The analytical data were validated generally following the applicable guidance and requirements:

- Method-specific and laboratory-established quality control requirements, as applicable.
- *Guidance on Environmental Data Verification and Validation* (U.S. EPA 2002).
- *Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use*. OSWER No. 9200.1-85. EPA 540-R-08-005. (U.S. EPA 2009).
- *National Functional Guidelines for Inorganic Data Superfund Data Review. Final*. OLEM 9240.1-66 EPA 542-R-20-006 November 2020. U.S. Environmental Protection Agency (EPA), Office of Superfund Remediation and Technology Innovation (OSRTI), Washington, DC. (U.S. EPA 2020).

The laboratory data deliverables that were validated included the following:

- Case narrative discussing analytical problems (if any) and procedures.
- Chain-of-custody (COC) documentation to verify completeness of the data set.
- Laboratory summary result forms to verify analytical holding times were met.
- Results for the method blank to determine whether an analyte that was reported as detected in any sample was the result of possible contamination introduced at the laboratory.
- Results for laboratory control sample (LCS) (i.e., blank spike) recoveries to assess analytical accuracy. Results for an LCS duplicate, matrix spike (MS), and matrix spike duplicate (MSD) were not reported in this data report.
- Analytical precision could not be assessed because a laboratory duplicate sample, LCS duplicate, or MSD were not reported.
- Results for the field duplicate sample (GW-MW-13S-0825) to provide additional information in support of the quality assurance review.
- Laboratory summaries of analytical results.

Verification and validation of 100-percent of all applicable laboratory calculations, transcriptions, review of instrument printouts, and review of bench sheets were not completed during the data validation review. There may be analytical problems that could only be identified by reviewing every instrument printout and associated analytical quality control results. Verification of all possible factors that could result in the degradation of data quality was not completed nor should be inferred at this time. The laboratory case narratives did not indicate any significant problems with data that were not reviewed during data validation. The adequacy of the sampling procedures was not completed during the data validation.

Performance based control limits established by the laboratory, applicable control limits specified in the analytical methods, and best professional judgement were used to evaluate data quality and to determine if specific data required qualification. Data qualifiers were assigned during data validation following guidance

specified by U.S. EPA (2002b, 2020a, and 2020b) to the EDD when applicable QC measurement criteria were not met and qualification of the data was warranted.

Reasons for Data Qualification

No sample results required qualification.

General Comments

- Data users should refer to the laboratory data package for complete information pertinent to the analyses completed.
- Data users should note that filtration through 0.45-µm filter is an "operational" definition and is not indicative of a "truly dissolved" aqueous fraction.
- Results that were reported as a non-detect were at the applicable reporting limit.
- Sample results were reported from a dilution factor of 5x or 50x.

This concludes the data validation review. Should you have any questions regarding the information presented herein, please contact me by telephone at 503.881.1501 or by e-mail at jjmcateer@msn.com.

Cordially,

James J. Mc Ateer, Jr.
Managing Member

Attachment

References

U.S. EPA 2002. Guidance on Environmental Data Verification and Data Validation. EPA QA/G-8. EPA/240/R-02/004. November 2002. U.S. Environmental Protection Agency, Office of Environmental Information, Washington DC.

U.S. EPA 2009. Guidance for Labeling Externally Validated Laboratory Analytical Data for Superfund Use. OSWER No. 9200.1-85. EPA 540-R-08-005. January 13, 2009.U.S. Environmental Protection Agency, Office of Solid Waste and Emergency Response, Washington, DC.

U.S. EPA 2020. National Functional Guidelines for Inorganic Data Superfund Data Review. Final. OLEM 9240.1-66 EPA 542-R-20-006. November 2020. Office of Superfund Remediation and Technology Innovation (OSRTI), U.S. Environmental Protection Agency.

U.S. EPA 2025. SW-846 on-line. Test methods for evaluating solid wastes, physical/chemical methods. https://www.epa.gov/hw-sw846/sw-846-compendium (last updated on May 30. 2025). U.S. Environmental Protection Agency, Office of Solid Waste, Washington, DC.

Table 1. Summary of Samples Collected and Analyses Completed

Sample Number	Laboratory Sample Number	Sample Date	Time Collected	Dissolved Arsenic and Lead by 6020B
GW-MW-2S-0825	580-153032-1	08/07/25	10:35	✓
GW-MW-2I-0825	580-153032-2	08/07/25	10:30	✓
GW-MW-4S-0825	580-153032-3	08/07/25	09:20	✓
GW-MW-4I-0825	580-153032-4	08/07/25	09:10	✓
GW-MW-9S-0825	580-153032-5	08/07/25	15:10	✓
GW-MW-9I-0825	580-153032-6	08/07/25	15:05	✓
GW-MW-10S-0825	580-153032-7	08/07/25	16:35	✓
GW-MW-10I-0825	580-153032-8	08/07/25	16:50	✓
GW-MW-13S-0825	580-153032-9	08/07/25	12:00	✓
GW-MW-13I-0825	580-153032-10	08/07/25	12:10	✓
\				
GW-MW-13S-0825-01	580-153032-11	08/07/24	12:00	✓

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Nathan Starr
Pioneer Technologies Corp
5205 Corporate Center Ct SE
Suite A
Olympia, Washington 98503

Generated 8/15/2025 11:03:48 AM

JOB DESCRIPTION

Superlon GWM 2025

JOB NUMBER

580-153032-1

Eurofins Seattle
5755 8th Street East
Tacoma WA 98424

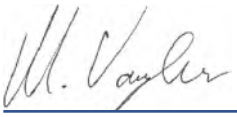
See page two for job notes and contact information.

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northwest, LLC Project Manager.

Authorization



Generated
8/15/2025 11:03:48 AM

Authorized for release by
Madison Vaughan, Analyst I
Madison.Vaughan@et.eurofinsus.com
(509)437-1746

Table of Contents

Job ID: 580-153032-1 Eurofins Seattle

Job Narrative
580-153032-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/7/2025 5:11 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client: Pioneer Technologies Corp
Project/Site: Superlon GWM 2025

Job ID: 580-153032-1

Client Sample ID: GW-MW2S-0825
Date Collected: 08/07/25 10:35
Date Received: 08/07/25 17:11

Lab Sample ID: 580-153032-1
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	2.1		0.0050		mg/L		08/13/25 17:01	08/14/25 17:52	5
Lead	ND		0.0025		mg/L		08/13/25 17:01	08/14/25 17:52	5

Client: Pioneer Technologies Corp
Project/Site: Superlon GWM 2025

Job ID: 580-153032-1

Client Sample ID: GW-MW2I-0825
Date Collected: 08/07/25 10:30
Date Received: 08/07/25 17:11

Lab Sample ID: 580-153032-2
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0051**		0.0050		mg/L		08/13/25 17:01	08/14/25 17:56	5
Lead	ND		0.0025		mg/L		08/13/25 17:01	08/14/25 17:56	5

Client: Pioneer Technologies Corp
Project/Site: Superlon GWM 2025

Job ID: 580-153032-1

Client Sample ID: GW-MW4S-0825
Date Collected: 08/07/25 09:20
Date Received: 08/07/25 17:11

Lab Sample ID: 580-153032-3
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.43		0.0050		mg/L		08/13/25 17:01	08/14/25 17:59	5
Lead	0.25		0.0025		mg/L		08/13/25 17:01	08/14/25 17:59	5

Client: Pioneer Technologies Corp
Project/Site: Superlon GWM 2025

Job ID: 580-153032-1

Client Sample ID: GW-MW4I-0825
Date Collected: 08/07/25 09:10
Date Received: 08/07/25 17:11

Lab Sample ID: 580-153032-4
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		08/13/25 17:01	08/14/25 18:02	5
Lead	ND		0.0025		mg/L		08/13/25 17:01	08/14/25 18:02	5

Client: Pioneer Technologies Corp
Project/Site: Superlon GWM 2025

Job ID: 580-153032-1

Client Sample ID: GW-MW9S-0825
Date Collected: 08/07/25 15:10
Date Received: 08/07/25 17:11

Lab Sample ID: 580-153032-5
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.11		0.0050		mg/L		08/13/25 17:01	08/14/25 18:06	5
Lead	ND		0.0025		mg/L		08/13/25 17:01	08/14/25 18:06	5

Client: Pioneer Technologies Corp
Project/Site: Superlon GWM 2025

Job ID: 580-153032-1

Client Sample ID: GW-MW9I-0825
Date Collected: 08/07/25 15:05
Date Received: 08/07/25 17:11

Lab Sample ID: 580-153032-6
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0050		mg/L		08/13/25 17:01	08/14/25 18:09	5
Lead	ND		0.0025		mg/L		08/13/25 17:01	08/14/25 18:09	5

Client: Pioneer Technologies Corp
Project/Site: Superlon GWM 2025

Job ID: 580-153032-1

Client Sample ID: GW-MW10S-0825
Date Collected: 08/07/25 16:35
Date Received: 08/07/25 17:11

Lab Sample ID: 580-153032-7
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.69		0.0050		mg/L		08/13/25 17:01	08/14/25 18:13	5
Lead	0.0065		0.0025		mg/L		08/13/25 17:01	08/14/25 18:13	5

Client: Pioneer Technologies Corp
Project/Site: Superlon GWM 2025

Job ID: 580-153032-1

Client Sample ID: GW-MW10I-0825
Date Collected: 08/07/25 16:50
Date Received: 08/07/25 17:11

Lab Sample ID: 580-153032-8
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0073**		0.0050		mg/L		08/13/25 17:01	08/14/25 18:16	5
Lead	ND		0.0025		mg/L		08/13/25 17:01	08/14/25 18:16	5

Client: Pioneer Technologies Corp
Project/Site: Superlon GWM 2025

Job ID: 580-153032-1

Client Sample ID: GW-MW13S-0825
Date Collected: 08/07/25 12:00
Date Received: 08/07/25 17:11

Lab Sample ID: 580-153032-9
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	19		0.050		mg/L		08/13/25 17:01	08/14/25 18:28	50
Lead	0.17		0.0025		mg/L		08/13/25 17:01	08/14/25 18:19	5

Client: Pioneer Technologies Corp
Project/Site: Superlon GWM 2025

Job ID: 580-153032-1

Client Sample ID: GW-MW13I-0825
Date Collected: 08/07/25 12:10
Date Received: 08/07/25 17:11

Lab Sample ID: 580-153032-10
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.065**		0.0050		mg/L		08/13/25 17:01	08/14/25 18:31	5
Lead	ND		0.0025		mg/L		08/13/25 17:01	08/14/25 18:31	5

Client Sample Results

Client: Pioneer Technologies Corp
Project/Site: Superlon GWM 2025

Job ID: 580-153032-1

Client Sample ID: GW-MW13S-0825-(01)
Date Collected: 08/07/25 12:00
Date Received: 08/07/25 17:11

Lab Sample ID: 580-153032-11
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	20		0.050		mg/L		08/13/25 17:01	08/14/25 18:38	50
Lead	0.19		0.0025		mg/L		08/13/25 17:01	08/14/25 18:35	5

Client: Pioneer Technologies Corp
Project/Site: Superlon GWM 2025

Job ID: 580-153032-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 350-8855/25-A
Matrix: Water
Analysis Batch: 8905

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 8855

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		0.0010		mg/L		08/13/25 17:01	08/14/25 17:12	1
Lead	ND		0.00050		mg/L		08/13/25 17:01	08/14/25 17:12	1

Lab Sample ID: LCS 350-8855/26-A
Matrix: Water
Analysis Batch: 8905

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 8855

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	1.00	0.911		mg/L		91	80 - 120
Lead	1.00	0.879		mg/L		88	80 - 120

Lab Chronicle

Client: Pioneer Technologies Corp
Project/Site: Superlon GWM 2025

Job ID: 580-153032-1

Client Sample ID: GW-MW2S-0825

Lab Sample ID: 580-153032-1

Date Collected: 08/07/25 10:35

Matrix: Water

Date Received: 08/07/25 17:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			8855	JR	EET SSM	08/13/25 17:01
Dissolved	Analysis	6020B		5	8905	CW	EET SSM	08/14/25 17:52

Client Sample ID: GW-MW2I-0825

Lab Sample ID: 580-153032-2

Date Collected: 08/07/25 10:30

Matrix: Water

Date Received: 08/07/25 17:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			8855	JR	EET SSM	08/13/25 17:01
Dissolved	Analysis	6020B		5	8905	CW	EET SSM	08/14/25 17:56

Client Sample ID: GW-MW4S-0825

Lab Sample ID: 580-153032-3

Date Collected: 08/07/25 09:20

Matrix: Water

Date Received: 08/07/25 17:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			8855	JR	EET SSM	08/13/25 17:01
Dissolved	Analysis	6020B		5	8905	CW	EET SSM	08/14/25 17:59

Client Sample ID: GW-MW4I-0825

Lab Sample ID: 580-153032-4

Date Collected: 08/07/25 09:10

Matrix: Water

Date Received: 08/07/25 17:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			8855	JR	EET SSM	08/13/25 17:01
Dissolved	Analysis	6020B		5	8905	CW	EET SSM	08/14/25 18:02

Client Sample ID: GW-MW9S-0825

Lab Sample ID: 580-153032-5

Date Collected: 08/07/25 15:10

Matrix: Water

Date Received: 08/07/25 17:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			8855	JR	EET SSM	08/13/25 17:01
Dissolved	Analysis	6020B		5	8905	CW	EET SSM	08/14/25 18:06

Client Sample ID: GW-MW9I-0825

Lab Sample ID: 580-153032-6

Date Collected: 08/07/25 15:05

Matrix: Water

Date Received: 08/07/25 17:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			8855	JR	EET SSM	08/13/25 17:01
Dissolved	Analysis	6020B		5	8905	CW	EET SSM	08/14/25 18:09

Lab Chronicle

Client: Pioneer Technologies Corp
Project/Site: Superlon GWM 2025

Job ID: 580-153032-1

Client Sample ID: GW-MW10S-0825

Lab Sample ID: 580-153032-7

Date Collected: 08/07/25 16:35

Matrix: Water

Date Received: 08/07/25 17:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			8855	JR	EET SSM	08/13/25 17:01
Dissolved	Analysis	6020B		5	8905	CW	EET SSM	08/14/25 18:13

Client Sample ID: GW-MW10I-0825

Lab Sample ID: 580-153032-8

Date Collected: 08/07/25 16:50

Matrix: Water

Date Received: 08/07/25 17:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			8855	JR	EET SSM	08/13/25 17:01
Dissolved	Analysis	6020B		5	8905	CW	EET SSM	08/14/25 18:16

Client Sample ID: GW-MW13S-0825

Lab Sample ID: 580-153032-9

Date Collected: 08/07/25 12:00

Matrix: Water

Date Received: 08/07/25 17:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			8855	JR	EET SSM	08/13/25 17:01
Dissolved	Analysis	6020B		5	8905	CW	EET SSM	08/14/25 18:19
Dissolved	Prep	3005A			8855	JR	EET SSM	08/13/25 17:01
Dissolved	Analysis	6020B		50	8905	CW	EET SSM	08/14/25 18:28

Client Sample ID: GW-MW13I-0825

Lab Sample ID: 580-153032-10

Date Collected: 08/07/25 12:10

Matrix: Water

Date Received: 08/07/25 17:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			8855	JR	EET SSM	08/13/25 17:01
Dissolved	Analysis	6020B		5	8905	CW	EET SSM	08/14/25 18:31

Client Sample ID: GW-MW13S-0825-(01)

Lab Sample ID: 580-153032-11

Date Collected: 08/07/25 12:00

Matrix: Water

Date Received: 08/07/25 17:11

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Prep	3005A			8855	JR	EET SSM	08/13/25 17:01
Dissolved	Analysis	6020B		5	8905	CW	EET SSM	08/14/25 18:35
Dissolved	Prep	3005A			8855	JR	EET SSM	08/13/25 17:01
Dissolved	Analysis	6020B		50	8905	CW	EET SSM	08/14/25 18:38

Laboratory References:

EET SSM = Eurofins Seattle Specialty Metals, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Pioneer Technologies Corp
Project/Site: Superlon GWM 2025

Job ID: 580-153032-1

Laboratory: Eurofins Seattle Specialty Metals

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	02-19-27
ANAB	Dept. of Defense ELAP	L2236	01-19-27
ANAB	Dept. of Energy	L2236.01	01-19-27
ANAB	ISO/IEC 17025	L2236	01-19-27
California	State	2954	07-08-26
Florida	NELAP	E87575	06-30-26
Louisiana (All)	NELAP	03073	07-01-26
Maine	State	WA01273	05-02-26
New Jersey	NELAP	WA014	06-30-26
New York	NELAP	11662	04-01-26
Oregon	NELAP	4167-008	07-08-26
US Fish & Wildlife	US Federal Programs	A20571	06-30-26
USDA	US Federal Programs	525-23-4-22573	01-24-28

Sample Summary

Client: Pioneer Technologies Corp
Job ID: 580-153032-1
Project/Site: Superlon GWM 2025

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
580-153032-1	GW-MW2S-0825	Water	08/07/25 10:35	08/07/25 17:11	Washington
580-153032-2	GW-MW2I-0825	Water	08/07/25 10:30	08/07/25 17:11	Washington
580-153032-3	GW-MW4S-0825	Water	08/07/25 09:20	08/07/25 17:11	Washington
580-153032-4	GW-MW4I-0825	Water	08/07/25 09:10	08/07/25 17:11	Washington
580-153032-5	GW-MW9S-0825	Water	08/07/25 15:10	08/07/25 17:11	Washington
580-153032-6	GW-MW9I-0825	Water	08/07/25 15:05	08/07/25 17:11	Washington
580-153032-7	GW-MW10S-0825	Water	08/07/25 16:35	08/07/25 17:11	Washington
580-153032-8	GW-MW10I-0825	Water	08/07/25 16:50	08/07/25 17:11	Washington
580-153032-9	GW-MW13S-0825	Water	08/07/25 12:00	08/07/25 17:11	Washington
580-153032-10	GW-MW13I-0825	Water	08/07/25 12:10	08/07/25 17:11	Washington
580-153032-11	GW-MW13S-0825-(01)	Water	08/07/25 12:00	08/07/25 17:11	Washington

5755 8th Street East
Tacoma, WA 98424

Chain of Custody Record

eurofins | Environment Testing

8/15/2025

Client Information	Sampler: MK / MT	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Nathan Starr	Phone: 253-363-3027	E-Mail:	State of Origin:	Page: Page 1 of 1
Company: PIONEER Tech.	PWSID:			Job #:
Address: 5205 corp dr ct	Due Date Requested:			
City: Lacey	TAT Requested (days): Standard			
State, Zip: WA 98503	Compliance Project: Δ Yes Δ No			
Phone: 360-570-1700	PO #: Purchase Order not required			
Email: StarrN@USPIONEER.com	WO #:			
Project Name: Superlon GWM 2025	Project #:			
Site: Superlon	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	As + Pb (dissolved) 6020	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
GW-MW2S-0825	8/7/25	1035	G	W			X		
GW-MW2I-0825		1030							
GW-MW4S-0825		920							
GW-MW4I-0825		910							
GW-MW9S-0825		1510							
GW-MW9I-0825		1505							
GW-MW10S-0825		1635							
GW-MW10I-0825		1650							
GW-MW-13S-0825		1200							
GW-MW-13I-0825		1210							
GW-MW-13S-0825-(01)		1200							

580-153032 Chain of Custody

580-153032 COC

Therm. ID: IR11 Cor: 2.2 ° Unc: 2.0 °
Cooler Dsc: SR
Packing: None
Cust. Seal: Yes No ✓
Blue Ice, Wet, Dry, None
FedEx:
UPS:
Lab Cour:
Other:

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Michael Kurkov	8/7/25 @ 1711	PIONEER		8/7/25 1711	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Eurofins Environmental Testing Northwest, LLC
5755 8th Street East
Tacoma, WA 98424

Chain of Custody Record

eurofins | Environment Testing

8/15/2025

Client Information	Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Nathan Starr	Phone:	E-Mail:	State of Origin:	Page: Page 1 of 1
Company: PIONEER Tech.	PWSID:	Analysis Requested		Job #:
Address: 5205 Corp Ctr Ct.	Due Date Requested:			
City: Lacey	TAT Requested (days):			
State, Zip: WA 98503	Compliance Project: Δ Yes Δ No			
Phone: 360-570-1700	PO #: Purchase Order not required			
Email: StarrN@USPIONEER.com	WO #:			
Project Name: [redacted] GWM 2025	Project #:			
Site: [redacted] POND	SSOW#:			

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	As + Pb (dissolved) 6020	Total Number of Containers	Special Instructions/Note:
			Preservation Code:						
GW-SW1-0825	8/7/25	1330	G	W			X		

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Michael Kurker	8/7/25 @ 1715			8/7/25 1715	ecm
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: Pioneer Technologies Corp

Job Number: 580-153032-1

Login Number: 153032

List Source: Eurofins Seattle

List Number: 1

Creator: Groves, Elizabeth

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Login Sample Receipt Checklist

Client: Pioneer Technologies Corp

Job Number: 580-153032-1

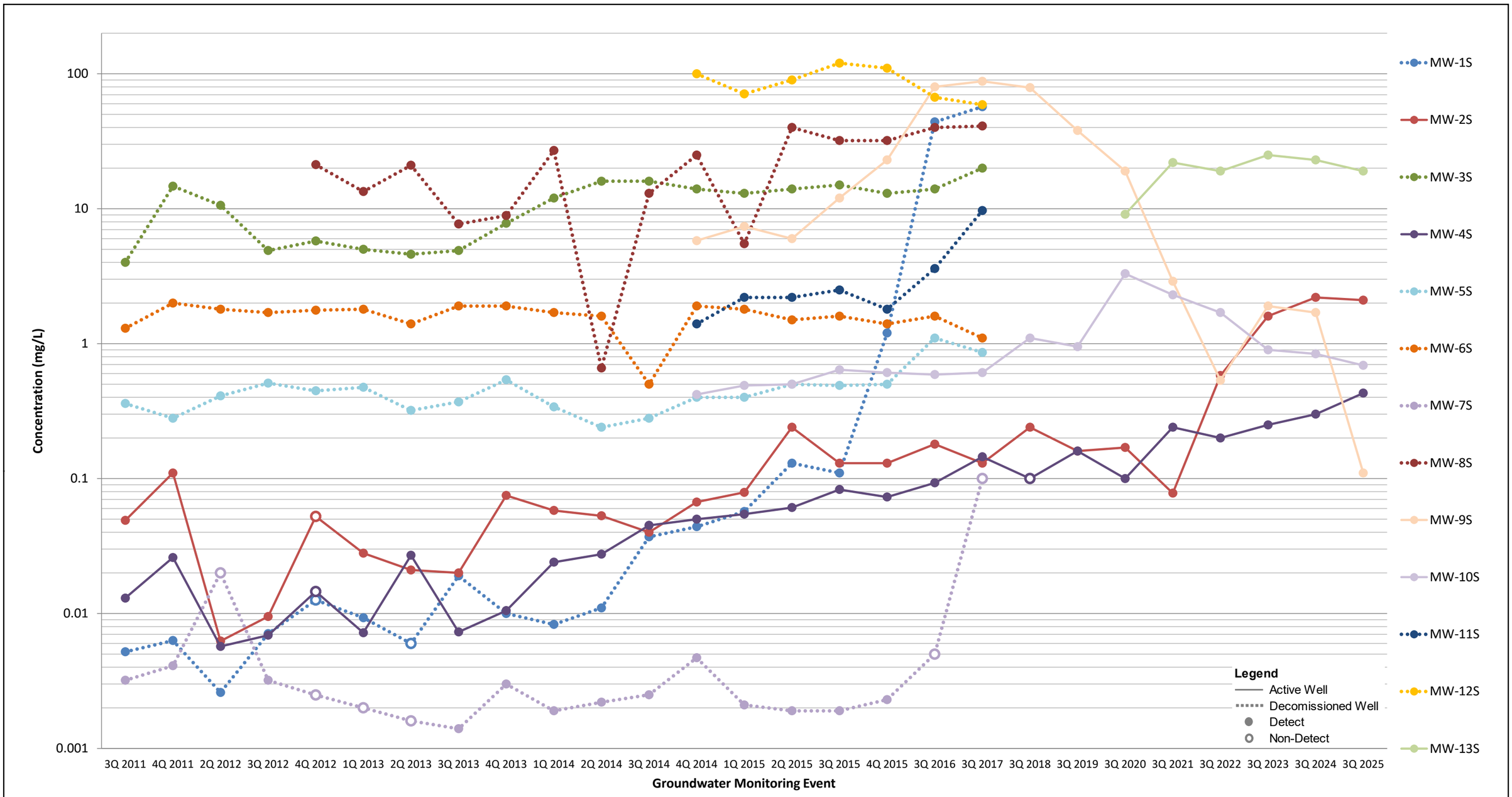
Login Number: 153032
List Number: 2
Creator: Miller, Darren R

List Source: Eurofins Seattle Specialty Metals
List Creation: 08/11/25 09:31 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

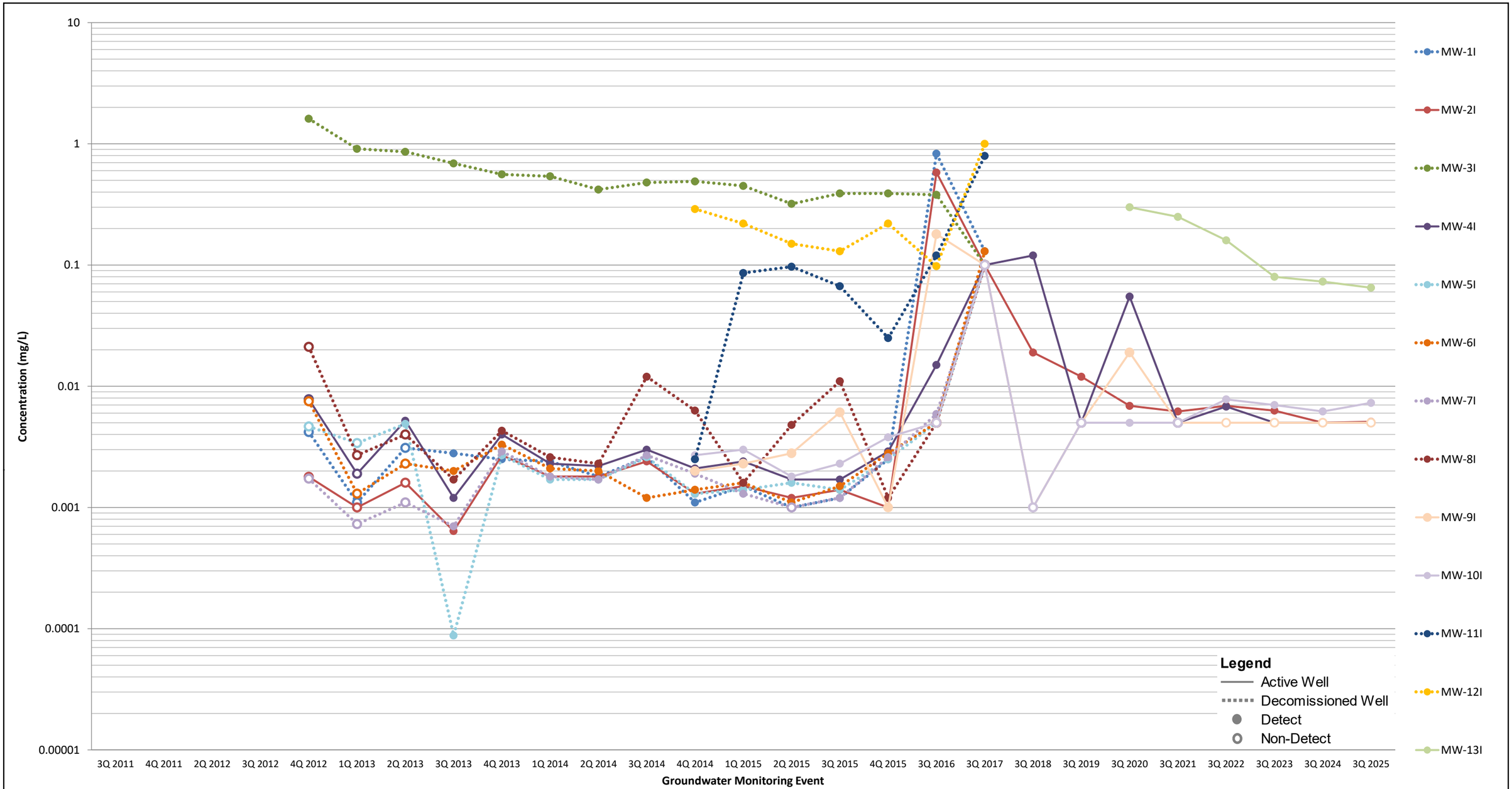
Appendix C



PIONEER TECHNOLOGIES CORPORATION

Dissolved Arsenic Trends in the Shallow Aquifer with Decommissioned Wells
2025 Groundwater Monitoring Report
Superlon Plastics Site, Tacoma, Washington

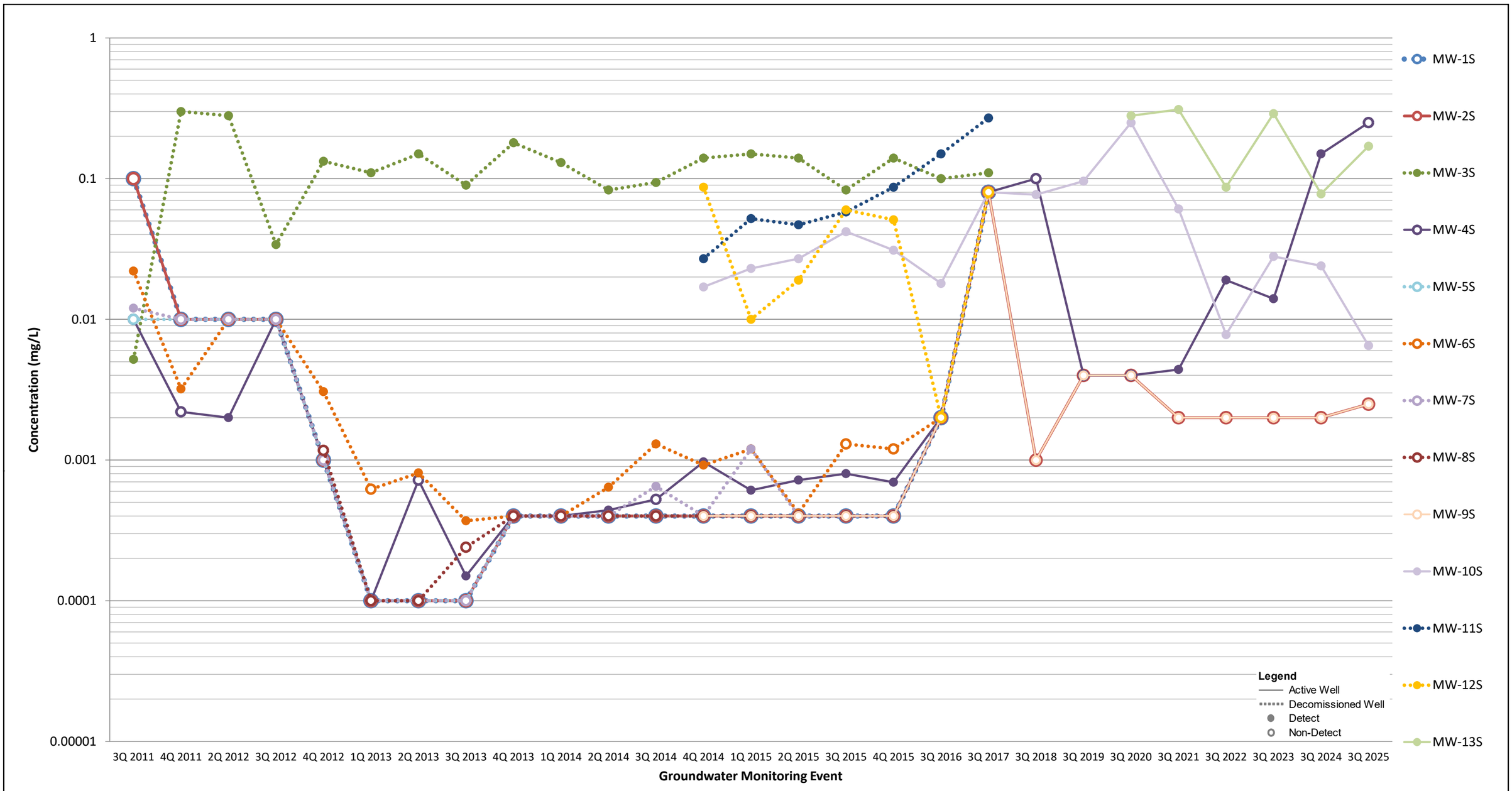
Figure C1



PIONEER TECHNOLOGIES CORPORATION

Dissolved Arsenic Trends in the Intermediate Aquifer with Decommissioned Wells
2025 Groundwater Monitoring Report
Superlon Plastics Site, Tacoma, Washington

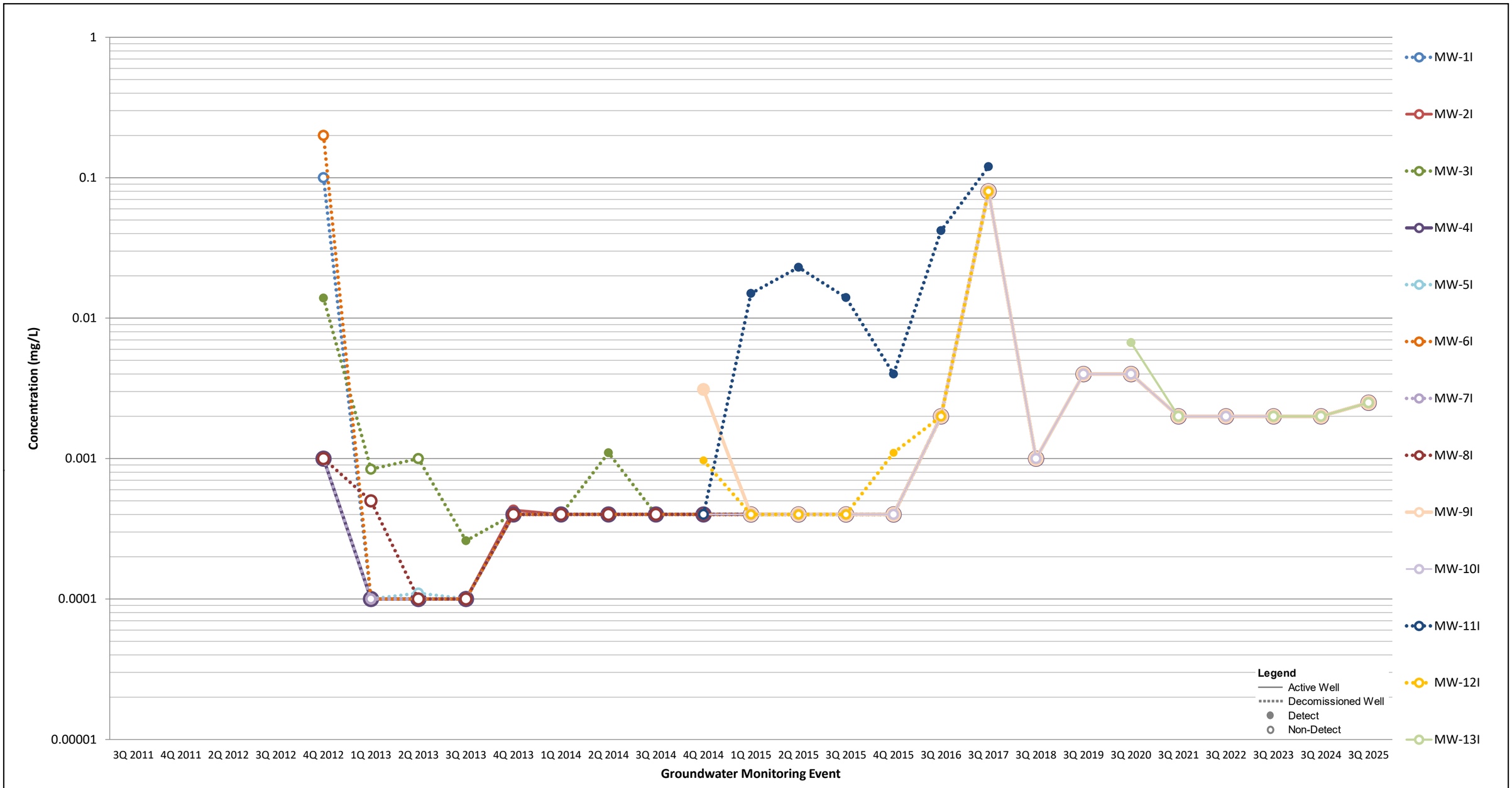
Figure C2



PIONEER TECHNOLOGIES CORPORATION

Dissolved Lead Trends in the Shallow Aquifer with Decommissioned Wells
2025 Groundwater Monitoring Report
Superlon Plastics Site, Tacoma, Washington

Figure C3



PIONEER TECHNOLOGIES CORPORATION

Dissolved Lead Trends in the Intermediate Aquifer with Decommissioned Wells
2025 Groundwater Monitoring Report
Superlon Plastics Site, Tacoma, Washington

Figure C4