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Acronyms and Abbreviations

Acronym/Abbreviation	Description
Chemours	The Chemours Company FC, LLC
COC	Constituent of Concern
Ecology	Washington State Department of Ecology
MTCA	Model Toxics Control Act
MW	Monitoring Well
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

Annual groundwater monitoring has been completed at the Superlon Plastics Property (Property) as part of the remedial investigation (RI) for the Property. The RI is a requirement of the Washington State Department of Ecology (Ecology)-approved Agree 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.

Groundwater monitoring was conducted quarterly from third quarter 2011 until fourth quarter 2015, when the sampling frequency was reduce to one event per year (Ecology 2015). The results of the 2015-2019 groundwater monitoring events were documented in the 2015, 2016, 2017, 2018, and 2019 Groundwater Monitoring Reports. Based on the results of the 2015, 2016, 2017, 2018, and 2019 groundwater monitoring events, constituent concentrations were generally consistent with historical concentrations (Pacific Environmental and Redevelopment Corporation [PERC] and PIONEER Technologies Corporation [PIONEER] 2015, 2016, 2017, 2018, 2019).

The 2020 groundwater monitoring sampling event was conducted on August 5th, 2020. The purpose of this report is to document the results of the 2020 groundwater monitoring event. Two new monitoring wells (MW-13S and MW-13I) were installed in November 2019 following the completion of soil remediation in the proximate area of the previously decommissioned MW-3S and MW-3I. These wells were installed for additional groundwater characterization following the completion of soil remediation in that area. Once soil and perched water remediation activities are completed, new monitoring wells will be installed and will be included in the annual groundwater monitoring program.

1.2 Property Location and Description

The Property is located at 2116 Taylor Way in Tacoma, Washington in a highly industrialized area of the Tacoma tidal flats between the Blair and Hylebos Waterways (see Figure 1). The Property is currently owned by White Birch and operated by Superlon Plastics Incorporated, an extruded plastic pipe manufacturer. The Property is boarded by Taylor Way to the north-northeast, Lincoln Avenue to the north-northwest, the former Holbrook Log Yard to the southwest, and Gardner-Fields to the southeast (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

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2. Summary of Groundwater Monitoring

2.1 Monitoring Well Locations and Installation Chronology

Twenty-six shallow and intermediate co-located monitoring wells (MWs) have been installed at 13 locations on and off of the Property. Sixteen of the MWs were installed between 2011 and 2012 and eight additional wells were installed in 2014. As of August 30, 2017, 16 shallow and intermediate co-located MWs were decommissioned and only 8 wells remained in-place (see Figure 3). In 2019, for groundwater characterization purposes, two additional monitoring wells were installed and included as part of the groundwater monitoring event. 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 2020).
- 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 (MW9I MW12I) were installed during Phase IV RI activities in 2014, in accordance with the Phase IV RI Work Plan (PERC 2014).
- Sixteen wells were decommissioned in 2017 and included 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-12S¹ (see Figure 3 and Appendix C).
- One shallow aquifer MW (MW-13S) and one intermediate aquifer MW (MW-13I) were installed in November 2019 for characterizing current groundwater conditions.²

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 2019). All samples were sent to a Washington State-certified laboratory in accordance with the SAP/QAPP (PERC 2019). 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 State Environmental Protection Agency [USEPA] 2002);

¹ The well decommissioning report in Appendix C presents the detail of the sixteen decommissioned wells. MW-2S and MW-2I were mistakenly identified as decommissioned. MW-1S and MW-1I were decommissioned and MW-2S and MW-2I are still in-place.

² 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.

- USEPA Contract Laboratory Program, National Functional Guidelines for Superfund Organic Methods Data Review. Final. OSWER 9240.1-45. USEPA/540/R-08/01 (USEPA 2016a);
- USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Superfund Data Review. Final. OSWER 8240.1-51. EPA 540-R-10-011 (USEPA 2016b); and
- Method-specific and laboratory-established QA requirements, as applicable.

QA/QC data validation procedures were performed in accordance with the SAP/QAPP (PERC 2019). The data validation reports are presented with laboratory reports in Appendix B. It should be noted that dissolved arsenic results in MW-9I were qualified as estimates because one dissolved arsenic sample was reported as detected and the corresponding field duplicate was reported as undetected (see Appendix B). No results required restatement and no results were rejected.

2.4 Constituent Analyses

The 2020 groundwater samples were analyzed for dissolved arsenic and dissolved lead only (Ecology 2015). The number 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 below screening levels (PERC 2015; PERC and PIONEER 2013, 2015).³

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

3. Groundwater Monitoring Results

Shallow and intermediate groundwater samples were collected from ten MWs and analyzed for dissolved arsenic and dissolved lead. The laboratory reports and associated QA/QC data validation reports for the 2020 monitoring event are presented in Appendix B. Data quality review indicated the data were of good quality and required no additional qualification.

Constituent concentrations are presented by well and groundwater monitoring event for dissolved arsenic and dissolved lead in Table 1 and 2, respectively. Concentration trends for dissolved arsenic and dissolved lead are presented on Figures 4 and 5, respectively. Historical groundwater monitoring data are included on tables and figures for content.

3.1 Arsenic

The 2020 dissolved arsenic concentrations were consistent with historic dissolved arsenic concentrations (see Table 1 and Figure 4). The arsenic concentration in MW-10S remained elevated, compared to the historic concentrations, similarly to the arsenic concentrations reported in 2018 and 2019. The arsenic concentration at MW-9S was 19 mg/L which decreased from the 2019 concentration of 38 mg/L and the 2018 concentration of 79 mg/L. Dissolved arsenic was not detected in MW-10I.

The arsenic concentration in MW-13S was 9.1 mg/L which is consistent with the historic concentrations ranging from 4.0 mg/L to 20 mg/L reported in MW-3S (decommissioned in 2017). The arsenic concentration in MW-13I was 0.30 mg/L which is consistent with the historic concentrations ranging from 0.10 mg/L to 1.6 mg/L reported in MW-3I (decommissioned in 2017).

3.2 Lead

The 2020 dissolved lead concentrations were consistent with historic dissolved lead concentrations (see Table 2 and Figure 5). Dissolved lead was not detected in seven of the ten MWs. The lead concentration in MW-10S was 0.25 mg/L, which is slightly elevated compared to historic concentrations, at about 60% higher than the 2019 reported concentration.

The lead concentration in MW-13S was 0.28 mg/L which is consistent with the historic concentrations ranging from 0.0052 mg/L to 0.30 mg/L reported in MW-3S (decommissioned in 2017). The lead concentration in MW-13I was 0.0067 mg/L which is consistent with the historic concentrations ranging from 0.00026 mg/L to 0.080 mg/L reported in MW-3I (decommissioned in 2017).

4. Conclusions

The 2020 dissolved arsenic and dissolved lead concentrations were consistent with historical concentrations at the Property.

Following the 2017 groundwater monitoring event, many of the on-Property groundwater monitoring wells were decommissioned for ongoing soil and perched water remediation activities. As part of the soil and perched water remediation activities, MW-3S and MW-3I were decommissioned, however, in November 2019, these wells were re-installed (identified as MW-13S and MW-13I, respectively). The arsenic and lead concentrations in MW-13S and MW-13I were consistent with historic concentrations reported in MW-3S and MW-3I.

All monitoring wells will continue to be sampled annually. Once soil and perched water remediation action activities are completed, new monitoring wells will be installed and be included in the annual groundwater monitoring program.

5. References

- Ecology. 2015. Electronic mail from Marv Coleman to Jeff King with the subject "Reduction in groundwater monitoring." November 12.
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- PERC. 2012. Phase III Remedial Investigation Work Plan, for the Superlon Plastics Site, Tacoma, Washington. July.
- PERC. 2014. Work Plan: Remedial Investigation for Groundwater Phase IV. February 20.
- PERC. 2015. Letter from Jeff King (PERC) to Marv Coleman (Ecology) regarding Proposed Revisions to the Current Groundwater Monitoring Program at the Superlon Plastics Property. September 14.
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Tables

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

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Well Location	3Q 2011 ♂					1 1			당 4Q 2013 공			3Q 2014 P										
MW-1S	0.0052 J	0.0063 J	0.0026 J	0.0071 J	0.013 UB	1 1	0.0060 UE		0.010	0.0083	0.011	0.037	0.044	0.057	0.13	0.11	1.2	44	57	NS	NS	NS
MW-2S	0.049	0.11	0.0063 J	0.0095 J	0.052 UB		0.021 B	0.020	0.075	0.058	0.053	0.040	0.067	0.079	0.24	0.13	0.13	0.18	0.13	0.24	0.16	0.17
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	15	13	14	20	NS	NS	NS
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	0.083	0.073	0.093	0.15	0.10 U	0.16	0.10
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	0.49	0.50	1.1	0.86	NS	NS	NS
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	1.6	1.4	1.6	1.1	NS	NS	NS
MW-7S	0.0032 J	0.0041 J	0.020 U	0.0032 J	0.0025 UB	0.0020 UB	0.0016 UE	0.0014	0.0030	0.0019	0.0022	0.0025	0.0047	0.0021	0.0019	0.0019	0.0023	0.0050 U	0.10 U	NS	NS	NS
MW-8S	NS	NS	NS	NS	21 B	13 B	21 B	7.7	8.9	27	0.66	13	25	5.5	40	32	32	40	41	NS	NS	NS
MW-9S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	5.8	7.4	6.0	12	23	80	88	79	38	19
MW-10S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.42	0.49	0.50	0.64	0.61	0.59	0.61	1.1	0.95	3.3
MW-11S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	1.4	2.2	2.2	2.5	1.8	3.6	9.7	NS	NS	NS
MW-12S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	100.0	71.0	90.0	120.0	110.0	67.0	59.0	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	9.1
MW-1I	NS	NS	NS	NS	0.0042 UB	0.0011 UB	0.0031 UE	0.0028	0.0025	0.0024	0.0018	0.0026	0.0011	0.0015	0.0010	0.0012	0.0025	0.83	0.13	NS	NS	NS
MW-2I	NS	NS	NS	NS	0.0018 UB	0.0010 UB	0.0016 UE	0.00064	0.0027	0.0018	0.0018	0.0024	0.0013	0.0015	0.0012	0.0014	0.0010	0.58	0.10 U	0.019	0.012	0.0069
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	0.39	0.39	0.38	0.10 U	NS	NS	NS
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	0.0017	0.0029	0.015	0.10 U	0.12	0.005 U	0.055
MW-5I	NS	NS	NS	NS	0.0047 UB	0.0034 UB	0.0049 B	0.00009	0.0027	0.0017	0.0017	0.0026	0.0013	0.0014	0.0016	0.0014	0.0025	0.0050 U	0.10 U	NS	NS	NS
MW-6I	NS	NS	NS	NS	0.0075 UB	0.0013 UB	0.0023 UE	0.0020	0.0033	0.0021	0.0020	0.0012	0.0014	0.0016	0.0011	0.0015	0.0028	0.0050 U	0.13	NS	NS	NS
MW-7I	NS	NS	NS	NS	0.0017 UB	0.00073 UB	0.0011 UE	0.00070	0.0029	0.0018	0.0017	0.0027	0.0019	0.0013	0.0010 U	0.0012	0.0026	0.0059	0.10 U	NS	NS	NS
MW-8I	NS	NS	NS	NS	0.021 UB	0.0027 UB	0.0040 UE	0.0017	0.0043	0.0026	0.0023	0.012	0.0063	0.0016	0.0048	0.011	0.0012	0.0050 U	0.10 U	NS	NS	NS
MW-9I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0020	0.0023	0.0028	0.0061	0.0010	0.18	0.10 U	0.0010 U	0.005 U	0.019
MW-10I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0027	0.0030	0.0018	0.0023	0.0038	0.0050 U	0.10 U	0.0010 U	0.005 U	0.0050 U
MW-11I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.0025	0.086	0.097	0.067	0.025	0.12	0.80	NS	NS	NS
MW-12I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	0.2900	0.220	0.150	0.130	0.220	0.10	1.00	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	0.30

Notes:

Results shown are in mg/L.

Detection limit changed in 3Q17 event due to the analytical laboratory changing the analytical method for testing.

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

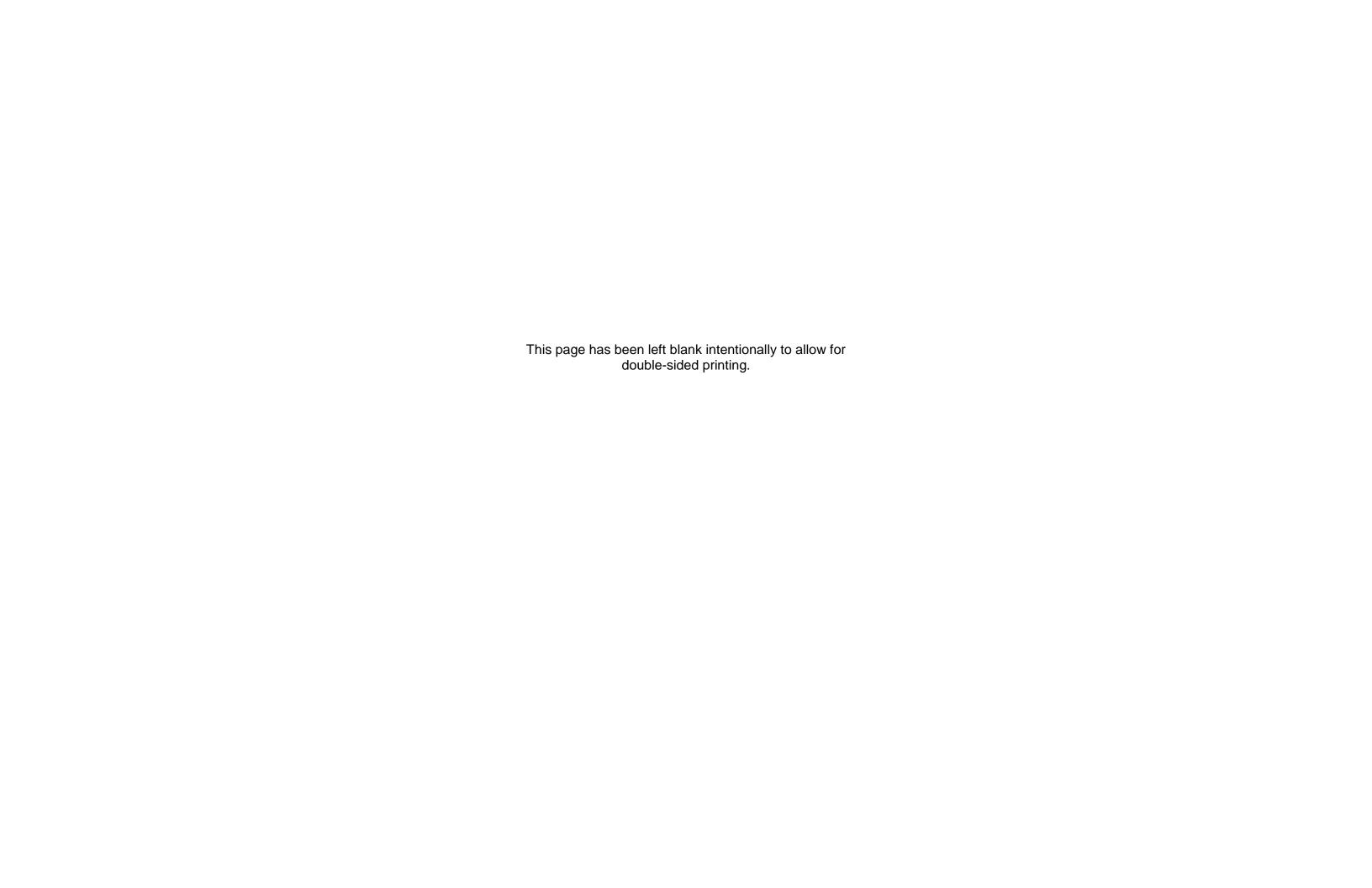




Table 2: Dissolved Lead Concentrations by Well and Groundwater Monitoring Event

	1	1	1	1	1	-	1	T 1	1		1	1					1		T T			1	1	1	1 1
	_	_	_	_	_	_	_	_	_	_	_		_		_		_	_		_ .	_	_	_	_	
Well Location	3Q 2011 8	4Q 2011	2Q 2012	3Q 2012	4Q 2012	1Q 2013	2Q 2013 8	3Q 2013	4Q 2013	1Q 2014 g	2Q 2014 8	3Q 2014	p 4	IQ 2014	ğ 1Q	2015	g 2Q 20)15 g	3Q 2015	9 4Q 2015	3Q 2016 B	3Q 2017	3Q 2018	3Q 2019 8	3Q 2020 8
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 L	J 0.0	00040 U	0.000	040 U	0.00040 L	0.00040 U	0.0020 U	0.080 U	NS	NS	NS
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	J 0.0	00040 U	0.000	040 U	0.00040	0.00040 U	0.0020 U	0.080 U	0.0010 U	0.004 U	0.004 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	C).14	0.083	0.14	0.10	0.11	NS	NS	NS
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	0.0	00061	0.000	072	0.00080	0.00070	0.0020 U	0.080 U	0.10 U	0.004 U	0.004 U
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	J 0.0	00040 U	0.000	040 U	0.00040	0.00040 U	0.0020 U	0.080 U	NS	NS	NS
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	0.0012	0.00	042	0.0013	0.0012	0.0020 U	0.080 U	NS	NS	NS
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	J 0	0.0012	0.000	040 U	0.00040	0.00040 U	0.0020 U	0.080 U	NS	NS	NS
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	J 0.0	00040 U	0.00	040 U	0.00040	0.00040 U	0.0020 U	0.080 U	NS	NS	NS
MW-9S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	(0.00040	U 0.0	00040 U	0.00	040 U	0.00040	0.00040 U	0.0020 U	0.080 U	0.0010 U	0.004 U	0.004 U
MW-10S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		0.017		0.023	0.	027	0.042	0.031	0.018	0.080 U	0.077	0.096	0.25
MW-11S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		0.027		0.052	0.	047	0.058	0.087	0.15	0.27	NS	NS	NS
MW-12S	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		0.087		0.010	0.	019	0.060	0.051	0.00 U	0.08 U	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	0.28
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	J 0.0	00040 U	0.00	040 U	0.00040	0.00040 U	0.0020 U	0.080 U	NS	NS	NS
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	J 0.0	00040 U	0.00	040 U	0.00040	0.00040 U	0.0020 U	0.080 U	0.0010 U	0.004 U	0.004 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 0.0	00040 U	0.00	040 U	0.00040	0.00040 U	0.0020 U	0.080 U	NS	NS	NS
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	J 0.0	00040 U	0.00	040 U	0.00040	0.00040 U	0.0020 U	0.080 U	0.0010 U	0.004 U	0.004 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 L	J 0.0	00040 U	0.00	040 U	0.00040 L	0.00040 U	0.0020 U	0.080 U	NS	NS	NS
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 L	J 0.0	00040 U	0.00	040 U	0.00040 L	0.00040 U	0.0020 U	0.080 U	NS	NS	NS
MW-7I	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 L	J 0.0	00040 U	0.00	040 U	0.00040 L	0.00040 U	0.0020 U	0.080 U	NS	NS	NS
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 L	J 0.0	00040 U	0.00	040 U	0.00040 L	0.00040 U	0.0020 U	0.080 U	NS	NS	NS
MW-9I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		0.0031	0.0	00040 U	0.00	040 U	0.00040 L	0.00040 U	0.0020 U	0.080 U	0.0010 U	0.004 U	0.004 U
MW-10I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	(0.00040 l	U 0.0	.00040 U	0.00	040 U	0.00040 U	0.00040 U	0.0020 U	0.080 U	0.0010 U	0.004 U	0.004 U
MW-11I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	(0.00040 l	U	0.015	0.	023	0.014	0.0040	0.042	0.12	NS	NS	NS
MW-12I	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	(0.00097		0.000 U	0.0	000 U	0.000 L	0.0011	0.002 U	0.08 U	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	0.0067
Notos																									

Notes:

Results shown are in mg/L.

Detection limit changed in 3Q17 event due to the analytical laboratory changing the analytical method for testing.

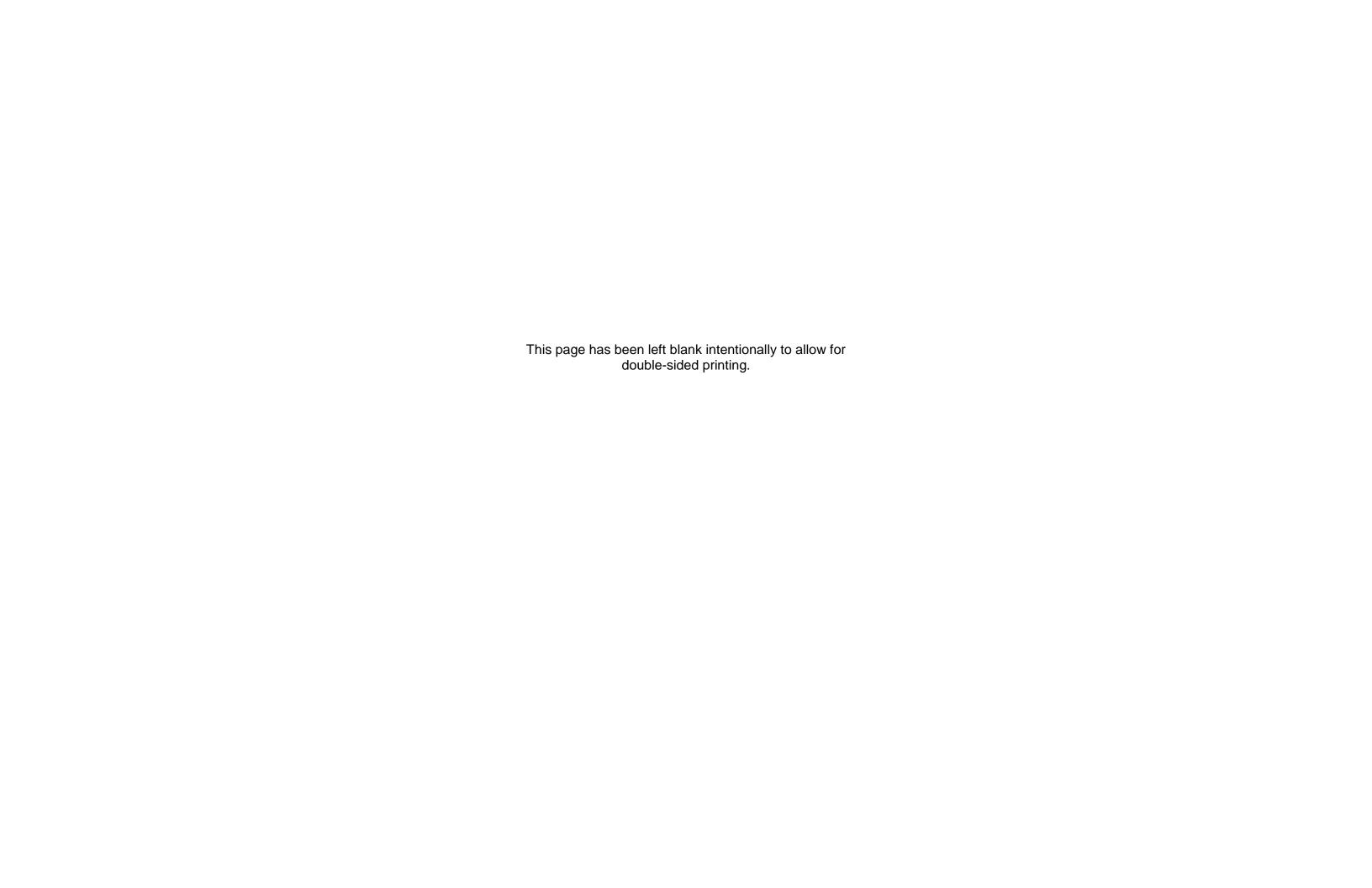
NS: Not sampled

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



Figures

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Property Features 2020 Groundwater Monitoring Report Superlon Plastics Property, Tacoma, Washington

Figure 2

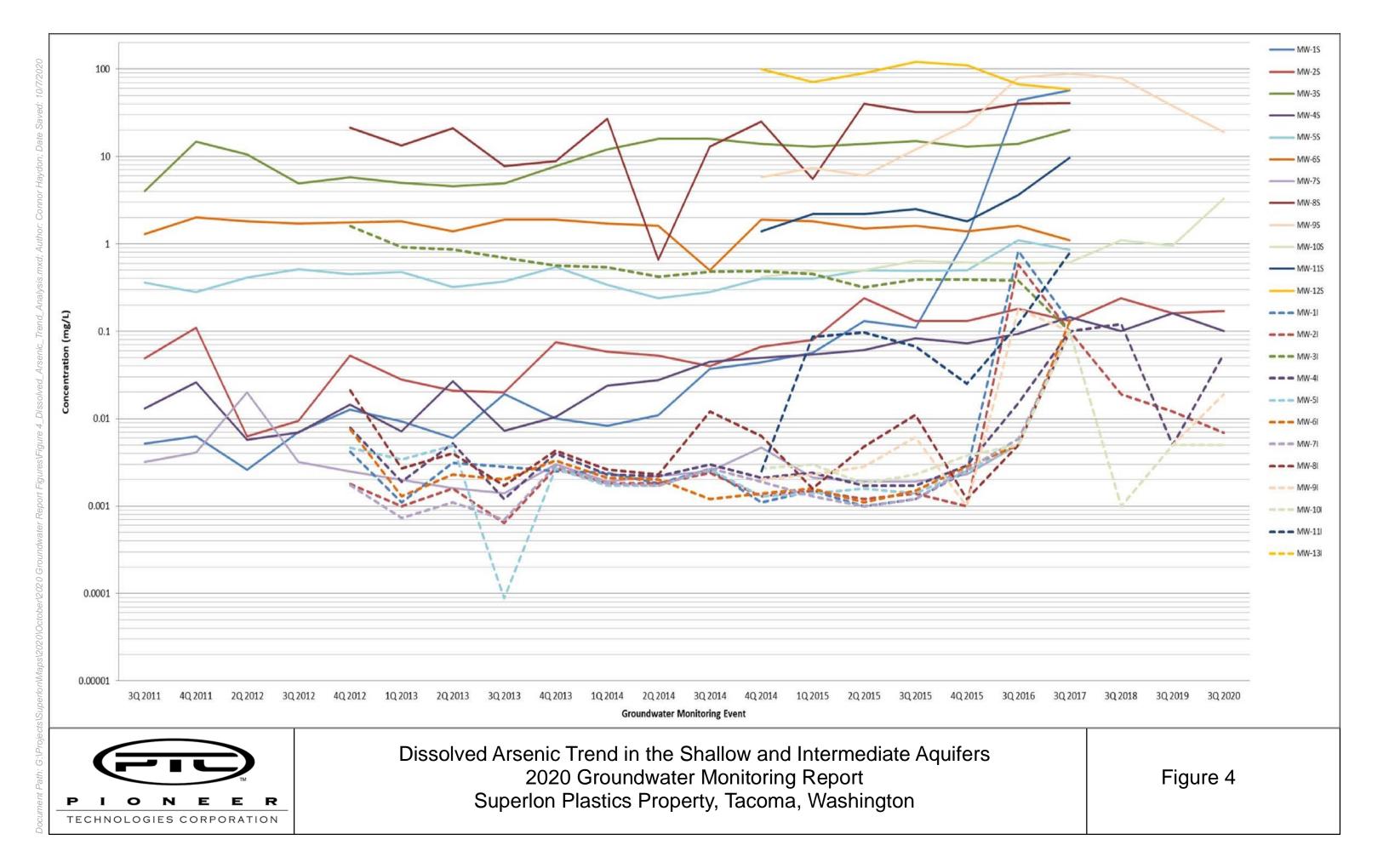
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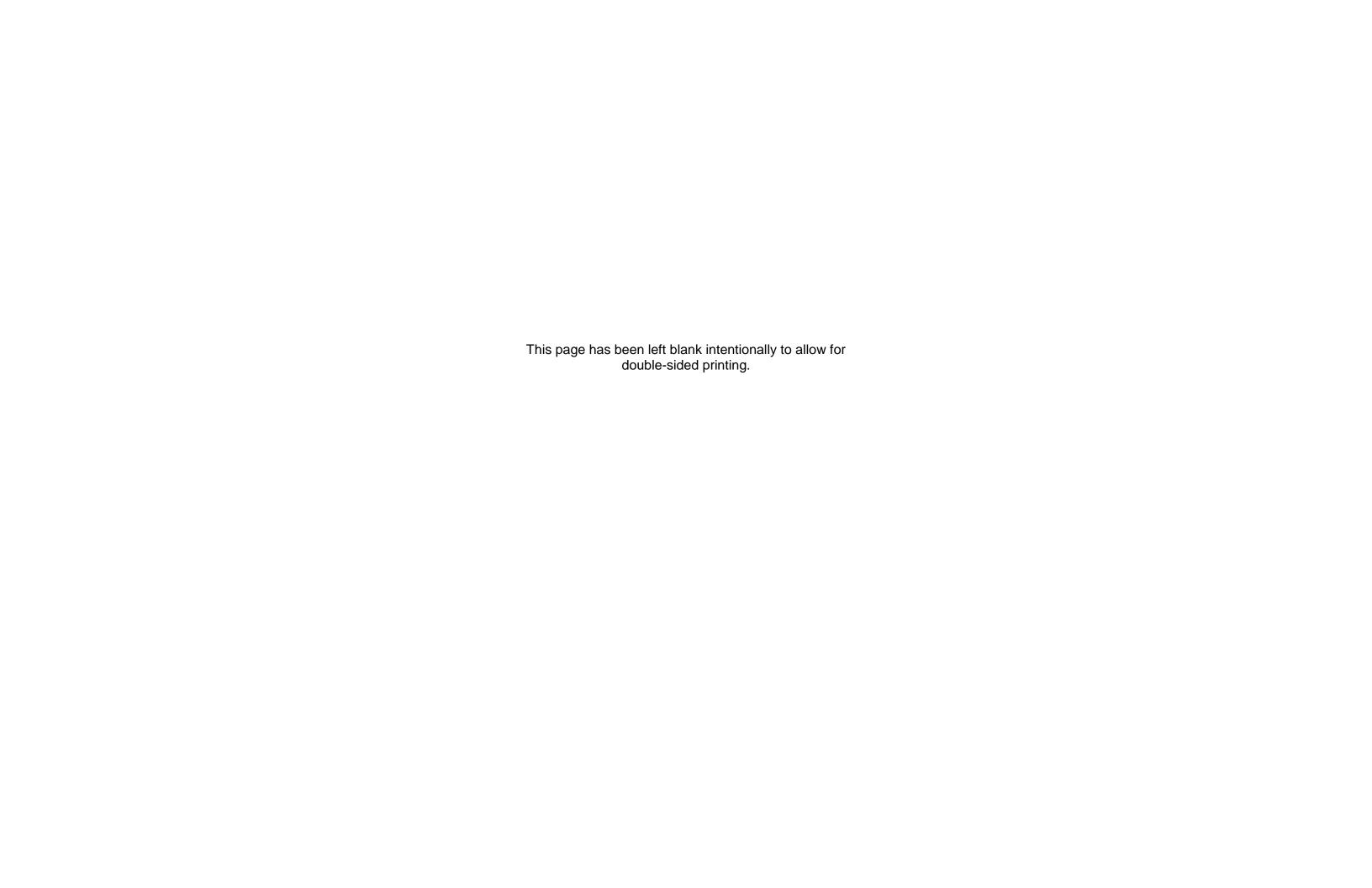


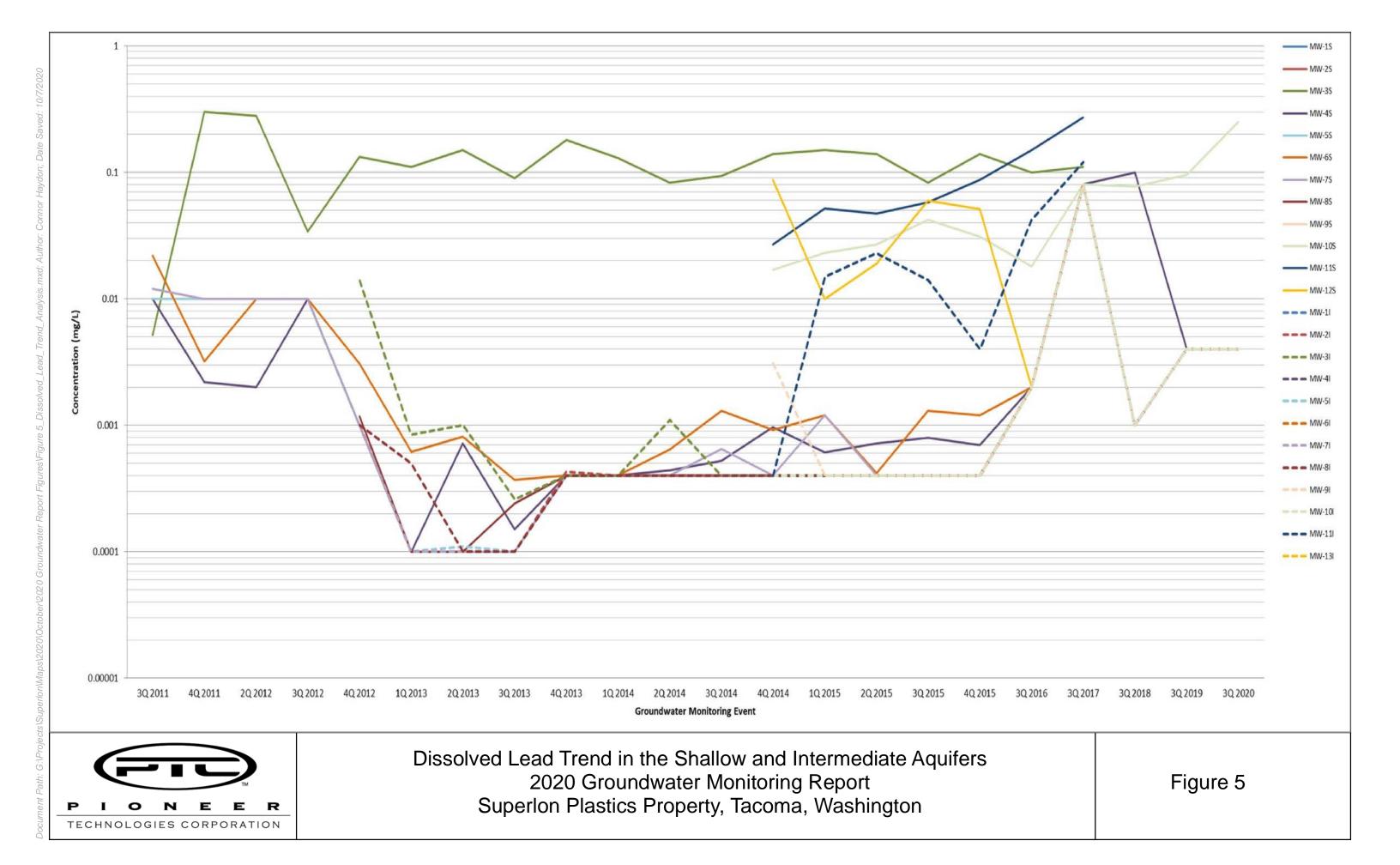
Monitoring Well Locations 2020 Groundwater Monitoring Report Superlon Plastics Site, Tacoma, Washington

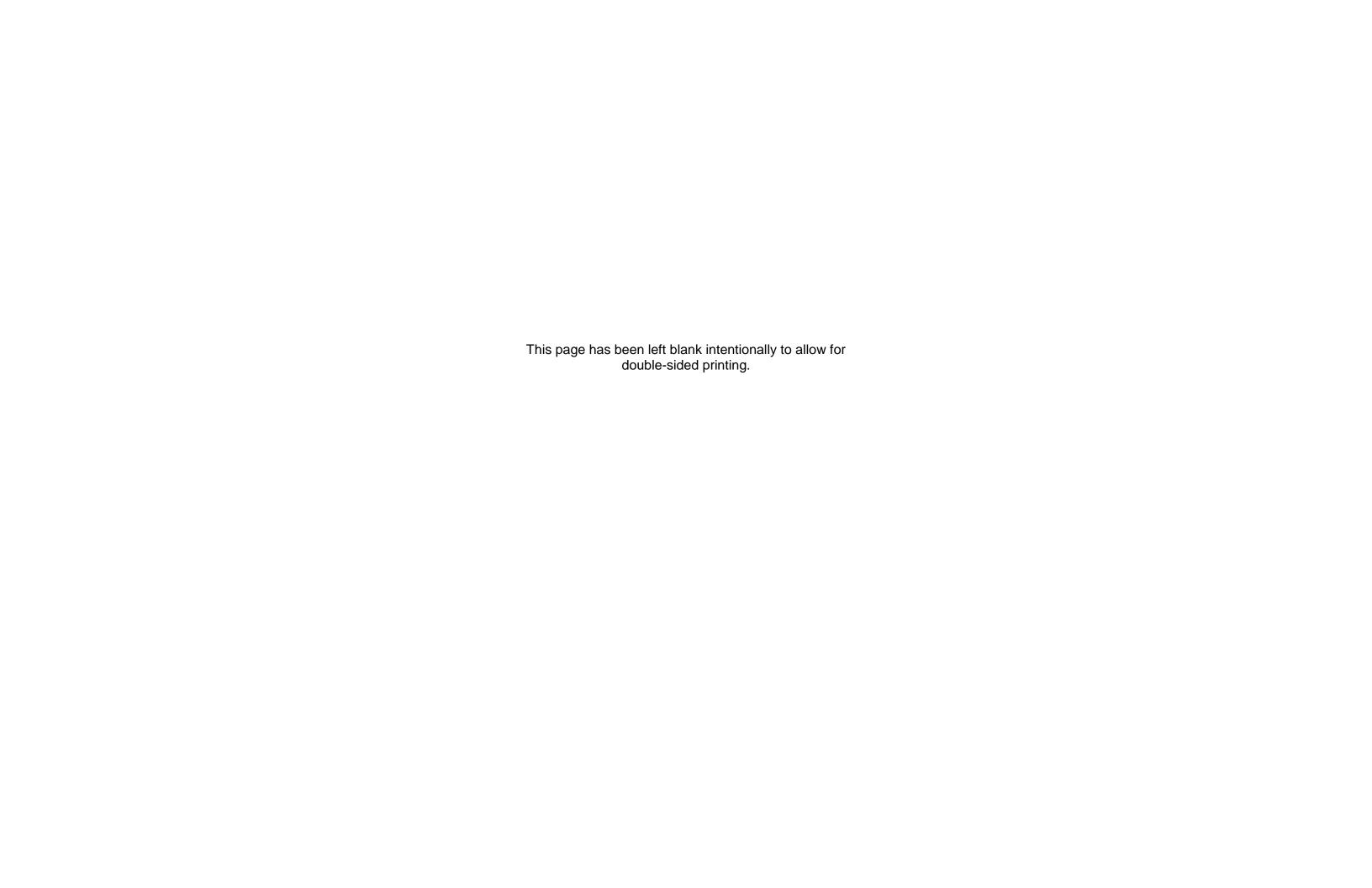
Figure 3

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Appendix A

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Turb ± 10%

SWL < 0.33 ft

Stabilization

DO ± 0.3 mg/L ORP ± 10 mV Disposal / Storage Comments **PURGE WATER** (gal) * 70 5.7 4 20 ē . pH ± 0.1 SC, Temp ± 3% General Comments - 6W-080520 SAMPLE COLLECTION - GW-080520 Field Kit Results / CLON-MW135-0-01 5080 - M5 180/80 SLON-MW4I 015080 - MS SLON- MW 25-SLOW-MUAL 10:10 GW-090520 SLON-MW9I DATE: Time C:43 :43 13:56 13.9 -40 (NE) 13.8 -489 54.3 0.34 14.0 -530 16.6 -197.1 ORP 15.1 -57.9 15.0 74.5 18.4 -187 11.66 1.677 4,003 0.29 15.6-1455 4.98-70.13 1.48 14.2 -35.0 15.4 -17.3 monne 15.4 -169. 154 H76.3 14.6 -81.7 0.784 36 9 0.44 13.8 Temp 14.9 14.8 14.5 ပွ 0 annumber sites as a 85.0 7.1 11.65 1.594 3.051 23.11 1869 12.60 0.49 (mg/L) 81:0 14:15 7.53 1.679 14.50 0.41 15.30 0.30 D.O. 1.606 333.18 0.25 11.66 1.607 356.45 0.23 1.891 13.16 0.34 8.09 6.499 14.89 0.25 12.36 0.25 6462 15.50 '0.49 Kegans/Hannah 8.10 6.513 13.89 0.14 (NTU) Turb 6.36 6.787 34 6.740 6.40 0.779 Stabilization 4.06 6.53 0.776 1.900 Cond. (mS/cm) 843 0.778 106. 1.9 Spec. PURGING 7.46 11.65 7.49 7.77 7.45 8.09 7.46 Ha 30.6 5.89 11.23 4.05 40.7 4.00 a.06 5.98 1.05 11.77 5.00 5.10 11.11 SWL 5.11 2. Meysa £ 001~ 51:8 00175640 (L/min) Rate Flow 11:15 100 ~ 100 2100 7.56 10:04 Time (min) \$:31 \$:34 (37 17:47 Elaps. Lo: 01 01:01 11:28 1:3 13.77 11:50 12:53 11:31 FIELD TECHNICIAN(S): Depth Intake 7.10 Œ Pump Per. Type É \$ Peri NAPL NAPL Water Thick. ١ (£) l 1 4.00 5.88 Depth Depth 9 £ 5.10 17: WI O 2 £ 1 08: 7S Time 11:15 5:2 04:55 good condition **Current Condition** cap, casing, lock) (e.g., seal, cover, Candi Fion Condition in stall ed - no lock SITE NAME: SUPPY 10 P . SCM 50 r 10.00-WELL INFO Total Screen Depth Interval # 24.65 SOS Œ MM-Well 75 鑫 ME BLK 524 MN. 138 Ω AM T' 뭏 BH 5 392 the yol

1/1

PIONEER TECHNOLOGIES CORPORATION (PIONEER) GROUNDWATER MONITORING FORM

Turb ± 10%

SWL < 0.33 ft

Stabilization

DO ± 0.3 mg/L ORP ± 10 mV Comments Disposal / Storage PURGE WATER <u>o</u> (gal) 02/50/80 pH ± 0.1 SC, Temp ± 3% General Comments SAMPLE COLLECTION Field Kit Results / Ston-MINIOI -075030 - MB 62:H HTU-0:81 80:0 25:U 508.5 7:13-H:81 11:0 75:U 7:8:5 7:13-H:81 11:0 75:U 7:8:5 1:00.- WM 10:0:0 DATE: Time (mV) Temp ORP merisa Kegans / Huhnah B. ္မွ (mS/cm) (NTU) (mg/L) 0.0 Turb Stabilization Cond. Spec. PURGING 9.89 J.15 둅 9.91 **£** (min) (L/min) Rate Per, 11.89 14:20 Flow Elaps. 14:29 Depth Time FIELD TECHNICIAN(S): ntake £ Pump Type NAPL Water Thick. NAPL £ 1 9.80 Depth Depth 9 Œ WITO 2 £ Time £:3 Condition **Current Condition** (e.g., seal, cover, cap, casing, lock) - No lock SITE NAME: SUDON 10M WELL INFO Total Screen Depth Interval £ £ AW-I of Well ₽ BID 702

1/2

PIONEER TECHNOLOGIES CORPORATION (PIONEER) GROUNDWATER MONITORING FORM

SITE NAME: SUPPLIOR

FIELD TECHNICIAN(S): HANNAH DYILLEM

DATE:

DO ± 0.3 mg/L ORP ± 10 mV Turb ± 10%

SWL < 0,33 ft pH ± 0,1 SC, Temp ± 3%

Stabilization

	PURGE WATER		Disposal / Storage Comments						
	PUR		Vol (gal)	7	" s		2.5		8 , 2
	SAMPLE COLLECTION	Field Kit Results / General Comments C16a V J no od o V S10 N - MW 2I GW - 0805202		OLEAK; NO ODO SLON-MWISE GW-0805202		Clear, no odor in Ston-Mw45 GW-0805202		Purged Over Zomin Brown Water SLON-MWGS	
	SAN		Time	651	9hlo	- m	8 B B B B B B B B B B B B B B B B B B B	0	น์ ล่งเรื่อง
			ORP	101. 101. 1156 1156 1399 1398	137.4 1409 1409 1001 1001 1909	101-	-112, -113, -116.7 -118.	171-	821- 181- 182- 183-
ı			Temp (°C)	0 H 9 H 9 H 19 H 19 H 19 H 19 H 19 H 19	14.3 14.3 14.8 15.2 19.4	15.3	1.61 1.61 1.61 1.41 1.71		1.71 0.71 0.71 0.71
ı			D.O. (mg/L)	PC-0 0-19 0-19 0-19 0-19 0-19	1.09 1.09 1.0.0 1.0.0 1.0.0	91.0	0.50 0.09 0.03 0.03	20.02	0.08 0.09 0.04 0.04
	The same		Turb (NTU)		145.60 124.30 101.36 99.82 99.82	1.6	9.12 0.19 12.83 0.09 11.82 0.06 9.96 0.03 9.72 0.02	4.10	
		Stabilization	Spec. Cond.	163 6.42 163 6.51 168 6.51 177 1.35 17.71 17.71	2.567 145.66 1.09 3.648 124.30 0.52 3.651 104.31 0.25 3.890 101.36 0.52 4.87 94.31 0.71	51.590.850.85 51.59 87.61 0.14	3.223 9.94 3.229 8.12 3.237 12.83 3.230 11.82 3.226 9.96	3.230	9.00 \$1.00 \$0.40 9.890 17.17 0.18 9.00 18.70 19.00 9.01 18.70 18.00 9.01 18.70 18.00 9.01 18.70 18.00
	SING	Stabil	S H	CLACEO	7.55 2.567 H5.60 7.51 3.669 104.30 7.51 3.669 104.31 7.51 3.890 101.38 7.53 4.292 99.87 7.51 4.896 96.47	1.53 5	7.03 3.223 9.94 6.99 3.221 12.83 6.99 3.231 12.83 6.99 3.230 18.82 1.01 3.229 9.95		
	PURGING						Married Street Street Street Street Street	19 7.00	
		ı	SWL (ft)	000000	6.23	6.23	4.4.50	h:4	10.57 10.58 10.58 10.60
			Rate (Umin)						
			Elaps. Time (min)	を上ればらば	2 8 8 8 E	44	11.28 11.28 11.34 11.37 11.37	TH3	12.45 12.58 12.45 13.58 13.01 13.01
	-		Intake Depth (ft)		K. 8	9 9 9		12.16	
			Pump	pen	peri 8.4	100	per' 6.48		peri
			NAPL Thick	1	1		1		1
	W	Depth	NAPL Water	q.4T	6.21		4:48		10.49
	WTO	Depth Depth	_	\	1		_		
			Time	P:L	006		1108		1221
	NFO		Current Condition (e.g., seal, cover, cap, casing, lock)	Nolock on Capi Good Cond.	Good Cond.		Water level sensorj Boltson Cap wrong		vegetation covering the well; pressure in well; holock
1	WELL INFO		Screen Interval	78	19 3200			1 38	m
			Total Screen Depth Interval (ft) (ft)	\$1.7 P	d-20		22.79		31.18
			Well	17	12.PH IEI		54		95 31.73
L					700000	ALL THE			

PIONEER TECHNOLOGIES CORPORATION (PIONEER) GROUNDWATER MONITORING FORM

SITE NAME: SUDE FIGH

DO ± 03 mg/L ORP ± 10 mV Turb ± 10%

SC. Temp ± 3% SWL < 0.33 R Stabilization

DATE:

FIELD TECHNICIAN(S): HANNAH Briley

Comments PURGE WATER Disposal/ Storage No 3 GW-08052020 General Comments SAMPLE COLLECTION Field Kit Results / murky water Strong odor TOIMW-NOTS Time m v. 19.6-144 19.6-126.6 19.4-130.6 (NE) ORP 50 2.903 6.43 0.77 1 2.885 18.63 0.46 1 3.146 51.04 0.33 1 3.070 5254 0.31 3.020 1 3.162 51.78 0.20 (mg/L) 000 (NTU) Stabilization (mS/cm) Cond. Spec PURGING 123 150 101 85.6 101 85.6 101 85.6 101 85.6 107 H 5 Rate (L/min) Flow 1413 1418 11.25 1419 1426 Elaps. (min) Depth Time Intake 8 Pump Type NAPL Water Thick. NAPL 8 92.P Depth Depth 9 E WIL 2 Q 1356 Time Good Good Condit. Current Condition cap, casing, lock) (e.g., seal, cover, No lock, No locky WELL INFO Total Screen Depth Interval £ 31.3 45.34 £ Well 0

Appendix B

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QA/QC SOLUTIONS, LLC



James J. Mc Ateer, Jr., BS, MRSC Managing Member 7532 Champion Hill Rd. SE Salem, Oregon 97306 Telephone: 503.763.6948

Facsimile: 503.566.2114 Cellular: 503.881.1501 email: jjmcateer@msn.com

August 30, 2020

Jeff King, L.G.
Pacific Environmental and Redevelopment (PERC-NW)
8424 East Meadow Lake Drive
Snohomish, WA 98290

Subject: Data Validation Review for the Superlon Plastics Site Annual 2020

Groundwater Monitoring Well Sampling Event

Task Order No.: 20-1

QA/QC Solutions, LLC Project No.: 081220.1

Sent via e-mail to jking@perc-nw.com on August 30, 2020

Dear Jeff:

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 2020 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 used, and a summary of the reasons why data were qualified (including other items noted during data validation) 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 the dissolved arsenic result reported for Sample SLON-MW9I-GW-08052020 and its associated field replicate Sample SLON-MW9I-GW-08052020-D required qualification as estimated (*J*). No sample results required 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) which were collected on August 5, 2020. A summary of the samples collected and the analyses completed is presented in Table 1. Analyses were completed by Eurofins TestAmerica Seattle located in Tacoma, Washington under Laboratory Job ID 580-96555-1.

QA/QC Solutions, LLC received an abbreviated (Level 2) data summary but no electronic data deliverable (EDD from Pioneer Technologies, Inc.

Jeff King August 29, 2019 Page 2

Analytical Methods

Analysis of dissolved arsenic and lead was completed by filtration through 0.45-µm filter at the laboratory, digestion using nitric and hydrochloric acids, and analysis by inductively coupled plasma-mass spectrometry (ICP-MS) using U.S. EPA SW-846 Methods 3005A and 6020B (U.S. EPA 2020). Data users should note that filtration through 0.45-µm filter in not indicative of a "truly dissolved" water fraction.

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. The analytical data were validated generally following the applicable guidance and requirements specified in:

- ➤ 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 9355.0-135. EPA-540-R-2017-001. January 2017. U.S. Environmental Protection Agency (EPA), Office of Superfund Remediation and Technology Innovation (OSRTI), Washington, DC. (U.S. EPA 2017).
- Method-specific and laboratory-established quality control requirements, as applicable.

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.
- > Sample preparation logs or 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), duplicate LCS, matrix spike (MS), and matrix spike duplicate (MSD) recoveries to assess analytical accuracy.
- Results for applicable laboratory duplicate sample, duplicate LCS, and MSD analyses to assess analytical precision.
- > Results for the field duplicate sample 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 printouts 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

Jeff King August 29, 2019 Page 3

narrative 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 (2002 and 2017) to the EDD when applicable QC measurement criteria were not met and qualification of the data was warranted.

Reasons for Data Qualification

During data validation the dissolved arsenic result reported for Sample SLON-MW9I-GW-08052020 (dissolved arsenic at 19 ug/L) and its associated field duplicate Sample SLON-MW9I-GW-08052020-D (dissolved arsenic not detected (*U*) at 1 ug/L) required qualification as estimated (*J*). These results required qualification because dissolved arsenic was reported as detected at a concentration well above the method detection limit of 1.0 ug/L and the reporting limit of 4 ug/L in the primary sample, but not detected in the associated field duplicate. No explanation for such differences in concentrations for these two samples can be provided at this time

General Comments:

> In some instances, selected samples required dilution prior to analysis (as is required by the analytical methods) to obtain concentrations that were within the linear range of the instrument or to minimize the effects of matrix interferences to obtain reportable results.

This concludes the data validation review. Should you have any questions regarding the information presented herein, please contact me by telephone at 503.763.6948 or by e-mail at jjmcateer@msn.com.

Cordially,

James J. Mc Ateer, Jr., BS, MRSC

Managing Member

cc: Brad Grimsted, Pioneer Technologies Corporation via email at GrimstedB@uspioneer.com Hannah Briley, Pioneer Technologies Corporation via email at BrileyH@uspioneer.com

Attachment

Jeff King August 29, 2019 Page 4

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 2017. National Functional Guidelines for Inorganic Data Superfund Data Review. Final. OLEM 9355.0-135. EPA-540-R-2017-001. January 2017. U.S. Environmental Protection Agency (EPA), Office of Superfund Remediation and Technology Innovation (OSRTI), Washington, DC.

U.S. EPA 2020. 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 April 16, 2020). 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	Dissolved Arsenic and Lead by 6020B
SLON-MW2I-GW-08052020	580-96555-1	08/05/20	✓
SLON-MW2S-GW-08052020	580-96555-2	08/05/20	✓
SLON-MW13I-GW-08052020	580-96555-3	08/05/20	✓
SLON-MW13S-GW-08052020	580-96555-4	08/05/20	✓
SLON-MW4S-GW-08052020	580-96555-5	08/05/20	✓
SLON-MW4I-GW-08052020	580-96555-6	08/05/20	√
SLON-MW9S-GW-08052020	580-96555-7	08/05/20	√
SLON-MW9I-GW-08052020	580-96555-8	08/05/20	√
SLON-MW9I-GW-08052020-D	580-87870-9	08/05/20	√
SLON-MW10S-GW-08052020	580-96555-10	08/05/20	√
SLON-MW10I-GW-08052020	580-96555-11	08/05/20	√

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Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Seattle 5755 8th Street East Tacoma, WA 98424 Tel: (253)922-2310

Laboratory Job ID: 580-96555-1 Client Project/Site: Superlon

For:

Pioneer Technologies Corporation 5205 Corporate Ctr. Ct. SE Ste A Olympia, Washington 98503

Attn: Brad Grimsted

Shuid ony-

Authorized for release by: 8/14/2020 10:51:32 AM Sheri Cruz, Project Manager I (253)922-2310 Sheri.Cruz@Eurofinset.com

Designee for

Elaine Walker, Project Manager II (253)248-4972 m.elaine.walker@eurofinset.com

·····LINKS ······

Review your project results through Total Access

Have a Question?



Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Pioneer Technologies Corporation Project/Site: Superlon

Laboratory Job ID: 580-96555-1

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Case Narrative

Client: Pioneer Technologies Corporation

Project/Site: Superlon

Job ID: 580-96555-1

Job ID: 580-96555-1

Laboratory: Eurofins TestAmerica, Seattle

Narrative

Job Narrative 580-96555-1

Comments

No additional comments.

Receipt

The samples were received on 8/5/2020 3:00 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 13.3° C.

Receipt Exceptions

The following samples were received at the laboratory outside the required temperature criteria: SLON-MW2I-GW-08052020 (580-96555-1), SLON-MW2S-GW-08052020 (580-96555-2), SLON-MW13I-GW-08052020 (580-96555-3), SLON-MW13S-GW-08052020 (580-96555-4), SLON-MW4S-GW-08052020 (580-96555-5), SLON-MW4I-GW-08052020 (580-96555-6), SLON-MW9I-GW-08052020 (580-96555-7), SLON-MW9I-GW-08052020 (580-96555-8), SLON-MW9I-08052020-D (580-96555-9), SLON-MW10S-GW-08052020 (580-96555-10) and SLON-MW-10I-GW-08052020 (580-96555-11). The sample(s) is considered acceptable since it was collected and submitted to the laboratory on the same day and there is evidence that the chilling process has begun.

Metals

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

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Definitions/Glossary

Client: Pioneer Technologies Corporation Job ID: 580-96555-1

Project/Site: Superlon

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.						
n	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)

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

8/14/2020

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Client: Pioneer Technologies Corporation

Job ID: 580-96555-1

Project/Site: Superlon

Client Sample ID: SLON-MW2I-GW-08052020 Lab Sample ID: 580-96555-1

Date Collected: 08/05/20 07:54 Matrix: Water

Date Received: 08/05/20 15:00

Method: 6020B - Metals (ICP/MS) - Dissolved									
	Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Arsenic	6.9	5.0	1.0	ug/L		08/11/20 08:09	08/12/20 20:16	5
	Lead	ND	4.0	1.0	ug/L		08/11/20 08:09	08/12/20 20:16	5

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46

Client: Pioneer Technologies Corporation Job ID: 580-96555-1

Project/Site: Superlon

Client Sample ID: SLON-MW2S-GW-08052020

Lab Sample ID: 580-96555-2

Date Collected: 08/05/20 08:43 **Matrix: Water** Date Received: 08/05/20 15:00

Method: 6020B - Metals (ICP/MS) - Dissolved									
Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
Arsenic	170	5.0	1.0	ug/L		08/11/20 08:09	08/12/20 20:57	5	
Lead	ND	4.0	1.0	ug/L		08/11/20 08:09	08/12/20 20:57	5	

Client: Pioneer Technologies Corporation

Job ID: 580-96555-1

Project/Site: Superlon

Client Sample ID: SLON-MW13I-GW-08052020 Lab Sample ID: 580-96555-3

Date Collected: 08/05/20 09:46 Matrix: Water

Date Received: 08/05/20 15:00

Method: 6020B - Metals (ICP/MS) - Dissolved									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	300		5.0	1.0	ug/L		08/11/20 08:09	08/12/20 20:12	5
Lead	6.7		4.0	1.0	ug/L		08/11/20 08:09	08/12/20 20:12	5

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Client: Pioneer Technologies Corporation Job ID: 580-96555-1

Project/Site: Superlon

Client Sample ID: SLON-MW13S-GW-08052020

Lab Sample ID: 580-96555-4 Date Collected: 08/05/20 10:10 **Matrix: Water**

Date Received: 08/05/20 15:00

Method: 6020B - Metals (ICP/MS) - Dissolved									
	Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Arsenic	9100	5.0	1.0	ug/L		08/11/20 08:09	08/12/20 21:08	5
	Lead	280	4.0	1.0	ug/L		08/11/20 08:09	08/12/20 21:08	5

Client: Pioneer Technologies Corporation Job ID: 580-96555-1

Project/Site: Superlon

Client Sample ID: SLON-MW4S-GW-08052020

Lab Sample ID: 580-96555-5 Date Collected: 08/05/20 11:43 **Matrix: Water**

Date Received: 08/05/20 15:00

Method: 6020B - Metals (ICP/MS) - Dissolved									
	Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Arsenic	100	5.0	1.0	ug/L		08/11/20 08:09	08/12/20 21:12	5
	Lead	ND	4.0	1.0	ug/L		08/11/20 08:09	08/12/20 21:12	5

Client: Pioneer Technologies Corporation Job ID: 580-96555-1

Project/Site: Superlon

Client Sample ID: SLON-MW4I-GW-08052020 Lab Sample ID: 580-96555-6

Date Collected: 08/05/20 11:43 Matrix: Water

Date Received: 08/05/20 15:00

Method: 6020B - Metals (ICP/N	IS) - Dissolv	red							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	55		5.0	1.0	ug/L		08/11/20 08:09	08/12/20 21:04	5
Lead	ND		4.0	1.0	ug/L		08/11/20 08:09	08/12/20 21:04	5

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Client: Pioneer Technologies Corporation

Job ID: 580-96555-1

Project/Site: Superlon

Client Sample ID: SLON-MW9S-GW-08052020 Lab Sample ID: 580-96555-7

Date Collected: 08/05/20 13:07 Matrix: Water

Date Received: 08/05/20 15:00

Method: 6020B - Metals (ICP/MS) - Dissolved										
	Analyte	Result (Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Arsenic	19000		5.0	1.0	ug/L		08/11/20 08:09	08/12/20 21:01	5
	Lead	ND		4.0	1.0	ug/L		08/11/20 08:09	08/12/20 21:01	5

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Client: Pioneer Technologies Corporation

Job ID: 580-96555-1

Project/Site: Superlon

Client Sample ID: SLON-MW9I-GW-08052020 Lab Sample ID: 580-96555-8

Date Collected: 08/05/20 12:56 Matrix: Water

Date Received: 08/05/20 15:00

Method: 6020B - Metals (ICP/MS) - Dissolved									
	Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Arsenic	19	5.0	1.0	ug/L		08/11/20 08:09	08/12/20 21:27	5
	Lead	ND	4.0	1.0	ug/L		08/11/20 08:09	08/12/20 21:27	5

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Client: Pioneer Technologies Corporation

Job ID: 580-96555-1

Project/Site: Superlon

Client Sample ID: SLON-MW9I-08052020-D Lab Sample ID: 580-96555-9

Date Collected: 08/05/20 12:56 Matrix: Water

Date Received: 08/05/20 15:00

Method: 6020B - Metals (ICP/MS) - Dissolved									
	Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Arsenic	ND	5.0	1.0	ug/L		08/11/20 08:09	08/12/20 21:23	5
	Lead	ND	4.0	1.0	ug/L		08/11/20 08:09	08/12/20 21:23	5

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Client: Pioneer Technologies Corporation

Job ID: 580-96555-1

Project/Site: Superlon

Client Sample ID: SLON-MW10S-GW-08052020 Lab Sample ID: 580-96555-10

Date Collected: 08/05/20 14:29 Matrix: Water

Date Received: 08/05/20 15:00

Method: 6020B - Metals (ICP/MS) - Dissolved										
	Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Arsenic	3300		5.0	1.0	ug/L		08/11/20 08:09	08/12/20 21:16	5
l	Lead	250		4.0	1.0	ug/L		08/11/20 08:09	08/12/20 21:16	5

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Client: Pioneer Technologies Corporation

Job ID: 580-96555-1

Project/Site: Superlon

Client Sample ID: SLON-MW-10I-GW-08052020 Lab Sample ID: 580-96555-11

Date Collected: 08/05/20 14:29 Matrix: Water

Date Received: 08/05/20 15:00

Method: 6020B - Metals (ICP/MS) - Dissolved									
	Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Arsenic	ND ND	5.0	1.0	ug/L		08/11/20 08:09	08/12/20 21:19	5
	Lead	ND	4.0	1.0	ug/L		08/11/20 08:09	08/12/20 21:19	5

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Project/Site: Superlon

Job ID: 580-96555-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 580-335200/20-C

Matrix: Water

Analyte Arsenic Lead

Analysis Batch: 335533

Client Sample ID: Method Blank

Prep Type: Dissolved Prep Batch: 335255

MB	з мв								
Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
ND		5.0	1.0	ug/L		08/11/20 08:11	08/12/20 20:09	5	
ND		4.0	1.0	ug/L		08/11/20 08:11	08/12/20 20:09	5	

Lab Sample ID: LCS 580-335200/21-C

Matrix: Water

Analysis Batch: 335533

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prop Ratch: 335255

Spike LCS LCS %Rec. Analyte Added Result Qualifier D %Rec Limits Unit Arsenic 1000 993 ug/L 99 80 - 120 Lead 1000 1010 ug/L 101 80 - 120

Lab Sample ID: LCSD 580-335200/22-C

Matrix: Water

Analysis Batch: 335533

Client S	Sample	ID:	Lab	Control	Sample	Du	p
			_	_		-	-

Prep Type: Dissolved Prep Batch: 335255

LCSD LCSD **RPD** Spike %Rec. Analyte Added Result Qualifier Unit %Rec Limits RPD Limit 1000 Arsenic 977 98 80 - 120 2 20 ug/L ug/L Lead 1000 991 99 80 - 120 20 2

Lab Sample ID: 580-96555-1 MS

Matrix: Water

Analysis Batch: 335533

Prep Type: Dissolved

Prep Batch: 335255

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Arsenic	6.9		1000	1010		ug/L		100	80 - 120	
Lead	ND		1000	1010		ug/L		101	80 - 120	

Lab Sample ID: 580-96555-1 MSD

Matrix: Water

Analysis Batch: 335533

Client Sample	ID: SLON-	MW2I-GW	/-08052020

Prep Type: Dissolved Prep Batch: 335255

Sample Sample Spike MSD MSD %Rec. **RPD** Result Qualifier Added Result Qualifier Limits RPD Limit Analyte Unit D %Rec Arsenic 6.9 1000 977 ug/L 97 80 - 120 20 ug/L ND 1000 995 80 - 120 20 Lead 99 2

Lab Sample ID: 580-96555-1 DU

Matrix: Water

Analysis Batch: 335533

Client Sample	ID: SLON-MW2I-GW-08052020	

Prep Type: Dissolved

Prep Batch: 335255

	Sample	Sample	DU	DU					RPD	
Analyte	Result	Qualifier	Result	Qualifier	Unit	D		RPD	Limit	
Arsenic	6.9		 6.74		ug/L			2	20	
Lead	ND		ND		ug/L			NC	20	

Client Sample ID: SLON-MW2I-GW-08052020

Date Collected: 08/05/20 07:54 Date Received: 08/05/20 15:00

Client: Pioneer Technologies Corporation

Lab Sample ID: 580-96555-1

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Dissolved	Filtration	FILTRATION			335200	08/10/20 13:11	TMH	TAL SEA
Dissolved	Prep	3005A			335255	08/11/20 08:09	ART	TAL SEA
Dissolved	Analysis	6020B		5	335533	08/12/20 20:16	FCW	TAL SEA

Client Sample ID: SLON-MW2S-GW-08052020

Date Collected: 08/05/20 08:43 Date Received: 08/05/20 15:00

Lab Sample ID: 580-96555-2

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Dissolved	Filtration	FILTRATION			335200	08/10/20 13:11	TMH	TAL SEA
Dissolved	Prep	3005A			335255	08/11/20 08:09	ART	TAL SEA
Dissolved	Analysis	6020B		5	335533	08/12/20 20:57	FCW	TAL SEA

Client Sample ID: SLON-MW13I-GW-08052020

Date Collected: 08/05/20 09:46 Date Received: 08/05/20 15:00

Lab Sample ID: 580-96555-3

Lab Sample ID: 580-96555-4

Lab Sample ID: 580-96555-5

TAL SEA

Matrix: Water

Matrix: Water

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Dissolved	Filtration	FILTRATION			335200	08/10/20 13:11	TMH	TAL SEA
Dissolved	Prep	3005A			335255	08/11/20 08:09	ART	TAL SEA
Dissolved	Analysis	6020B		5	335533	08/12/20 20:12	FCW	TAL SEA

Client Sample ID: SLON-MW13S-GW-08052020

Date Collected: 08/05/20 10:10

Date Received: 08/05/20 15:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Dissolved	Filtration	FILTRATION			335200	08/10/20 13:11	TMH	TAL SEA
Dissolved	Prep	3005A			335255	08/11/20 08:09	ART	TAL SEA
Dissolved	Analysis	6020B		5	335533	08/12/20 21:08	FCW	TAL SEA

Client Sample ID: SLON-MW4S-GW-08052020

6020B

Date Collected: 08/05/20 11:43

Analysis

Dissolved

Date Receive	Date Received: 08/05/20 15:00												
	Batch	atch Batch		Dilution	Batch	Prepared							
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab					
Dissolved	Filtration	FILTRATION			335200	08/10/20 13:11	TMH	TAL SEA					
Dissolved	Prep	3005A			335255	08/11/20 08:09	ART	TAL SEA					

Eurofins TestAmerica, Seattle

335533 08/12/20 21:12 FCW

Client Sample ID: SLON-MW4I-GW-08052020

Date Collected: 08/05/20 11:43 Date Received: 08/05/20 15:00

Client: Pioneer Technologies Corporation

Lab Sample ID: 580-96555-6

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Dissolved	Filtration	FILTRATION			335200	08/10/20 13:11	TMH	TAL SEA
Dissolved	Prep	3005A			335255	08/11/20 08:09	ART	TAL SEA
Dissolved	Analysis	6020B		5	335533	08/12/20 21:04	FCW	TAL SEA

Client Sample ID: SLON-MW9S-GW-08052020

Date Collected: 08/05/20 13:07 Date Received: 08/05/20 15:00

Lab Sample ID: 580-96555-7

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Dissolved	Filtration	FILTRATION			335200	08/10/20 13:11	TMH	TAL SEA
Dissolved	Prep	3005A			335255	08/11/20 08:09	ART	TAL SEA
Dissolved	Analysis	6020B		5	335533	08/12/20 21:01	FCW	TAL SEA

Client Sample ID: SLON-MW9I-GW-08052020

Date Collected: 08/05/20 12:56 Date Received: 08/05/20 15:00

Lab Sample ID: 580-96555-8

Lab Sample ID: 580-96555-9

Matrix: Water

Matrix: Water

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Dissolved	Filtration	FILTRATION			335200	08/10/20 13:11	TMH	TAL SEA
Dissolved	Prep	3005A			335255	08/11/20 08:09	ART	TAL SEA
Dissolved	Analysis	6020B		5	335533	08/12/20 21:27	FCW	TAL SEA

Client Sample ID: SLON-MW9I-08052020-D

Date Collected: 08/05/20 12:56

Date Received: 08/05/20 15:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Filtration	FILTRATION		<u> </u>	335200	08/10/20 13:11	TMH	TAL SEA
Dissolved	Prep	3005A			335255	08/11/20 08:09	ART	TAL SEA
Dissolved	Analysis	6020B		5	335533	08/12/20 21:23	FCW	TAL SEA

Date Collected: 08/05/20 14:29

Date Received: 08/05/20 15:00

Dissolved	Analysis	6020B	5	335533	08/12/20 21:23	FCW	TAL SEA	
Client Samp	ole ID: SLO	/-08052020			Lab S	ample ID: 5	80-96555-10	
Date Collected	d: 08/05/20 1	14:29						Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Filtration	FILTRATION			335200	08/10/20 13:11	TMH	TAL SEA
Dissolved	Prep	3005A			335255	08/11/20 08:09	ART	TAL SEA
Dissolved	Analysis	6020B		5	335533	08/12/20 21:16	FCW	TAL SEA

Eurofins TestAmerica, Seattle

8/14/2020

Lab Chronicle

Client: Pioneer Technologies Corporation Job ID: 580-96555-1

Project/Site: Superlon

Client Sample ID: SLON-MW-10I-GW-08052020

Lab Sample ID: 580-96555-11 Date Collected: 08/05/20 14:29 **Matrix: Water**

Date Received: 08/05/20 15:00

	Batch	Batch		Dilution	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Number	or Analyzed	Analyst	Lab
Dissolved	Filtration	FILTRATION			335200	08/10/20 13:11	TMH	TAL SEA
Dissolved	Prep	3005A			335255	08/11/20 08:09	ART	TAL SEA
Dissolved	Analysis	6020B		5	335533	08/12/20 21:19	FCW	TAL SEA

Laboratory References:

TAL SEA = Eurofins TestAmerica, Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

Accreditation/Certification Summary

Client: Pioneer Technologies Corporation Job ID: 580-96555-1

Project/Site: Superlon

Laboratory: Eurofins TestAmerica, Seattle

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Oregon	NELAP	WA100007	11-06-20
Washington	State	C553	02-18-21

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Sample Summary

Client: Pioneer Technologies Corporation Project/Site: Superlon

Job ID: 580-96555-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	As
580-96555-1	SLON-MW2I-GW-08052020	Water	08/05/20 07:54	08/05/20 15:00	
80-96555-2	SLON-MW2S-GW-08052020	Water	08/05/20 08:43	08/05/20 15:00	
80-96555-3	SLON-MW13I-GW-08052020	Water	08/05/20 09:46	08/05/20 15:00	
580-96555-4	SLON-MW13S-GW-08052020	Water	08/05/20 10:10	08/05/20 15:00	
580-96555-5	SLON-MW4S-GW-08052020	Water	08/05/20 11:43	08/05/20 15:00	
80-96555-6	SLON-MW4I-GW-08052020	Water	08/05/20 11:43	08/05/20 15:00	
80-96555-7	SLON-MW9S-GW-08052020	Water	08/05/20 13:07	08/05/20 15:00	
80-96555-8	SLON-MW9I-GW-08052020	Water	08/05/20 12:56	08/05/20 15:00	
80-96555-9	SLON-MW9I-08052020-D	Water	08/05/20 12:56	08/05/20 15:00	
80-96555-10	SLON-MW10S-GW-08052020	Water	08/05/20 14:29	08/05/20 15:00	
580-96555-11	SLON-MW-10I-GW-08052020	Water	08/05/20 14:29	08/05/20 15:00	

Eurofins TestAmerica, Seattle

5755 8th Street East Tacoma, WA 98424 Phone: 253-922-2310 Fax: 253-922-5047

Chain of Custody Record

🔅 eurofins

Environment Testing America

Figure 200-022-2010 1 dx. 200-022-00-1	Sampler:	- `lo			b PM:						Carrier	Tracking	No(s):			COC No:		
Client Information Client Contact:						Elaine M				4				580-39554-12635.1 Page:				
Hannah Briley	7 - 1				alker@testamericainc.com								Page 1 of 1					
Company: Pioneer Technologies Corporation								,	Analys	sis Re	queste	ed				Job#:		
Address: 5205 Corporate Ctr. Ct. SE Ste A	Due Date Request	ed:											T			Preservation Co	odes:	
City:	TAT Requested (da	ıys):		····	- 1											A - HCL B - NaOH	M - Hexane N - None	
Olympia State, Zip:	-					(wat										C - Zn Acetate D - Nitric Acid	O - AsNaO2 P - Na2O4S	
WA, 98503					⊿ 1	PMS						1				E - NaHSO4 F - MeOH	Q - Na2SO3 R - Na2S2O3	
Phone: 360-570-1700(Tel)	PO#: Pay by Credit C	ard				by IC	2									G - Amchior H - Ascorbic Acid	S - H2SO4 T - TSP Dodeca	ihydrale
Email: brileyh@uspioneer.com	WO#:		···············		٦Ž) ه	Lead	rsemi									I - Ice J - Di Water	U - Acetone V - MCAA	nyanata
Project Name:	Project #:					8 LO	2	2							5	K - EDTA L - EDA	W - pH 4-5 Z - other (specify	iv)
Superion Site:	58010637 ssow#:				ᆜᇍᇶ	ıć, ı	Z (2								Other:	Z omer (apesis)	"
O.C.				·										90				
			Sample	Matrix	lered MS/	(qop)	Dissolved	\mathbb{Z}							龗			
		Sample	Type (C≕comp	(W=water, S=solid,		6020B - (MOD)	3	776										
Sample Identification	Sample Date	Time		S≃solid, C≃waste/oif, ST≃Tissue, A≃A	ACTOR AND ADDRESS OF THE PARTY.		0 0	Z							ğ	Special I	nstructions/No	te:
0.00	.005 0.000		ARTECON VINENDESS SOME	ation Code:	X^{\times}	N		-	11						糾			
SLON-MW21-GW-08052020	08052020	754	G	Water			Ϋ́X		11									
SLON-MW2S-GW-08052020	0805 2020	643		Water	Ŋ		XX				Ĺ'	1 2234228282.4	i I saa kaakaa) i			#	
SLON-MW13I-GW-08052020	08052020	946		Water	N		x x											
SLON-MW135-GW-08052020	08052020	1010		Water	N		X X	:			L							
SLON-MW45-6W-08052020	08052020	1143		Water	స		X X					80.9	5555 C	hain of	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	<u></u>	
SLON-MW4I-GW-08052020	08052020	1143		Water	N		4 X											
SLON-MN95-GW-08052020	09052010	107 PM		Water	И		¥ \	×				Therr	n ID.	6		13. 3 . ,	Unc: <u>13.3</u>	
SLON-MW-9I-GW-08052020	08052020	1256		Water	7		X 7	<u>ا</u> ا				Coole	r Dsc:	5 B			x:	
(10N-MW-9I-GW-08052020-D	08052020	1256		Water	N		* *	:				Packi	лg:	,		UPS:		
	08052020	229 PA	٨	Water	N]],	x 7					Cust. Rhie I	Seal: Y	tes k. Dry.	. No <u>∗</u> T . Nor	UPS: Lab C ne Other	iour:	
	08052020	229 PM	n V	Water	N	L	XX					‡ 1		L 6	tho)sau			
Possible Hazard Identification					Sa	mple i	Dispo:	sal (A	fee m							longer than 1		
Non-Hazard Flammable Skin Irritant Poise Deliverable Requested: I, II, III, IV, Other (specify)	on B Unkno	own R	?adiological	1			tum T			<i>⊡ ⊡</i> uiremen	Disposal Ne:	By Lat	b	\Box_A	rchiv	re For	Months	
				····	<u>L_</u>		136 000		to req	Jan Cillicii			N				·····	
Empty Kit Relinquished by:		Date:	7.	Company	Time:	Receiv	ed hu		11/		Met	100 01 8	hipment: Date/Tid	S F '	77	7 .0 -0	Company	
Relinquished by: Relinquished by:	Date/Time: 8/5/2020 15:00 Company TO Date/Time: Company				Received by Lewy Hubb				Date/Ti 9.5.2 0			<i>μ</i> υ	1500	TASES				
	Date/Time: Company				Received by:					Date/Tim				Company				
Relinquished by	Date/Time: Company				Received by: Date/Time:			e:			Company							
Custody Seals Intact; Custody Seal No.:						Cooler	Temper	rature(s	°C and	Other Ren	narks:			AMA				

Ver: 01/16/2019 8/14/2020

Page 22 of 23

Client: Pioneer Technologies Corporation

Job Number: 580-96555-1

Login Number: 96555 List Source: Eurofins TestAmerica, Seattle

List Number: 1

Creator: Vallelunga, Diana L

Creator: Vallelunga, Diana L		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	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.	N/A	Received same day of collection; chilling process has begun.
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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Appendix C

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(SUBMIT ONE WELL REPORT PER WELL INSTALLED) Notice of Intent No. AE44817 Construction/Decommission Type of Well Construction X Resource Protection X Decommission ORIGINAL INSTALLATION Notice Geotechnical Soil Boring Property Owner of Intent Number ____ White Birch Site Address 2116 Taylor Way Consulting Firm Pacific Environmental County City Tacoma Pierce EWM Unique Ecology Well ID Location 1/4 NW 1/4 NE Sec 35 TWN 21N R 3E or Tag No. WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for Lat/Long (s,t,r Lat Deg n/a___ Lat Min/Sec still Required) Long Deg ____n/a construction of this well, and its compliance with all Washington well construction standards Long Min/Sec n/a Materials used and the information reported above are true to my best knowledge and belief Tax Parcel No. 03213561042 X Driller Trainee Name (Print) Tri Wi Cased or Uncased Diameter GRUT 2" WE! Static Level 5 Driller/Trainee Signature Driller/Trainee License No. Work/Decommision Start Date 8/29/17 If trainee, licensed drillers' Work/Decommision Completed Date 8/29/17 Signature and License No. Construction/Design Well Data 103-17-1371 Formation Description geour IN place CONCRETE SURFACE SEAL BACKFILL FT BENTONITE GROWT REQUIRED INFORMATION (Must get one or both if available) BHS 237 **DEPT OF ECOLOGY WELL TAG #:** CLIENT WELL ID #: DEPTH OF BORING 50 FT

Page _____ of ____

ECY 050-12 (Rec*v 2/01)

CURRENT

RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPORT PER WELL INSTALLED) AE44817 Notice of Intent No. Construction/Decommission Type of Well Construction X Resource Protection X Decommission ORIGINAL INSTALLATION Notice Geotechnical Soil Boring of Intent Number ____ Property Owner White Birch Site Address 2116 Taylor Way Consulting Firm Pacific Environmental Tacoma County City Pierce Unique Ecology Well ID Location 1/4 NW 1/4 NE sec 35 TWN 21N R 3E or Tag No. Lat/Long (s,t,r Lat Deg _____n/a WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for Lat Min/Sec construction of this well, and its compliance with all Washington well construction standards still Required) Long Deg _____n/a Long Min/Sec n/a Materials used and the information reported above are true to my best knowledge and belief Tax Parcel No. 03213561042 X Driller Traince Name (Print) __Tim Watson Driller/Trainee Signature Cased or Uncased Diameter great P'WEII pre Static Level 5 Driller/Trainee License No. Work/Decommision Start Date 8/29/17 If trainee, licensed drillers' Work/Decommision Completed Date 8/27/17 Signature and License No. Construction/Design Well Data 103-17-1371 Formation Description CONCRETE SURFACE SEAL 9 - 3/ FT 9 ROUT IN PLACE 2" WEIL 3 FT BACKFILL BENTONTIC GLOUT **REQUIRED INFORMATION** (Must get one or both if available) DEPT OF ECOLOGY WELL TAG#: BHS 235 CLIENT WELL ID #: DEPTH OF BORING 81' FT

Page _____ of ____

ECY 050-12 (Rec=v 2/01)

CURRENT

RESOURCE PROTECTION WELL REPORT

AE44817 (SUBMIT ONE WELL REPORT PER WELL INSTALLED) Notice of Intent No. Construction/Decommission Type of Well Construction X Resource Protection X Decommission ORIGINAL INSTALLATION Notice Geotechnical Soil Boring of Intent Number Property Owner White Birch Site Address 2116 Taylor Way Tacoma County Consulting Firm Pacific Environmental Pierce City EWM Unique Ecology Well ID Location 1/4 NW 1/4 NE Sec 35 TWN 21N R 3E or Tag No. n/a WELL CONSTRUCTION CERTIFICATION: 1 constructed and/or accept responsibility for Lat/Long (s,t,r Lat Deg Lat Min/Sec construction of this well, and its compliance with all Washington well construction standards still Required) Long Deg n/a Long Min/Sec Materials used and the information reported above are true to my best knowledge and belief Tax Parcel No. 03213561042 X Driller Trainee Name (Print) _Tim-Watson The Water Cased or Uncased Diameter geout 2" puc well Static Level 5 Driller/Trainee Signature Driller/Trainee License No. Work/Decommision Start Date 8/29/17-If trainee, licensed drillers' Work/Decommision Completed Date 8/29/17 Signature and License No. Well Data Construction/Design Formation Description 103-17-1371 CONCRETE SURFACE SEAL 23 **BACKFILL** BENTONITE GROWT REQUIRED INFORMATION (Must get one or both if available) **DEPT OF ECOLOGY WELL TAG #:** BHB402 CLIENT WELL ID #: DEPTH OF BORING 26' FT

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ECY 050-12 (Rec+v 2/01)

CURRENT

RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPORT PER WELL INSTALLED) AE44817 Notice of Intent No. Construction/Decommission Type of Well Construction X Resource Protection X Decommission ORIGINAL INSTALLATION Notice Geotechnical Soil Boring of Intent Number _____ Property Owner White Birch Site Address 2116 Taylor Way Consulting Firm Pacific Environmental Tacoma County Pierce City Unique Ecology Well ID Location 1/4 NW 1/4 NE Sec 35 TWN 21N R 3E or Tag No. Lat/Long (s,t,r Lat Deg n/a WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for Lat Min/Sec construction of this well, and its compliance with all Washington well construction standards still Required) Long Deg ____n/a Long Min/Sec n/a Materials used and the information reported above are true to my best knowledge and belief Tax Parcel No. _____ 03213561042 X Driller Trainee Name (Print) Tim Watson Cased or Uncased Diameter 2" pre well Static Level Driller/Trainee Signature Driller/Trainee License No. Work/Decommision Start Date 8/29/17 If trainee, licensed drillers' Work/Decommision Completed Date 8/29/17 Signature and License No. Construction/Design Well Data 103-17-1371 Formation Description CONCRETE SURFACE SEAL BACKFILL BENTONITE GROUT REQUIRED INFORMATION (Must get one or both if available) BHS 235 **DEPT OF ECOLOGY WELL TAG #:** CLIENT WELL ID #: DEPTH OF BORING 50 FT Page _____ of ____

CURRENT

ECY 050-12 (Rec=v 2/01)

RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPOR	RT PER WELL INSTALLED)		Notice of Int	ent No.	AE44817
Construction/Decommission			Туре	of Well	
Construction			XRe	source Protection	
X Decommission ORIGINAL	INSTALLATION Notice		Ge	otechnical Soil Bori	ng
of Intent l	Number	Property Owne	er	White Birch	
Consulting Firm	Pacific Environmental	Site Address City	Tacoma	2116 Taylor Way County	Pierce
	Tacine Environmental	_	Tacoma	County	EWM
Unique Ecology Well ID		Location	1/4 <u>NW</u> 1/4 <u>NE</u>	E Sec 35 TWN 21	0.000
Tag No	ON: 1 constructed and/or accept responsibility for	Lat/Long (s.t.r	Lat Deg n/	a Lat Min/S	WWM Sec n/a
	e with all Washington well construction standards		Long Deg n/		27
Materials used and the information reporter	d above are true to my best knowledge and belief	Tax Parcel No.		03213561042	
X Driller Trainee Name (Print	Tim Watson	_			-
Driller/Trainee Signature	Tai Water	_ Cased or Uncases	d Diameter	ve wall	Static Level 5
Driller/Trainee License No.	3203	Work/Decommi	ision Start Date	8/29/12	
If trainee, licensed drillers'					
Signature and License No.		Work/Decommi	sion Completed Date	8/29/17	
Construction/De	sion VI	ے ell Data 103-1/	7-1371	Formation Des	crintion
	Jight W	ren Bata 103-1	7-15/1	Tottilation Des	сприон
	CONCRETE SUI	RFACE SEAL	-	0 - 53 grout in p	FT
		_3	FT	grout in	PLACE
				3" PAC MG	=//
→	BACKFILL	50	FT	0 -	FT
		BENTENTTE	FOUT		
			D INFORMAT ne or both if availa		
		(iviusi gei oi	ie or both it availa	uie)	
	DEPT OF ECOL	OGY WELL TA	G#: <u>73</u>	7D 704	
		TD //		•	
	CLIENT WELL I	ID#:			
	DEPTH OF BORING	53'	FT		
<i>amminin</i> ◆	DEI IN OF BORING				
Scale I" =		Page	_of	ECY	050-12 (Rec=v 2/01)

(SUBMIT ONE WELL REPORT PER WELL INSTALLED) AE44817 Notice of Intent No. Construction/Decommission Type of Well Construction X Resource Protection X Decommission ORIGINAL INSTALLATION Notice Geotechnical Soil Boring of Intent Number _____ Property Owner White Birch 2116 Taylor Way Site Address Consulting Firm Pacific Environmental City Tacoma County Pierce EWM Unique Ecology Well ID Location 1/4 NW 1/4 NE Sec 35 TWN 21N R 3E or Tag No. WELL CONSTRUCTION CERTIFICATION | I constructed and/or accept responsibility for Lat/Long (s,t,r Lat Deg n/a Lat Min/Sec still Required) Long Deg ____n/a construction of this well, and its compliance with all Washington well construction standards Long Min/Sec n/a Materials used and the information reported above are true to my best knowledge and belief Tax Parcel No. ______03213561042 X Driller Trainee Name (Print) Cased or Uncased Diameter 2"prc well Static Level 5 Driller/Trainee Signature Driller/Trainee License No. Work/Decommision Start Date 8/29/17-If trainee, licensed drillers' Work/Decommision Completed Date 9/29/12 Signature and License No. Construction/Design Well Data 103-17-1371 Formation Description CONCRETE SURFACE SEAL QROUT IN PLACE 20 FT BACKFILL BENTONITE GROUT REQUIRED INFORMATION (Must get one or both if available) DEPT OF ECOLOGY WELL TAG#: BFD 8-59 CLIENT WELL ID #: DEPTH OF BORING ______ 23 FT Scale I" = Page _____ of ____ ECY 050-12 (Rec=v 2/01)

CURRENT

RESOURCE PROTECTION WELL REPORT

Notice of Intent No. AE44817 (SUBMIT ONE WELL REPORT PER WELL INSTALLED) Construction/Decommission Type of Well Construction X Resource Protection X Decommission ORIGINAL INSTALLATION Notice Geotechnical Soil Boring of Intent Number ____ Property Owner White Birch Site Address 2116 Taylor Way Consulting Firm Pacific Environmental Tacoma County City Pierce EWM Unique Ecology Well ID Location 1/4 NW 1/4 NE Sec 35 TWN 21N R 3E or Tag No. n/a Lat Min/Sec WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for Lat/Long (s,t,r Lat Deg still Required) Long Deg n/a construction of this well, and its compliance with all Washington well construction standards Long Min/Sec n/a Materials used and the information reported above are true to my best knowledge and belief Tax Parcel No. 03213561042 X Driller Trainee Name (Print) Tim Watson Cased or Uncased Diameter 2" pre well Static Level 5 Driller/Trainee Signature Driller/Trainee License No. Work/Decommision Start Date 8/29/17-If trainee, licensed drillers' Work/Decommision Completed Date 8/29/17 Signature and License No. Construction/Design Well Data 103-17-1371 Formation Description CONCRETE SURFACE SEAL 9ROUT IN PLACE BACKFILL BENJOIVITT GROUT **REQUIRED INFORMATION** (Must get one or both if available) DEPT OF ECOLOGY WELL TAG#: BZD 682 CLIENT WELL ID #: DEPTH OF BORING 54 FT

Page _____ of ____

ECY 050-12 (Rec=v 2/01)

CURRENT

RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPORT PER WELL INSTALLED	D)	Notice of 1	Intent No.	AE44817
Construction/Decommission		Туј	pe of Well	
Construction			Resource Protectio	n
X Decommission ORIGINAL INSTALLATION Notice		=	Geotechnical Soil I	
of Intent Number	Property Owi		White Bi	_
	Site Address		2116 Taylor	Way
Consulting Firm Pacific Environment	al City	Tacoma	County	
Unique Ecology Well ID Tag No.	Location	1/4 <u>NW</u> 1/4	NE Sec 35 TWN	21N R 3E or WWM
WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept respo	nsibility for Lat/Long (s,t,	Lat Deg	n/a Lat !	Min/Sec n/a
construction of this well, and its compliance with all Washington well construction	on standards still Required	Long Deg	n/a Long	g Min/Sec n/a
Materials used and the information reported above are true to my best knowledge	and belief Tax Parcel No)	032135610	42
X Driller Trainee Name (Print) Tim Watson		11290		
Driller/Trainee Signature	Cased or Uncas	ed Diameter 2'	pre well	Static Level
Driller/Trainee License No. 3203	Work/Decomi	nision Start Date	8/29/17	
If trainee, licensed drillers'			·	
Signature and License No.	Work/Decomr	nision Completed D	ate <u>8/29/17</u>	7-
Construction/Design	Well Data 103-	17-1371	Formation	Description
CONC	RETE SURFACE SEAL	FT	0 - 3 grout in	O FT place
BACK	BENTONITE	FT GEOWT	0 - ATION	FT
	(Must get	one or both if ava	iilable)	
DEPT	OF ECOLOGY WELL T	AG#:	BFD 683	
CLIEN	T WELL ID #:			
DEPTH	OF BORING30	FT FT		
Scale 1" =	Page	of		ECY 050-12 (Rec=v 2/01)

AE44817 (SUBMIT ONE WELL REPORT PER WELL INSTALLED) Notice of Intent No. Construction/Decommission Type of Well Construction X Resource Protection X Decommission ORIGINAL INSTALLATION Notice Geotechnical Soil Boring of Intent Number ____ Property Owner White Birch Site Address 2116 Taylor Way Consulting Firm Pacific Environmental Tacoma County City Pierce EWM Unique Ecology Well ID Location 1/4 NW 1/4 NE Sec 35 TWN 21N R 3E or Tag No. n/a WELL CONSTRUCTION CERTIFICATION. I constructed and/or accept responsibility for Lat/Long (s,t,r Lat Deg Lat Min/Sec still Required) Long Deg ____n/a construction of this well, and its compliance with all Washington well construction standards Long Min/Sec Materials used and the information reported above are true to my best knowledge and belief Tax Parcel No. 03213561042 X Driller Trainee Name (Print) Cased or Uncased Diameter 2" pvc well Static Level Driller/Trainee Signature Driller/Trainee License No. Work/Decommision Start Date 8/29/17 If trainee, licensed drillers' Work/Decommision Completed Date _____8/2-9/17 Signature and License No. Construction/Design Well Data 103-17-1371 Formation Description CONCRETE SURFACE SEAL BACKFILL BENTONITE GROUT REQUIRED INFORMATION (Must get one or both if available) **DEPT OF ECOLOGY WELL TAG #:** BHB 403 CLIENT WELL ID #: DEPTH OF BORING 25 FT Scale I" = Page ____ of ___

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ECY 050-12 (Rec=v 2/01)

RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPO	ORT PER WELL INSTALLED)		Notice of Int	ent No.	AE44817
Construction/Decommissio	n		Туре	of Well	
Construction			XRe	source Protection	
X Decommission ORIGINAL	L INSTALLATION Notice		=	otechnical Soil Bori	ing
	Number	Property Owne		White Birch	-
		Site Address		2116 Taylor Wa	у
Consulting Firm	Pacific Environmental	City	Tacoma	County	Pierce
Unique Ecology Well ID Tag No.	FION: I constructed and/or accept responsibility for	Location	1/4 NW 1/4 NI Lat Deg n/	E Sec 35 TWN 21	WWM
	nce with all Washington well construction standards		Long Deg n/		in/Sec n/a
	ted above are true to my best knowledge and belief			03213561042	
X Driller Traince Name (Prin	nt) Tim Watson	Tax Parcel No.		03213301042	
Driller/Trainee Signature	Fry 1965	Cased or Uncased	d Diameter 211	VC WEIL	Static Level 5
Driller/Trainee License No.	3203		ision Start Date		
If trainee, licensed drillers'		Work/Decomm	ISION Start Date	010-1717	
Signature and License No.		Work/Decommi	sion Completed Date	8/29/17	
Construction/D	esign W	ell Data 103-1	7-1371	Formation De	scription
	and an area of the				
	CONCRETE SUF	RFACE SEAL 3	FT -	0 - 50 Apout IN	FT place
	BACKFILL	BENTENITE	FT	0 -	FT
		BENETAVIC	9-		
		•	D INFORMAT ne or both if availa		
	DEPT OF ECOLO	OGY WELL TA	G#: <u>BH</u>	S 393	
	CLIENT WELL I	D #:			
	DEPTH OF BORING	50	FТ	20	
Scale I" =		Page	of	EC.	Y 050-12 (Rec=v 2/01)

CURRENT

RESOURCE PROTECTION WELL REPORT

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)		Notice of Intent No.	AE44	817
Construction/Decommission		Type of Well		
Construction		X Resource	Protection	
X Decommission ORIGINAL INSTALLATION Notice		=	cal Soil Boring	
of Intent Number			White Birch	
Consist Pina	Site Address		Taylor Way	
Consulting Firm Pacific Environmental	City	Tacoma	County Pi	erce EWM
Unique Ecology Well ID Tag No.	Location	1/4 NW 1/4 NE Sec	35_TWN_21N_R_	
WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsible	Lat/Long (s,t,r	Lat Deg n/a	Lat Min/Sec	n/a
construction of this well, and its compliance with all Washington well construction sta	andards still Required)	Long Degn/a	Long Min/Sec _	n/a
Materials used and the information reported above are true to my best knowledge and	belief Tax Parcel No.	03:	213561042	
X Driller Trainee Name (Print) Tim Watson	Cond or Uncond	Diamatan alk 20 M	e-11 5	
Driller/Trainee Signature Driller/Trainee License No. 3203		Diameter pvc 2" w		Level
	Work/Decommis	sion Start Date 8/3	0/17	
If trainee, licensed drillers'				
Signature and License No.	Work/Decommis	sion Completed Date	1/30/17	
Construction/Design	Well Data 103-1	7-1371 Fo	ormation Description	n
BACKFI	REQUIRE	FT0	IN PLACE	FT
DEPT OF	ECOLOGY WELL TA	G#: <u>BH5</u>	394	
CLIENT	WELL ID #:			
DEPTH OF		FT		
Scale 1" =	Page	_of	ECY 050-12 (Rec=v 2/01)

RESOURCE PROTECT (SUBMIT ONE WELL REPORT PER W		PORT	CURRENT Notice of Inter	t No. AE	44817
Construction/Decommission			Type of	Well	
Construction			XReso	urce Protection	
	ATION Notice		Geot	echnical Soil Boring	
of Intent Number		Property Owne		White Birch	
_		Site Address		2116 Taylor Way	
Consulting Firm Pacif	ic Environmental	_ City	Tacoma	County	Pierce
Unique Ecology Well ID Tag No		Location	1/4 <u>NW</u> 1/4 <u>NE</u>	Sec 35 TWN 21N R	3E or WWM
WELL CONSTRUCTION CERTIFICATION 1 construction	ted and/or accept responsibility for	Lat/Long (s,t,r		Lat Min/Sec	n/a
construction of this well, and its compliance with all Was	hington well construction standards	still Required)	Long Degn/a	Long Min/Sec	: <u>n/a</u>
Materials used and the information reported above are true	e to my best knowledge and belief	Tax Parcel No.		03213561042	
X Driller Trainee Name (Print)	l'im Watson				
Driller/Trainee Signature	Westman	_ Cased or Uncase	d Diameter 2'	Stat	ic Level _
Driller/Traince License No.	3203	- World Donomin	ision Street Data	- 20 17	
If trainee, licensed drillers'		Work/Decomm	isioni start Date(-30-17	
Signature and License No.		Work/Decommi	ision Completed Date	8-30-17	
Construction/Design	W	ے eil Data 103-1ر	7-1371	Formation Descrip	tion
4	CONCRETE SUI	RFACE SEAL	0		FT
			FT		
			To 1		
		- '			
→	BACKFILL	<u> </u>	FT	-	FT
		Bent. G	rocet		
		DEOLUBE	D INICODA(A/E)	ON	
			D INFORMATI ne or both if available		
	DEPT OF ECOL	OGY WELL TA	1G#: _ B	HB- 498	.
	CLIENT WELL	ID #:		·	
				· · · · · · · · · · · · · · · · · · ·	
	DEPTH OF BORIN	G36' .	FT		

RESOURCE PROTECTION WELL REI (SUBMIT ONE WELL REPORT PER WELL INSTALLED)	PORT	CURRENT Notice of Intent	No. AE	44817
Construction/Decommission		Type of V	Vell	
Construction		X Resour	ce Protection	
		Genter	hnical Soil Boring	
of Intent Number	Property Owne		White Birch	
	Site Address		116 Taylor Way	
Consulting Firm Pacific Environmental	City	Tacoma	County	Pierce
Unique Ecology Well ID Tag No.	Location	1/4 <u>NW</u> 1/4 <u>NE</u> Sec	2 35 TWN 21N F	EWM or WWM
WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for	Lat/Long (s,t,r	Lat Deg n/a	Lat Min/Sec	n/a
construction of this well, and its compliance with all Washington well construction standards	still Required)	Long Degn/a	Long Min/Se	c <u>n/a</u>
Materials used and the information reported above are true to my best knowledge and belief	Tax Parcel No.		03213561042	
X Driller Trainee Name (Print) Tim Watson				
Driller/Traince Signature Jan Wather	Cased or Uncased	Diameter 2 ¹¹	Sta	tic Level
Driller/Trainee License No. 3203				
	Work/Decommis	sion Start Date	- 30-17	
If traince, licensed drillers'			13	
Signature and License No.	Work/Decommis	sion Completed Date	8-30-17	
Construction/Design We	Il Data 103-1	7-1371	Formation Descrip	otion
DEPT OF ECOLO CLIENT WELL II	Bent Gr REQUIREI (Must get on	INFORMATIO le or both if available)		FT
DEPTH OF BORING	28'	FT		

(SUBMIT ONE WELL REPORT PER WELL	INSTALLED)		Notice of	Intent No.	AE ⁴	14817
Construction/Decommission			Ту	pe of Well		
Construction			X	Resource I	Protection	
X Decommission ORIGINAL INSTALLATIO	N Notice			Geotechnic	cal Soil Boring	
of Intent Number		Property Owne	er		Vhite Birch	
C . W F:		Site Address	P93		Taylor Way	D:
Consulting Firm Pacific En	vironmental	City	Tacoma		County	Pierce EWM
Unique Ecology Well ID Tag No.		Location	1/4 <u>NW</u> 1/4	NE Sec _	35_twn_21N_r	
WELL CONSTRUCTION CERTIFICATION I constructed and	Vor accept responsibility for	Lat/Long (s,t,r	Lat Deg	n/a	Lat Min/Sec	n/a
construction of this well, and its compliance with all Washington	well construction standards	still Required)	Long Deg	n/a	Long Min/Sec	n/a
Materials used and the information reported above are true to my	best knowledge and belief	Tax Parcel No.		032	213561042	
	Watson	Cased or Uncased	I.D.:	211	Panal	
Driller/Trainee Signature Driller/Trainee License No.	3203	- Cased or Uncased	1 Diameter	1	Stati	c Level
Diffici Traffice Dicense No.	3203	Work/Decommi	sion Start Date	8-3	0:17	
If traince, licensed drillers'						
Signature and License No.		Work/Decomini	sion Completed I	Date 8-	30-17	
Construction/Design	W	- ell Data 103-1	7-1371	Fr	ormation Descript	ion
	CONCRETE SUF	56' Bent. Gr		0	-	FT
			D INFORM			
		(Must get of	ne or both if av	allable)		
	DEPT OF ECOLO		G#: <u>F</u>	3HS-	240	-
	DEPTH OF BORING	56	FT			
Scale 1" =		Page	of		ECY 050-1	2 (Rec=v 2/01)

(SUBMIT ONE WELL REPORT	PER WELL INSTALLED)		Notice of	NT Intent No.	AE44817
Construction/Decommission			Ty_{I}	oe of Well	
Construction			X	Resource Protection	
X Decommission ORIGINAL II	NSTALLATION Notice			Geotechnical Soil Bor	ing
of Intent Ni	mber	Property Own	er	White Birch	
Consulting Firm	Donific Francisco	Site Address	Tacoma	2116 Taylor Wa	Pierce
Consuming Pillin	Pacific Environmental	_ City	Tacoma	County	EWM
Unique Ecology Well ID Tag No.		Location	1/4 <u>NW</u> 1/4	NE Sec 35 TWN 2	<u></u>
WELL CONSTRUCTION CERTIFICATION	I Constructed and/or accept responsibility for	Lat/Long (s,t,r		n/a Lat Min	/Secn/a
construction of this well, and its compliance v	with all Washington well construction standards	still Required)	Long Deg	n/a Long M	in/Sec <u>n/n</u>
	above are true to my best knowledge and belief	Tax Parcel No.		03213561042	
X Driller Trainee Name (Print)	Tim Watson			2"	
Driller/Traince Signature	mi Waxa	Cased or Unease	d Diameter		Static Level _
Driller/Trainee License No.	3203	Work/Decomm	ision Start Date	8-30-	17
If traince, licensed drillers'				77.70	
Signature and License No.		Work/Decomm	ision Completed D	ate <u>8-30</u>	<u> - /7 </u>
Construction/Desi	gn W	ے ell Data 103-1/	17-1371	Formation De	escription
	BACKFILL DEPT OF ECOL CLIENT WELL	Bent. Gy REQUIRE (Must get of	D INFORM ne or both if ava		FT FT
	DEPTH OF BORIN		FT		

(SUBMIT ONE WELL REPORT PER WELL	L INST (LLED)		Notice of	Intent No.	AE4	14817
Construction/Decommission			Ту	pe of Well		
Construction			X	Resource Pro	otection	
X Decommission ORIGINAL INSTALLATION	ON Notice			Geotechnica		
of Intent Number		Property Own		4	hite Birch	
		Site Address			aylor Way	T) *
Consulting Firm Pacific E	Environmental	City	Tacoma		ounty	Pierce EWM
Unique Ecology Well ID Tag No.		Location	1/4 <u>NW</u> 1/4	NE Sec 35	5_TWN_21N_R	
WELL CONSTRUCTION CERTIFICATION I constructed a		Lat/Long (s,t,r	Lat Deg	n/a	Lat Min/Sec	n/a
construction of this well, and its compliance with all Washings	on well construction standards	still Required)	Long Deg	n/a	Long Min/Sec	n/a
Materials used and the information reported above are true to	my best knowledge and belief	Tax Parcel No.		0321	3561042	
	Watson	_				
Driller/Traince Signature	3202	Cased or Uncase	d Diameter	-6	Stati	ic Level
Driller/Trainee License No.	3203	Work/Decommi	ision Start Date	8-30	-17	
If traince, licensed drillers'						
Signature and License No.		Work/Decommi	sion Completed I	Date <u>8-</u>	30-17	
Construction/Design	V	교 Vell Data 103-1	7-1371	For	mation Descript	tion
Construction/Design	<u></u>	Ven Data 103-1	7-1371	1011	nation Descript	1011
	CONCRETE SU	RFACE SEAL	FT	0 -	-	FT
	— BACKFILL		 D INFORM			FT
,	<u> </u>	(Must get o	ne or both if av	/ailable)		
	DEPT OF ECOL		.G#: <u>∃</u>	3HB - 4	99	-
	DEPTH OF BORIN	1G _ 28°	FT			
Scale 1" =		Page	of		ECY 050-1	12 (Rec=v 2/01)