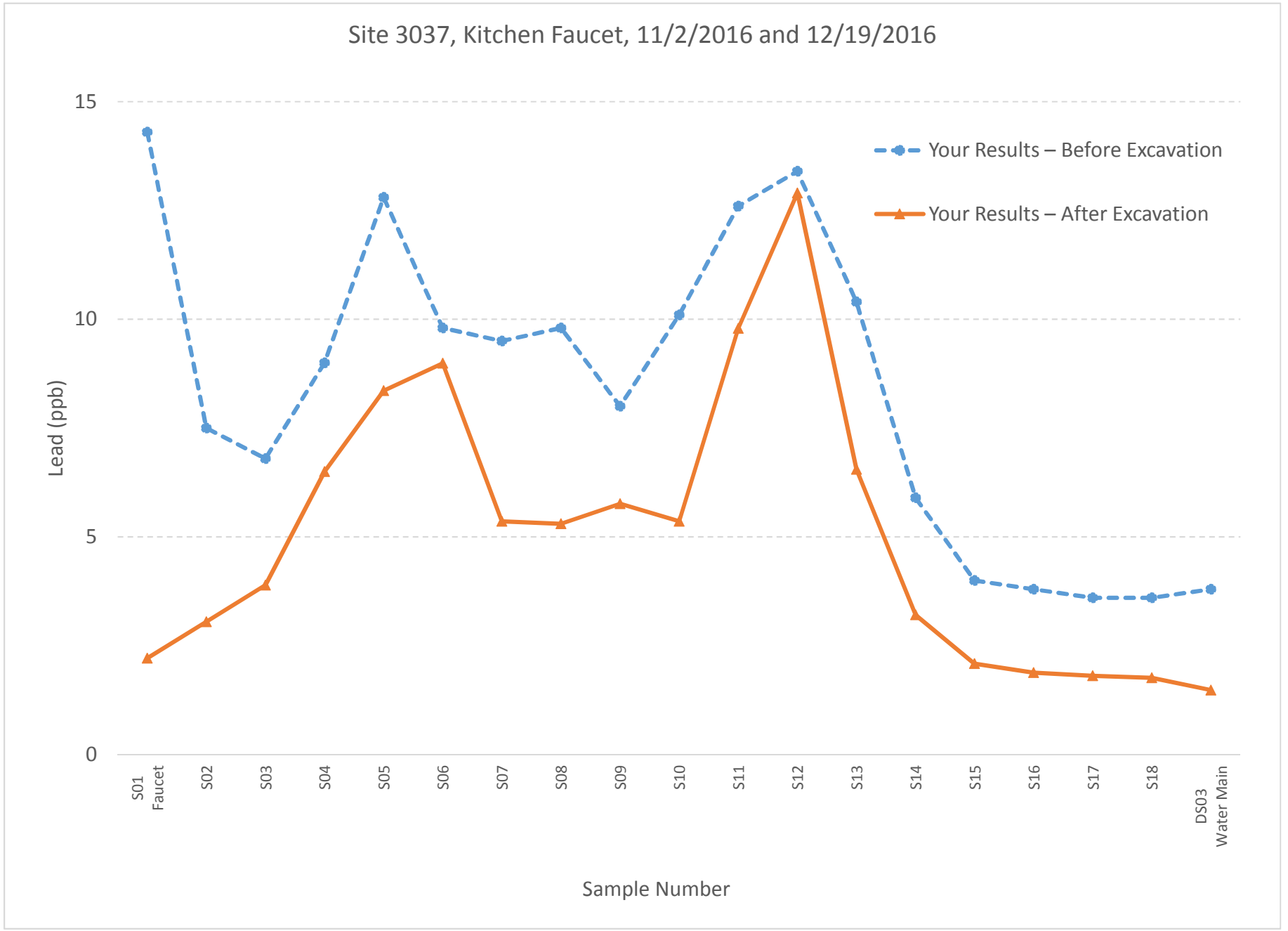

Site 3037, Kitchen Faucet, 11/2/2016 and 12/19/2016
15
10
5
0
Lead (ppb)
Your Results – Before Excavation
Your Results – After Excavation
S01 Faucet
S02
S03
S04
S05
S06
S07
S08
S09
S10
S11
S12
S13
S14
S15
S16
S17
S18
DS03 Water Main
Sample Number

Site 3037 -- Kitchen Sink Faucet
Sequential Sampling by U.S. EPA
Final Analytical Results

Parameter	Units	Your Results - Before Excavation on 11/2/2016																		Comparison Standards			
		S01	S02	S03	S04	S05	S06	S07	S08	S09	S10	S11	S12	S13	S14	S15	S16	S17	S18	DS01, DS02, DS03	Maximum Contaminant Level (MCL)	Action Level (AL)	Maximum Contaminant Level Goal (MCLG)	Secondary MCL
		Faucet	Under Sink																					
		1st sample (125 mL)	2nd sample (125 mL)	3rd sample (1 liter)	4th sample (1 liter)	5th sample (1 liter)	6th sample (1 liter)	7th sample (1 liter)	8th sample (1 liter)	9th sample (1 liter)	10th sample (1 liter)	11th sample (1 liter)	12th sample (1 liter)	13th sample (1 liter)	14th sample (1 liter)	15th sample (1 liter)	16th sample (1 liter)	17th sample (1 liter)	18th sample (1 liter)	Distribution System				
Cadmium	µg/L	0.31	0.37	0.22	0.08 J	0.07 J	0.05 J	0.05 J	0.05 J	0.05 J	0.04 J	0.03 J	0.04 J	0.03 J	0.03 J	0.05 J	0.03 J	0.03 J	0.03 J	0.03 J	5	--	5	--
Chromium	µg/L	0.52 J	0.53 J	0.51 J	0.52 J	0.42 U	0.53 J	0.54 J	0.55 J	0.57 J	0.57 J	0.59 J	0.60 J	0.59 J	0.64 J	0.60 J	0.62 J	0.60 J	0.63 J	0.63 J	100	--	100	--
Copper	µg/L	1.3	1.0 J	1.0	1.1	1.3	1.7	1.3	0.96 J	1.1	1.5	1.2	1.1	1.0	0.92 J	0.86 J	0.80 J	0.80 J	0.85 J	0.93 J	--	1300	1300	1000
Lead	µg/L	14.3	7.5	6.8	9.0	12.8	9.8	9.5	9.8	8.0	10.1	12.6	13.4	10.4	5.9	4.0	3.8	3.6	3.6	3.8	--	15	0	--
Manganese	µg/L	7.5	3.9	2.0	1.6	2.1	2.1	2.2	2.1	1.6	1.1	0.84 J	0.84 J	0.94 J	1.1	1.0 J	1.1	1.1	1.0	1.2	--	--	--	50
Nickel	µg/L	1.2	0.61	0.79	0.65	0.69	0.74	0.72	0.69	0.67	0.74	0.71	0.82	0.80	0.84	0.76	0.64	0.66	0.72	0.70	--	--	--	--
Tin	µg/L	0.08 J	1 U	1 U	0.1 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	--	--	--	--
Zinc	µg/L	200	196	119	46.1	46.3	50.5	48.7	41.8	36.1	30.1	25.0	26.3	20.9	22.3	20.1	20.4	19.3	18.7	19.6	--	--	--	5000
Aluminum	mg/L	0.0963	0.129	0.106	0.0869	0.0858	0.0825	0.0778	0.0796	0.0763	0.0775	0.0764	0.0760	0.0744	0.0754	0.0737	0.0746	0.0731	0.0766	0.0737	--	--	--	0.05 to 0.2
Calcium	mg/L	33.8	34.0	34.9	34.6	35.1	34.3	34.4	33.8	34.5	34.5	34.5	33.8	33.4	34.0	34.0	33.6	34.6	34.6	34.6	--	--	--	--
Iron	mg/L	0.494	0.636	0.350	0.117	0.162	0.124	0.112	0.114	0.0537 J	0.0594 J	0.0255 J	0.0579 J	0.0394 J	0.0156 U	0.0321 J	0.0302 J	0.0349 J	0.0296 J	0.0432 J	--	--	--	0.3
Magnesium	mg/L	12.2	12.1	12.3	12.1	12.3	12.2	12.3	12.0	12.3	12.4	12.3	12.0	11.9	12.1	12.2	12.0	12.4	12.3	12.3	--	--	--	--
Potassium	mg/L	1.76	1.73	1.82	1.81	1.81	1.82	1.78	1.76	1.84	1.81	1.83	1.79	1.72	1.73	1.84	1.73	1.81	1.79	1.81	--	--	--	--
Sodium	mg/L	11.9	11.8	12.2	12.0	12.2	11.9	12.1	11.8	12.1	12.1	12.1	11.9	11.7	11.6	12.0	11.7	12.1	12.1	12.0	--	--	--	--
Total Alkalinity	mg CaCO3/L	Not Sampled																		105	--	--	--	--
Chloride	mg/L	Not Sampled																		17.5	--	--	--	250
Fluoride	mg/L	Not Sampled																		0.137	4	--	4	2
Sulfate as SO4	mg/L	Not Sampled																		27.3	--	--	--	250
Total Phosphorus	mg/L	Not Sampled																		0.130	--	--	--	--

Notes:
mg/L = milligrams per liter (also called ppm or parts per million)
µg/L = micrograms per liter (also called ppb or parts per billion)
(U) = Not detected above the listed reporting limit
(J) = Estimated

Maximum Contaminant Level (MCL) = The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology and taking cost into consideration. MCLs are enforceable standards.

Maximum Contaminant Level Goal (MCLG) = The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals.
Action Level (AL) = The Action level of 15 ppb (for the 90th percentile of compliance samples) is based on technical feasibility of reducing lead in drinking water through optimizing corrosion control. It is not a health based level.

Secondary MCL = non-mandatory water quality standards established only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor. These contaminants are not considered to present a risk to human health at the SMCL.

Method Detection Limit (MDL) indicates the level at which the laboratory has high confidence that the analyte is PRESENT in the sample but low confidence in the numerical result. MDLs are routinely reassessed by each laboratory to ensure the accurate presentation of their data.

Reporting Limit (RL) is set by individual laboratories to ensure confidence in the precision and accuracy of the reported numerical result for the analyte. Any results reported below the RL (but above the MDL) are estimated; this is generally indicated by a "J" qualifier after the number.

Site 3037 -- Kitchen Sink Faucet
Sequential Sampling by U.S. EPA
Final Analytical Results

Parameter	Units	Your Results - After Excavation on 12/19/2016																		Comparison Standards			
		S01	S02	S03	S04	S05	S06	S07	S08	S09	S10	S11	S12	S13	S14	S15	S16	S17	S18	DS01, DS02, DS03	Maximum Contaminant Level (MCL)	Action Level (AL)	Maximum Contaminant Level Goal (MCLG)	Secondary MCL
		Faucet	Under Sink																					
		1st sample (125 mL)	2nd sample (125 mL)	3rd sample (1 liter)	4th sample (1 liter)	5th sample (1 liter)	6th sample (1 liter)	7th sample (1 liter)	8th sample (1 liter)	9th sample (1 liter)	10th sample (1 liter)	11th sample (1 liter)	12th sample (1 liter)	13th sample (1 liter)	14th sample (1 liter)	15th sample (1 liter)	16th sample (1 liter)	17th sample (1 liter)	18th sample (1 liter)	Distribution System				
Cadmium	µg/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	5	--	5	--
Chromium	µg/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	100	--	100	--
Copper	µg/L	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.73	1.27 K	1.00 U	1.04 K	1.00 U	1.00 K	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	1.00 U	--	1300	1300	1000
Lead	µg/L	2.21	3.05	3.89	6.50	8.36	8.99	5.36	5.30	5.76	5.36	9.79	12.9	6.55	3.21	2.09	1.88	1.81	1.76	1.48	--	15	0	--
Zinc	µg/L	149	144	73.3	34.4	28.6	34.3	36.7	32.3	33.7	30.8	24.0	16.8	15.1 K	20.8	14.7 K	13.6 K	13.4 K	13.0 K	10.0 U	--	--	--	5000
Manganese	µg/L	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	8 U	--	--	--	50
Nickel	µg/L	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	12 U	--	--	--	--
Aluminum	mg/L	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	0.200 U	--	--	--	0.05 to 0.2
Calcium	mg/L	34.8	35.0	35.1	36.1	35.6	34.6	34.5	35.0	34.6	34.6	34.3	34.8	34.5	34.5	34.6	34.8	34.5	34.8	35.0	--	--	--	--
Iron	mg/L	0.0800 U	0.0800 U	0.0800 U	0.0800 U	0.0816	0.102	0.0800 U	0.0807	0.101	0.0800 U	0.0800 U	0.0800 U	0.0800 U	0.0800 U	0.0800 U	0.0800 U	0.0800 U	0.0800 U	0.0800 U	--	--	--	0.3
Magnesium	mg/L	11.9	11.9	11.6	11.4	11.5	11.5	11.8	11.9	11.8	11.7	11.7	11.9	11.8	11.8	11.8	11.8	11.7	11.9	12.0	--	--	--	--
Potassium	mg/L	1.65	1.65	1.69	1.79	1.75	1.66	1.64	1.66	1.65	1.65	1.64	1.64	1.62	1.64	1.63	1.63	1.64	1.64	1.67	--	--	--	--
Sodium	mg/L	10.6	10.6	10.6	10.8	10.7	10.4	10.5	10.7	10.6	10.6	10.5	10.6	10.6	10.5	10.6	10.6	10.5	10.6	10.7	--	--	--	--
Tin	mg/L	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	0.0200 U	--	--	--	--
Total Alkalinity	mg CaCO3/L	Not Sampled																		100	--	--	--	--
Chloride	mg/L	Not Sampled																		17.3	--	--	--	250
Fluoride	mg/L	Not Sampled																		0.09	4	--	4	2
Sulfate as SO4	mg/L	Not Sampled																		29.8	--	--	--	250
Total Phosphorus	mg/L	Not Sampled																		0.15 U	--	--	--	--

Notes:
mg/L = milligrams per liter (also called ppm or parts per million)
µg/L = micrograms per liter (also called ppb or parts per billion)
(U) = Not detected above the listed reporting limit
(J) = Estimated
K = Potential high bias (based on laboratory quality checks, the actual value may be slightly lower than what is reported here).
L = Potential low bias (based on laboratory quality checks, the actual value may be slightly higher than what is reported here).

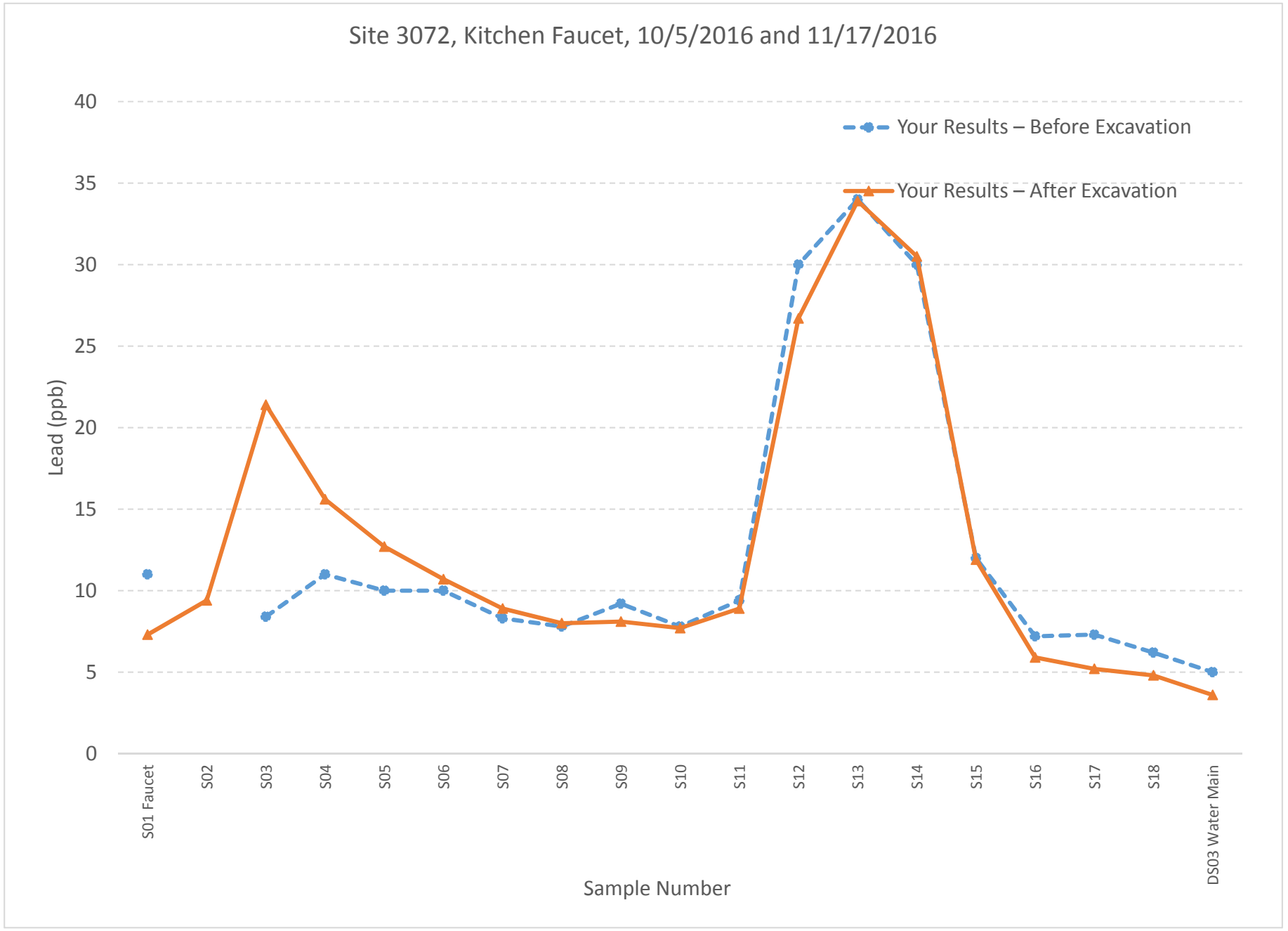
Maximum Contaminant Level (MCL) = The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology and taking cost into consideration. MCLs are enforceable standards.

Maximum Contaminant Level Goal (MCLG) = The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals.
Action Level (AL) = The Action level of 15 ppb (for the 90th percentile of compliance samples) is based on technical feasibility of reducing lead in drinking water through optimizing corrosion control. It is not a health based level.

Secondary MCL = non-mandatory water quality standards established only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor. These contaminants are not considered to present a risk to human health at the SMCL.

Method Detection Limit (MDL) indicates the level at which the laboratory has high confidence that the analyte is PRESENT in the sample but low confidence in the numerical result. MDLs are routinely reassessed by each laboratory to ensure the accurate presentation of their data.

Reporting Limit (RL) is set by individual laboratories to ensure confidence in the precision and accuracy of the reported numerical result for the analyte. Any results reported below the RL (but above the MDL) are estimated; this is generally indicated by a “J” qualifier after the number.


Site 3072, Kitchen Faucet, 10/5/2016 and 11/17/2016
Your Results – Before Excavation
Your Results – After Excavation
Lead (ppb)
40
35
30
25
20
15
10
5
0
S01 Faucet
S02
S03
S04
S05
S06
S07
S08
S09
S10
S11
S12
S13
S14
S15
S16
S17
S18
DS03 Water Main
Sample Number

Site 3072 -- Kitchen Sink Faucet
Sequential Sampling by U.S. EPA
Final Analytical Results

Parameter	Units	Your Results - Before Excavation on 10/5/2016																	Comparison Standards			
		S01 / S02	S03	S04	S05	S06	S07	S08	S09	S10	S11	S12	S13	S14	S15	S16	S17	S18	DS01, DS02, DS03	Maximum Contaminant Level (MCL)	Action Level (AL)	Maximum Contaminant Level Goal (MCLG)	Secondary MCL
		Faucet and Under Sink																	Distribution System				
		1st sample (250 mL)	2nd sample (1 liter)	3rd sample (1 liter)	4th sample (1 liter)	5th sample (1 liter)	6th sample (1 liter)	7th sample (1 liter)	8th sample (1 liter)	9th sample (1 liter)	10th sample (1 liter)	11th sample (1 liter)	12th sample (1 liter)	13th sample (1 liter)	14th sample (1 liter)	15th sample (1 liter)	16th sample (1 liter)	17th sample (1 liter)					
Cadmium	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	1.2 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5	--	5	--
Chromium	µg/L	3.1 U	2.5 U	2.5 U	2.6 U	2.6 U	2.8 U	2.6 U	3.2 U	3.6 U	2.6 U	2.6 U	2.5 U	3.8 U	2.8 U	2.7 U	3.1 U	2.9 U	2.8 U	100	--	100	--
Copper	µg/L	6.6 J	1.4 J	1.5 J	1.5 J	2.5 J	10 U	10 U	10 U	10 U	10 U	1.6 J	10 U	3.0 U	1.5 J	10 U	1.4 J	10 U	10 U	--	1300	1300	1000
Lead	µg/L	11	8.4	11	10	10	8.3	7.8	9.2 J-	7.8 J-	9.4	30	34	30	12	7.2	7.3	6.2	5.0	--	15	0	--
Manganese	µg/L	4.5	3.5 J	2.7 J	2.8 J	2.0 J	3.4 J	1.9 J	2.2 J	2.3 J	1.9 J	1.9 J	1.8 J	3.8 J	4.3	3.9 J	3.5 J	3.1 J	3.0 J	--	--	--	50
Nickel	µg/L	1.9 U	1.4 U	1.4 U	1.5 U	1.5 U	1.6 U	1.5 U	1.7 U	1.8 U	1.5 U	1.5 U	1.5 U	2.8 U	1.6 U	1.6 U	1.8 U	1.6 U	1.6 U	--	--	--	--
Zinc	µg/L	200	63	33	35	28	27	29	27	25	22	19 J	15 J	17 J	19 J	14 J	16 J	16 J	11 J	--	--	--	5000
Aluminum	mg/L	0.12 J-	0.11 J-	0.12 J-	0.13 J-	0.12 J-	0.12 J-	0.12 J-	0.13 J-	0.12 J-	0.11 J-	0.12 J-	0.12 J-	0.12 J-	0.12 J-	0.11 J-	0.11 J-	0.10 J-	0.10 J-	--	--	--	0.05 to 0.2
Calcium	mg/L	36 J	34 J	34 J	36 J	36 J	34 J	34 J	36 J	34 J	31 J	35 J	34 J	36 J	36 J	34 J	36 J	33 J	33 J	--	--	--	--
Iron	mg/L	0.14 J-	0.077 U	0.087 U	0.089 U	0.089 U	0.076 U	0.081 U	0.095 U	0.083 U	0.078 U	0.078 U	0.065 U	0.071 U	0.095 U	0.21 J-	0.10 J-	0.089 U	0.093 U	--	--	--	0.3
Magnesium	mg/L	13 J-	12 J-	12 J-	13 J-	13 J-	13 J-	13 J-	12 J-	12 J-	12 J-	13 J-	12 J-	13 J-	13 J-	13 J-	13 J-	12 J-	12 J-	--	--	--	--
Potassium	mg/L	1.8	1.7	1.7	1.7	1.8	1.7	1.7	1.9	1.7	1.5	1.7	1.7	1.8	1.8	1.7	1.8	1.6	1.6	--	--	--	--
Sodium	mg/L	11 J	11 J	11 J	11 J	11 J	11 J	11 J	11 J+	11 J+	10 J	11 J	11 J	11 J	11 J	11 J	11 J	10 J	11 J	--	--	--	--
Tin	mg/L	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	--	--	--	--
Total Alkalinity	mg CaCO3/L	Not Sampled																	120	--	--	--	--
Chloride	mg/L	Not Sampled																	3.0	--	--	--	250
Fluoride	mg/L	Not Sampled																	0.50 U	4	--	4	2
Sulfate as SO4	mg/L	Not Sampled																	32.3 J	--	--	--	250
Total Phosphorus	mg/L	Not Sampled																	0.050 U	--	--	--	--

Notes:
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Site 3072 -- Kitchen Sink Faucet
Sequential Sampling by U.S. EPA
Final Analytical Results

Parameter	Units	Your Results - After Excavation on 11/17/2016																		Comparison Standards			
		S01	S02	S03	S04	S05	S06	S07	S08	S09	S10	S11	S12	S13	S14	S15	S16	S17	S18	DS01, DS02, DS03	Maximum Contaminant Level (MCL)	Action Level (AL)	Maximum Contaminant Level Goal (MCLG)	Secondary MCL
		Faucet	Under Sink																					
		1st sample (125 mL)	2nd sample (125 mL)	3rd sample (1 liter)	4th sample (1 liter)	5th sample (1 liter)	6th sample (1 liter)	7th sample (1 liter)	8th sample (1 liter)	9th sample (1 liter)	10th sample (1 liter)	11th sample (1 liter)	12th sample (1 liter)	13th sample (1 liter)	14th sample (1 liter)	15th sample (1 liter)	16th sample (1 liter)	17th sample (1 liter)	18th sample (1 liter)	Distribution System				
Cadmium	µg/L	0.07 J	0.15 J	0.09 J	0.04 J	0.03 J	0.03 J	0.03 J	0.20 U	0.02 J	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	5	--	5	--
Chromium	µg/L	0.80 U	0.78 U	0.84 U	0.76 U	0.85 U	0.78 U	0.83 U	0.87 U	0.82 U	0.78 U	0.79 U	0.81 U	0.86 U	0.83 U	0.86 U	0.85 U	0.85 U	0.87 U	0.88 U	100	--	100	--
Copper	µg/L	17.6 J	1.4 J	11.1 J	5.5 J	3.7 J	3.6 J	2.3 J	2.0 J	1.7 J	1.4 J	1.4 J	1.5 J	1.6 J	1.3 J	1.3 J	1.1 J	1.1 J	1.0 J	0.65 U	--	1300	1300	1000
Lead	µg/L	7.3	9.4	21.4	15.6	12.7	10.7	8.9	8.0	8.1	7.7	8.9	26.7	33.9	30.5	11.9	5.9	5.2	4.8	3.6	--	15	0	--
Manganese	µg/L	3.2	2.4	3.6	2.1	1.7	1.5	1.6	1.7	1.5	1.5	1.4	1.4	1.2	1.4	2.2	2.6	2.8	2.6	2.3	--	--	--	50
Nickel	µg/L	12.3	1.1	0.81	0.79	0.73	1.10	0.63	0.82	0.75	0.62	0.61	0.58	0.75	0.58	0.63	0.80	0.64	0.67	0.68	--	--	--	--
Tin	µg/L	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.23 U	1.0 U	1.0 U	0.14 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	--	--	--
Zinc	µg/L	365 J	176 J	161 J	41.9 J	37.7 J	28.2 J	28.7 J	29.8 J	27.9 J	24.2 J	22.0 J	16.4 J	13.4 J	14.8 J	13.6 J	13.7 J	14.0 J	12.2 J	8.7 J	--	--	--	5000
Aluminum	mg/L	0.0595 J	0.0776 J	0.0921 J	0.0906 J	0.0851 J	0.0774 J	0.0825 J	0.0791 J	0.0831 J	0.0779 J	0.0763 J	0.0782 J	0.0752 J	0.0780 J	0.0728 J	0.0698 J	0.0700 J	0.0671 J	0.0621 J	--	--	--	0.05 to 0.2
Calcium	mg/L	34.7	34.0	34.7	35.0	34.5	34.3	34.6	34.2	34.4	34.6	34.8	34.4	34.6	34.6	34.7	34.9	35.1	35.7	35.3	--	--	--	--
Iron	mg/L	0.108	0.0899 J	0.286	0.150	0.111	0.116	0.0926 J	0.105	0.0969 J	0.0725 J	0.0777 J	0.0744 J	0.0746 J	0.0724 J	0.0889 J	0.0912 J	0.0912 J	0.0882 J	0.0956 J	--	--	--	0.3
Magnesium	mg/L	12.2	11.8	11.9	11.9	11.9	12.0	12.1	11.9	12.0	12.1	12.2	12.0	12.1	12.0	12.1	12.2	12.2	12.4	12.3	--	--	--	--
Potassium	mg/L	1.59	1.56	1.54	1.52	1.50	1.53	1.48	1.47	1.56	1.49	1.53	1.46	1.52	1.51	1.49	1.52	1.51	1.51	1.5	--	--	--	--
Sodium	mg/L	11.1	10.9	10.6	10.7	10.6	10.6	10.6	10.6	10.7	10.6	10.8	10.6	10.6	10.6	10.6	10.8	10.8	10.8	10.7	--	--	--	--
Total Alkalinity	mg/L	Not Sampled																		101	--	--	--	--
Chloride	mg/L	Not Sampled																		17.5	--	--	--	250
Fluoride	mg/L	Not Sampled																		0.120	4	--	4	2
Sulfate as SO4	mg/L	Not Sampled																		28.5	--	--	--	250
Total Phosphorus	mg/L	Not Sampled																		0.131	--	--	--	--

Notes:
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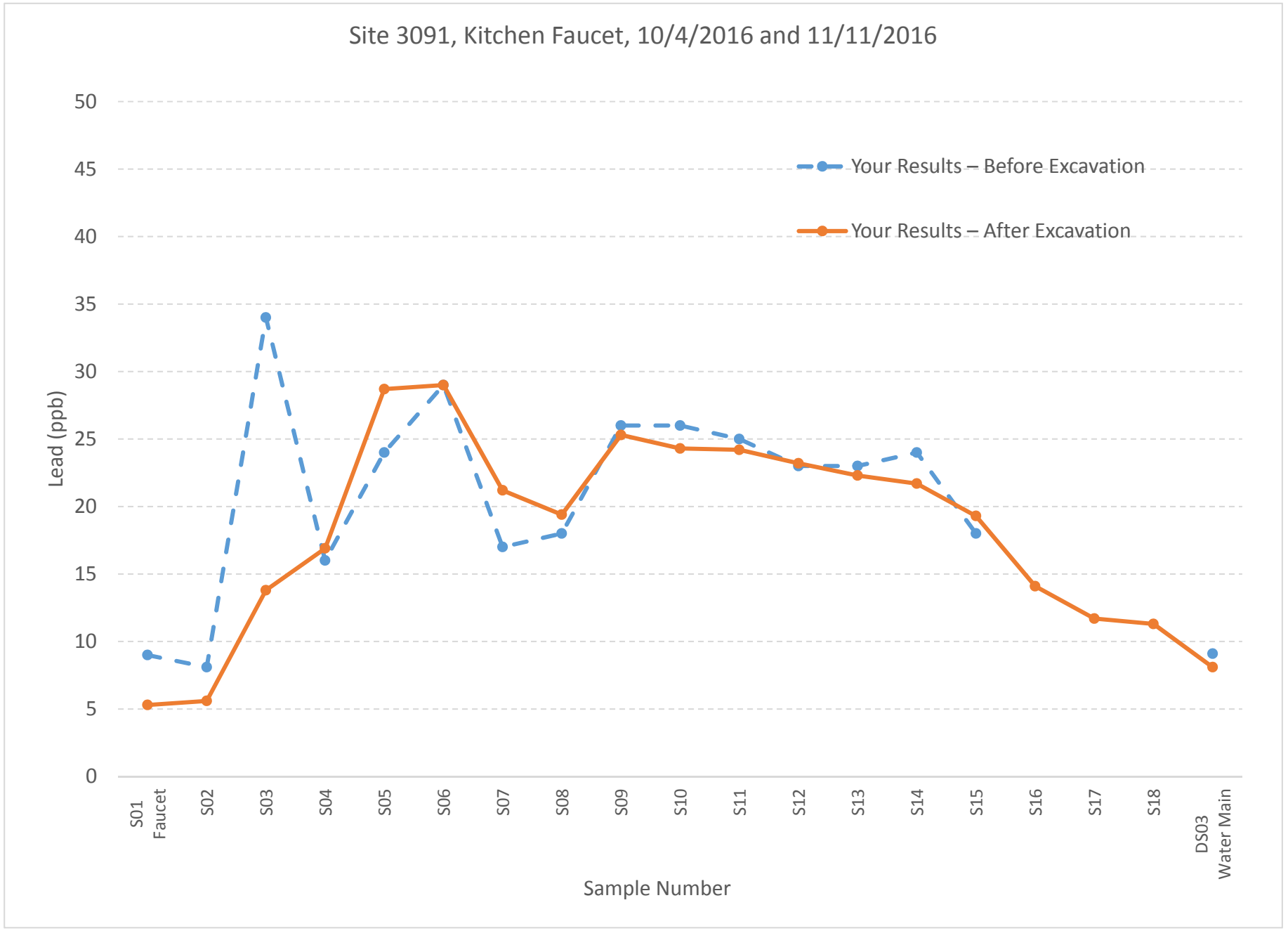
µg/L = micrograms per liter (also called ppb or parts per billion)
(U) = Not detected above the listed reporting limit
(J) = Estimated
(J+) = Potential high bias (based on laboratory quality checks, the actual value may be slightly lower than what is reported here).
(J-) = Potential low bias (based on laboratory quality checks, the actual value may be slightly higher than what is reported here).
Maximum Contaminant Level (MCL) = The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology and taking cost into consideration. MCLs are enforceable standards.
Maximum Contaminant Level Goal (MCLG) = The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals.
Action Level (AL) = The Action level of 15 ppb (for the 90th percentile of compliance samples) is based on technical feasibility of reducing lead in drinking water through optimizing corrosion control. It is not a health based level.

Secondary MCL = non-mandatory water quality standards established only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor. These contaminants are not considered to present a risk to human health at the SMCL.

Method Detection Limit (MDL) indicates the level at which the laboratory has high confidence that the analyte is PRESENT in the sample but low confidence in the numerical result. MDLs are routinely reassessed by each laboratory to ensure the accurate presentation of their data.

Reporting Limit (RL) is set by individual laboratories to ensure confidence in the precision and accuracy of the reported numerical result for the analyte. Any results reported below the RL (but above the MDL) are estimated; this is generally indicated by a “J” qualifier after the number.


Site 3091, Kitchen Faucet, 10/4/2016 and 11/11/2016
Your Results – Before Excavation
Your Results – After Excavation
Lead (ppb)
50
45
40
35
30
25
20
15
10
5
0
S01 Faucet
S02
S03
S04
S05
S06
S07
S08
S09
S10
S11
S12
S13
S14
S15
S16
S17
S18
DS03 Water Main
Sample Number

Site 3091 -- Kitchen Sink Faucet
Sequential Sampling by U.S. EPA
Final Analytical Results

Parameter	Units	Your Results - Before Excavation on 10/4/2016																Comparison Standards			
		S01	S02	S03	S04	S05	S06	S07	S08	S09	S10	S11	S12	S13	S14	S15	DS01, DS02, DS03	Maximum Contaminant Level (MCL)	Action Level (AL)	Maximum Contaminant Level Goal (MCLG)	Secondary MCL
		Faucet	Under Sink														Distribution System				
		1st sample (125 mL)	2nd sample (125 mL)	3rd sample (1 liter)	4th sample (1 liter)	5th sample (1 liter)	6th sample (1 liter)	7th sample (1 liter)	8th sample (1 liter)	9th sample (1 liter)	10th sample (1 liter)	11th sample (1 liter)	12th sample (1 liter)	13th sample (1 liter)	14th sample (1 liter)	15th sample (1 liter)					
Cadmium	µg/L	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	0.62 J	2.0 U	5	--	5	--
Chromium	µg/L	2.8 U	3.2 U	3.1 U	3.3 U	3.0 U	3.1 U	2.9 U	3.2 U	3.0 U	3.2 U	3.3 U	3.1 U	3.1 U	3.1 U	3.5 U	2.4 U	100	--	100	--
Copper	µg/L	91	18	100	6.5 J	5.3 J	4.7 J	4.3 J	4.9 J	4.8 J	440	5.8 J	4.6 J	3.7 J	3.5 J	4.0 J	2.8 J	--	1300	1300	1000
Lead	µg/L	9.0	8.1	34	16	24	29	17	18	26	26	25	23	23	24	18	9.1	--	15	0	--
Manganese	µg/L	3.6 J	2.5 J	6.5	2.7 J	1.9 J	2.4 J	1.6 J	1.4 J	1.1 J	1.1 J	1.2 U	1.1 J	0.98 J	2.4 J	1.6 J	1.5 J	--	--	--	50
Nickel	µg/L	5.3	2.1 U	2.8 U	2.1 U	1.9 U	2.0 U	1.9 U	2.0 U	2.1 U	2.1 U	2.0 U	1.9 U	1.8 U	1.9 U	2.3 U	1.8 U	--	--	--	--
Zinc	µg/L	290	120	160	65	34	32	31	25	20	22	26	19 J	25	19 J	19 J	15 J	--	--	--	5000
Aluminum	mg/L	0.077 J-	0.10 J-	0.13 J-	0.13 J-	0.12 J-	0.12 J-	0.11 J-	0.11 J-	0.11 J-	0.11 J-	0.11 J-	0.11 J-	0.11 J-	0.11 J-	0.10 J-	0.097 J-	--	--	--	0.05 to 0.2
Calcium	mg/L	34 J	35 J	36 J	39 J	35 J	37 J	36 J	35 J	35 J	36 J	34 J	35 J	35 J	36 J	36 J	36 J	--	--	--	--
Iron	mg/L	0.085 U	0.067 U	0.29 J-	0.12 J-	0.11 J-	0.13 J-	0.055 U	0.044 U	0.030 U	0.030 U	0.070 U	0.035 U	0.028 U	0.28 J-	0.032 U	0.046 U	--	--	--	0.3
Magnesium	mg/L	12 J-	12 J-	13 J-	14 J-	12 J-	13 J-	13 J-	13 J-	12 J-	13 J-	13 J-	13 J-	13 J-	13 J-	13 J-	13 J-	--	--	--	--
Potassium	mg/L	1.6	1.7	1.8	1.9	1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	--	--	--	--
Sodium	mg/L	10 J	11 J	11 J	12 J	11 J	11 J	11 J	11 J	11 J	11 J	11 J	11 J	11 J	11 J	11 J	11 J	--	--	--	--
Tin	mg/L	0.0020 J	0.020 U	0.086	0.0018 J	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	--	--	--	--
Total Alkalinity	mg CaCO3/L	Not Sampled															120	--	--	--	--
Chloride	mg/L	Not Sampled															5.0	--	--	--	250
Fluoride	mg/L	Not Sampled															0.50 U	4	--	4	2
Sulfate as SO4	mg/L	Not Sampled															40.5 J	--	--	--	250
Total Phosphorus	mg/L	Not Sampled															0.050 U	--	--	--	--

Notes:
mg/L = milligrams per liter (also called ppm or parts per million)
µg/L = micrograms per liter (also called ppb or parts per billion)
(U) = Not detected above the listed reporting limit
(J) = Estimated
(J+) = Potential high bias (based on laboratory quality checks, the actual value may be slightly lower than what is reported here).
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Maximum Contaminant Level (MCL) = The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology and taking cost into consideration. MCLs are enforceable standards.

Maximum Contaminant Level Goal (MCLG) = The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals.
Action Level (AL) = The Action level of 15 ppb (for the 90th percentile of compliance samples) is based on technical feasibility of reducing lead in drinking water through optimizing corrosion control. It is not a health based level.
Secondary MCL = non-mandatory water quality standards established only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor. These contaminants are not considered to present a risk to human health at the SMCL.
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Reporting Limit (RL) is set by individual laboratories to ensure confidence in the precision and accuracy of the reported numerical result for the analyte. Any results reported below the RL (but above the MDL) are estimated; this is generally indicated by a "J" qualifier after the number.

Site 3091 -- Kitchen Sink Faucet
Sequential Sampling by U.S. EPA
Final Analytical Results

Parameter	Units	Your Results - After Excavation on 11/11/2016																		Comparison Standards			
		S01	S02	S03	S04	S05	S06	S07	S08	S09	S10	S11	S12	S13	S14	S15	S16	S17	S18	DS01, DS02, DS03	Maximum Contaminant Level (MCL)	Action Level (AL)	Maximum Contaminant Level Goal (MCLG)	Secondary MCL
		Faucet	Under Sink																					
		1st sample (125 mL)	2nd sample (125 mL)	3rd sample (1 liter)	4th sample (1 liter)	5th sample (1 liter)	6th sample (1 liter)	7th sample (1 liter)	8th sample (1 liter)	9th sample (1 liter)	10th sample (1 liter)	11th sample (1 liter)	12th sample (1 liter)	13th sample (1 liter)	14th sample (1 liter)	15th sample (1 liter)	16th sample (1 liter)	17th sample (1 liter)	18th sample (1 liter)	Distribution System				
Cadmium	µg/L	0.08 J	0.07 J	0.05 J	0.06 J	0.18 J	0.04 J	0.03 J	0.05 J	0.06 J	0.07 J	0.02 J	0.03 J	0.03 J	0.03 J	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	5	--	5	--
Chromium	µg/L	0.65 U	0.59 U	0.62 U	0.62 U	0.62 U	0.64 U	0.62 U	0.63 U	0.70 U	0.69 U	0.66 U	0.69 U	0.64 U	0.66 U	0.69 U	0.66 U	0.64 U	0.66 U	0.68 U	100	--	100	--
Copper	µg/L	77.1	21.2	9.8	8.3	47.0	25.1	22.8	11.7	18.3	8.6	6.4	6.7	6.7	4.8	7.3	4.7	3.8	4.3	2.4	--	1300	1300	1000
Lead	µg/L	5.3	5.6	13.8	16.9	28.7	29.0	21.2	19.4	25.3	24.3	24.2	23.2	22.3	21.7	19.3	14.1	11.7	11.3	8.1	--	15	0	--
Manganese	µg/L	2.5	3.7	2.3	2.2	3.4	3.8	2.7	2.3	2.2	1.9	1.4	1.4	1.3	1.2	1.2	1.8	1.4	1.3	1.1	--	--	--	50
Nickel	µg/L	2.2	9.8	0.69	0.72	0.67	0.68	0.74	0.72	0.72	0.72	0.71	0.74	0.81	0.63	0.89	0.78	0.58	0.61	0.67	--	--	--	--
Tin	µg/L	0.07 J	1.0 U	0.09 J	0.49 J	4.3	0.30 J	0.21 J	0.89 J	1.5	2.0	0.10 J	0.25 J	0.57 J	0.27 J	0.11 J	0.10 J	1.0 U	1.0 U	1.0 U	--	--	--	--
Zinc	µg/L	242 J+	210 J+	73.2 J+	61.0 J+	75.5 J+	73.1 J+	60.5 J+	46.8 J+	39.1 J+	30.6 J+	27.9 J+	26.2 J+	25.2 J+	21.7 J+	23.0 J+	24.7 J+	19.5 J+	18.1 J+	13.1 J+	--	--	--	5000
Aluminum	mg/L	0.0664	0.0828	0.104	0.108	0.111	0.1120	0.107	0.0933	0.0879	0.0875	0.0795	0.0809	0.0776	0.0755	0.0806	0.0834	0.0769	0.0766	0.0753	--	--	--	0.05 to 0.2
Calcium	mg/L	33.6	33.7	35.1	34.2	34.4	34.7	33.6	33.7	33.6	34.6	34.8	33.5	33.5	33.9	33.8	33.8	32.2	33.1	33.6	--	--	--	--
Iron	mg/L	0.0212 J	0.0513 J	0.0843 J	0.104	0.142	0.196	0.119	0.0707 J	0.0823 J	0.0547 J	0.0448 J	0.0453 J	0.0376 J	0.0337 J	0.0433 J	0.0802 J	0.0395 J	0.0683 J	0.0414 J	--	--	--	0.3
Magnesium	mg/L	12.3	11.9	12.1	11.6	11.8	11.8	11.6	11.8	11.9	12.3	12.4	11.9	11.9	12.1	12.1	12.1	11.6	11.9	12.0	--	--	--	--
Potassium	mg/L	1.79	1.77	1.86	1.80	1.78	1.78	1.73	1.73	1.74	1.79	1.80	1.76	1.72	1.81	1.76	1.70	1.63	1.60	1.66	--	--	--	--
Sodium	mg/L	12.2	12.2	12.6	12.1	12.3	12.2	12.2	12.2	12.2	12.5	12.6	12.2	12.1	12.3	12.3	11.9	11.4	11.5	11.6	--	--	--	--
Total Alkalinity	mg/L	Not Sampled																		109	--	--	--	--
Chloride	mg/L	Not Sampled																		18.6	--	--	--	250
Fluoride	mg/L	Not Sampled																		0.138	4	--	4	2
Sulfate as SO4	mg/L	Not Sampled																		28.0	--	--	--	250
Total Phosphorus	mg/L	Not Sampled																		0.145	--	--	--	--

Notes:
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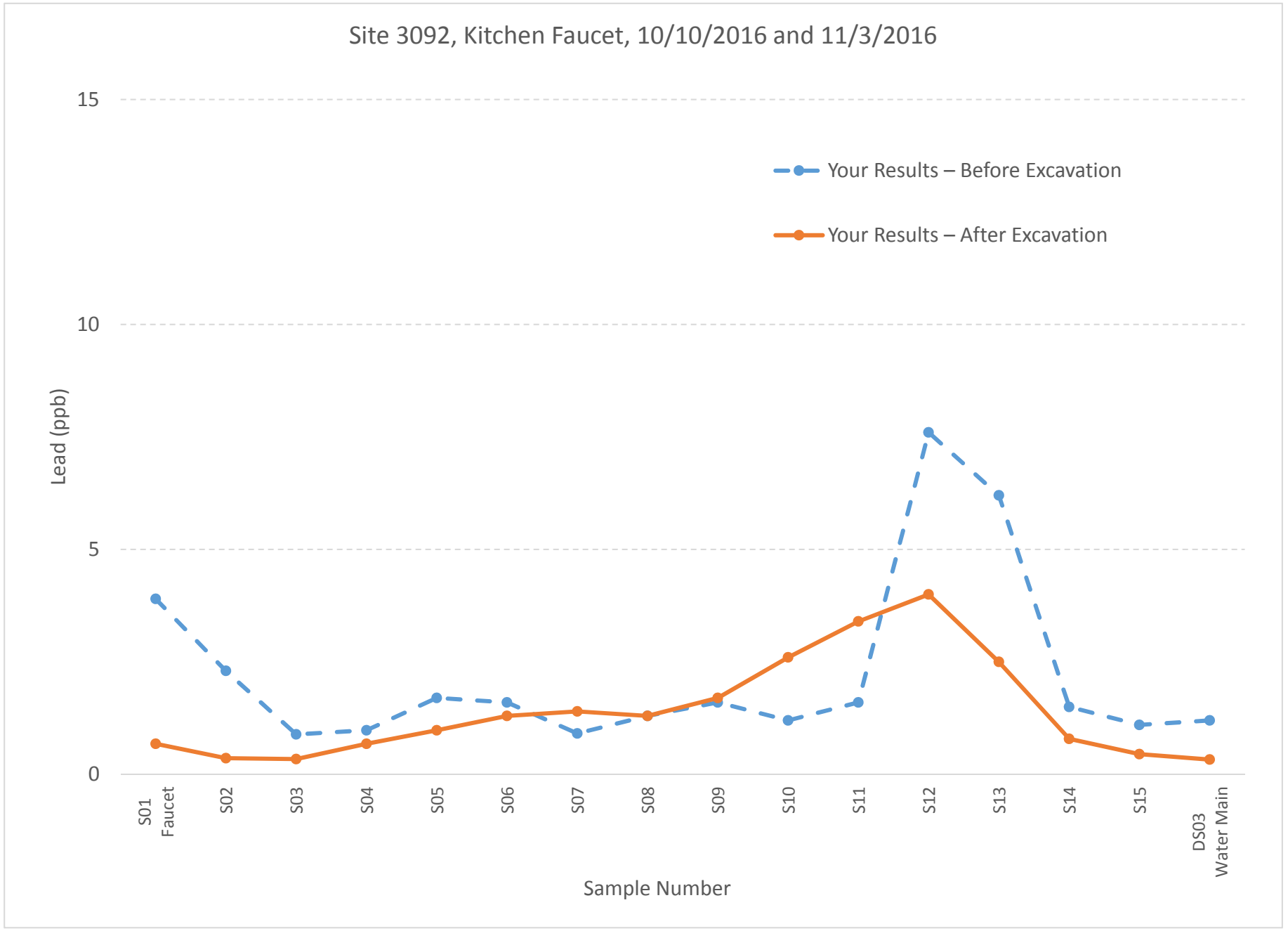
Site 3092, Kitchen Faucet, 10/10/2016 and 11/3/2016
15
10
5
0
Lead (ppb)
Your Results – Before Excavation
Your Results – After Excavation
S01 Faucet
S02
S03
S04
S05
S06
S07
S08
S09
S10
S11
S12
S13
S14
S15
DS03 Water Main
Sample Number

Site 3092 -- Kitchen Sink Faucet
Sequential Sampling by U.S. EPA
Final Analytical Results

Parameter	Units	Your Results - Before Excavation on 10/10/2016															Comparison Standards			
		S01	S02	S03	S04	S05	S06	S07	S08	S09	S10	S11	S12	S13	S14	S15	DS01, DS02, DS03	Maximum Contaminant Level (MCL)	Action Level (AL)	Maximum Contaminant Level Goal (MCLG)	Secondary MCL
		Faucet	Under Sink																		
		1st sample (125 mL)	2nd sample (125 mL)	3rd sample (1 liter)	4th sample (1 liter)	5th sample (1 liter)	6th sample (1 liter)	7th sample (1 liter)	8th sample (1 liter)	9th sample (1 liter)	10th sample (1 liter)	11th sample (1 liter)	12th sample (1 liter)	13th sample (1 liter)	14th sample (1 liter)	15th sample (1 liter)	Distribution System				
Cadmium	µg/L	1.7 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5	--	5	--
Chromium	µg/L	4.9 U	3.8 U	4.0 U	3.7 U	3.6 U	3.5 U	3.2 U	3.6 U	3.4 U	3.7 U	3.8 U	5.8 U	3.9 U	4.0 U	3.9 U	3.9 U	100	--	100	--
Copper	µg/L	58	38	35	16	20	12	9.3 U	7.0 U	8.6 U	5.9 U	5.9 U	37	8.7 U	5.1 U	4.3 U	3.4 U	--	1300	1300	1000
Lead	µg/L	3.9	2.3	0.89 U	0.98 U	1.7 U	1.6 U	0.91 U	1.3 U	1.6 U	1.2 U	1.6 U	7.6	6.2	1.5 U	1.1 U	1.2 U	--	15	0	--
Lead (Duplicate)	µg/L	1.05	0.50 U	0.50 U	0.50 U	0.72	1.16	0.58	0.50 U	0.79	0.73	0.91	5.91	4.80	0.82	0.50	0.50 U	--	15	0	--
Manganese	µg/L	2.5 J	0.76 U	0.97 U	2.5 J	0.61 U	0.71 U	0.72 U	0.78 U	1.1 J	0.94 U	1.1 J	1.9 J	1.1 J	1.2 J	1.1 J	1.2 J	--	--	--	50
Nickel	µg/L	80	6.2	4.2	2.0 J	2.1 J	1.9 J	2.0 J	2.0 J	2.1 J	2.1 J	2.1 J	3.2 J	2.3 J	2.1 J	2.1 J	2.2 J	--	--	--	--
Zinc	µg/L	210	73	27	32	35	23	22	22	64	120	120	72	26	18 U	15 U	10 U	--	--	--	5000
Aluminum	mg/L	0.074	0.080	0.087	0.090	0.096	0.090	0.092	0.092	0.091	0.093	0.086	0.094	0.090	0.092	0.093	0.090	--	--	--	0.05 to 0.2
Calcium	mg/L	36 J+	36 J+	36 J+	37 J+	36 J+	35 J+	37 J+	37 J+	38 J+	38 J+	36 J+	36 J+	36 J+	37 J+	37 J+	37 J+	--	--	--	--
Iron	mg/L	0.020 U	0.10 U	0.018 U	0.017 U	0.10 U	0.10 U	0.016 U	0.10 U	0.10 U	0.020 U	0.017 U	0.074 U	0.10 U	0.10 U	0.10 U	0.10 U	--	--	--	0.3
Magnesium	mg/L	13	13	13	13	13	13	13	13	14	14	13	13	13	13	13	13	--	--	--	--
Potassium	mg/L	1.6	1.6	1.7	1.7	1.6	1.6	1.7	1.7	1.8	1.8	1.6	1.6	1.6	1.7	1.7	1.7	--	--	--	--
Sodium	mg/L	12	12	12	12	12	12	12	13	13	13	12	12	12	12	12	12	--	--	--	--
Tin	mg/L	0.0023 U	0.020 U	0.0037 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.0016 U	0.020 U	0.0021 U	0.020 U	0.020 U	0.020 U	0.020 U	--	--	--	--
Total Alkalinity	mg CaCO3/L	Not Sampled															110	--	--	--	--
Chloride	mg/L	Not Sampled															3.0	--	--	--	250
Fluoride	mg/L	Not Sampled															0.15 U	4	--	4	2
Sulfate as SO4	mg/L	Not Sampled															23.9 J	--	--	--	250
Total Phosphorus	mg/L	Not Sampled															0.018 J	--	--	--	--

Notes:
mg/L = milligrams per liter (also called ppm or parts per million)
µg/L = micrograms per liter (also called ppb or parts per billion)
(U) = Not detected above the listed reporting limit
(J) = Estimated
(J+) = Potential high bias (based on laboratory quality checks, the actual value may be slightly lower than what is reported here).
(J-) = Potential low bias (based on laboratory quality checks, the actual value may be slightly higher than what is reported here).

Maximum Contaminant Level (MCL) = The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology and taking cost into consideration. MCLs are enforceable standards.

Maximum Contaminant Level Goal (MCLG) = The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals.
Action Level (AL) = The Action level of 15 ppb (for the 90th percentile of compliance samples) is based on technical feasibility of reducing lead in drinking water through optimizing corrosion control. It is not a health based level.
Secondary MCL = non-mandatory water quality standards established only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor. These contaminants are not considered to present a risk to human health at the SMCL.
Method Detection Limit (MDL) indicates the level at which the laboratory has high confidence that the analyte is PRESENT in the sample but low confidence in the numerical result. MDLs are routinely reassessed by each laboratory to ensure the accurate presentation of their data.
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Site 3092 -- Kitchen Sink Faucet
Sequential Sampling by U.S. EPA
Final Analytical Results

Parameter	Units	Your Results - After Excavation on 11/3/2016																Comparison Standards			
		S01	S02	S03	S04	S05	S06	S07	S08	S09	S10	S11	S12	S13	S14	S15	DS01, DS02, DS03	Maximum Contaminant Level (MCL)	Action Level (AL)	Maximum Contaminant Level Goal (MCLG)	Secondary MCL
		Faucet	Under Sink																		
		1st sample (125 mL)	2nd sample (125 mL)	3rd sample (1 liter)	4th sample (1 liter)	5th sample (1 liter)	6th sample (1 liter)	7th sample (1 liter)	8th sample (1 liter)	9th sample (1 liter)	10th sample (1 liter)	11th sample (1 liter)	12th sample (1 liter)	13th sample (1 liter)	14th sample (1 liter)	15th sample (1 liter)	Distribution System				
Cadmium	µg/L	0.06 J	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.02 J	0.2 U	0.2 U	0.2 U	0.2 U	5	--	5	--
Chromium	µg/L	0.97 U	1.0 U	0.58 U	0.56 U	0.60 U	0.55 U	0.59 U	0.59 U	0.59 U	0.57 U	0.62 U	0.59 U	0.57 U	0.58 U	0.63 U	0.54 U	100	--	100	--
Copper	µg/L	44.3	27.0	25.0	14.3	13.7	8.6	6.1	5.4	5.5	6.7	8.0	8.6	5.5	3.5	3.1	2.3 U	--	1300	1300	1000
Lead	µg/L	0.68 J	0.36 J	0.34 J	0.68 J	0.98 J	1.3	1.4	1.3	1.7	2.6	3.4	4.0	2.5	0.79 J	0.45 J	0.33 J	--	15	0	--
Manganese	µg/L	0.72 J	0.47 J	0.39 J	0.51 J	0.45 J	0.45 J	0.49 J	0.52 J	0.50 J	0.66 J	0.59 J	0.60 J	0.64 J	1.7	0.80 J	0.62 J	--	--	--	50
Nickel	µg/L	10.9	3.1	0.93	0.64	0.78	0.72	0.63	1.2	0.77	0.74	0.95	0.91	0.67	0.64	0.77	0.67	--	--	--	--
Tin	µg/L	0.42 J	0.16 J	0.11 J	1.0 U	0.12 J	0.07 J	1.0 U	0.08 J	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	--	--	--	--
Zinc	µg/L	153	58.1	18.1	25.1	28.8	26.3	28.7	34.2	45.9	63.7	51.1	31.5	17.2	11.3	12.8	7.3	--	--	--	5000
Aluminum	mg/L	0.153	0.0755	0.0737	0.0791	0.0864	0.0788	0.0746	0.0711	0.0712	0.0721	0.0671	0.0675	0.0684	0.0923	0.0673	0.0692	--	--	--	0.05 to 0.2
Calcium	mg/L	36.2	35.2	35.0	36.4	35.9	35.2	36.0	36.0	35.5	35.8	36.1	35.9	35.7	34.9	36.4	36.8	--	--	--	--
Iron	mg/L	0.0257 J	0.0217 J	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.0178 J	0.100 U	0.0222 J	0.100 U	0.100 U	0.0501 J	0.100 U	--	--	--	0.3
Magnesium	mg/L	12.5	12.2	12.1	12.5	12.4	12.2	12.5	12.5	12.4	12.4	12.6	12.5	12.4	12.2	12.7	12.8	--	--	--	--
Potassium	mg/L	1.70	1.67	1.67	1.76	1.70	1.72	1.73	1.71	1.71	1.70	1.72	1.72	1.68	1.72	1.75	1.75	--	--	--	--
Sodium	mg/L	11.9	11.6	11.5	11.7	11.7	11.5	11.6	11.7	11.6	11.6	11.8	11.7	11.6	11.4	11.8	11.9	--	--	--	--
Total Alkalinity	mg CaCO3/L	Not Sampled															103	--	--	--	--
Chloride	mg/L	Not Sampled															16.2	--	--	--	250
Fluoride	mg/L	Not Sampled															0.130	4	--	4	2
Sulfate as SO4	mg/L	Not Sampled															25.8	--	--	--	250
Total Phosphorus	mg/L	Not Sampled															0.172	--	--	--	--

Notes:
mg/L = milligrams per liter (also called ppm or parts per million)
µg/L = micrograms per liter (also called ppb or parts per billion)
(U) = Not detected above the listed reporting limit
(J) = Estimated

Maximum Contaminant Level (MCL) = The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology and taking cost into consideration. MCLs are enforceable standards.

Maximum Contaminant Level Goal (MCLG) = The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety and are non-enforceable public health goals.
Action Level (AL) = The Action level of 15 ppb (for the 90th percentile of compliance samples) is based on technical feasibility of reducing lead in drinking water through optimizing corrosion control. It is not a health based level.
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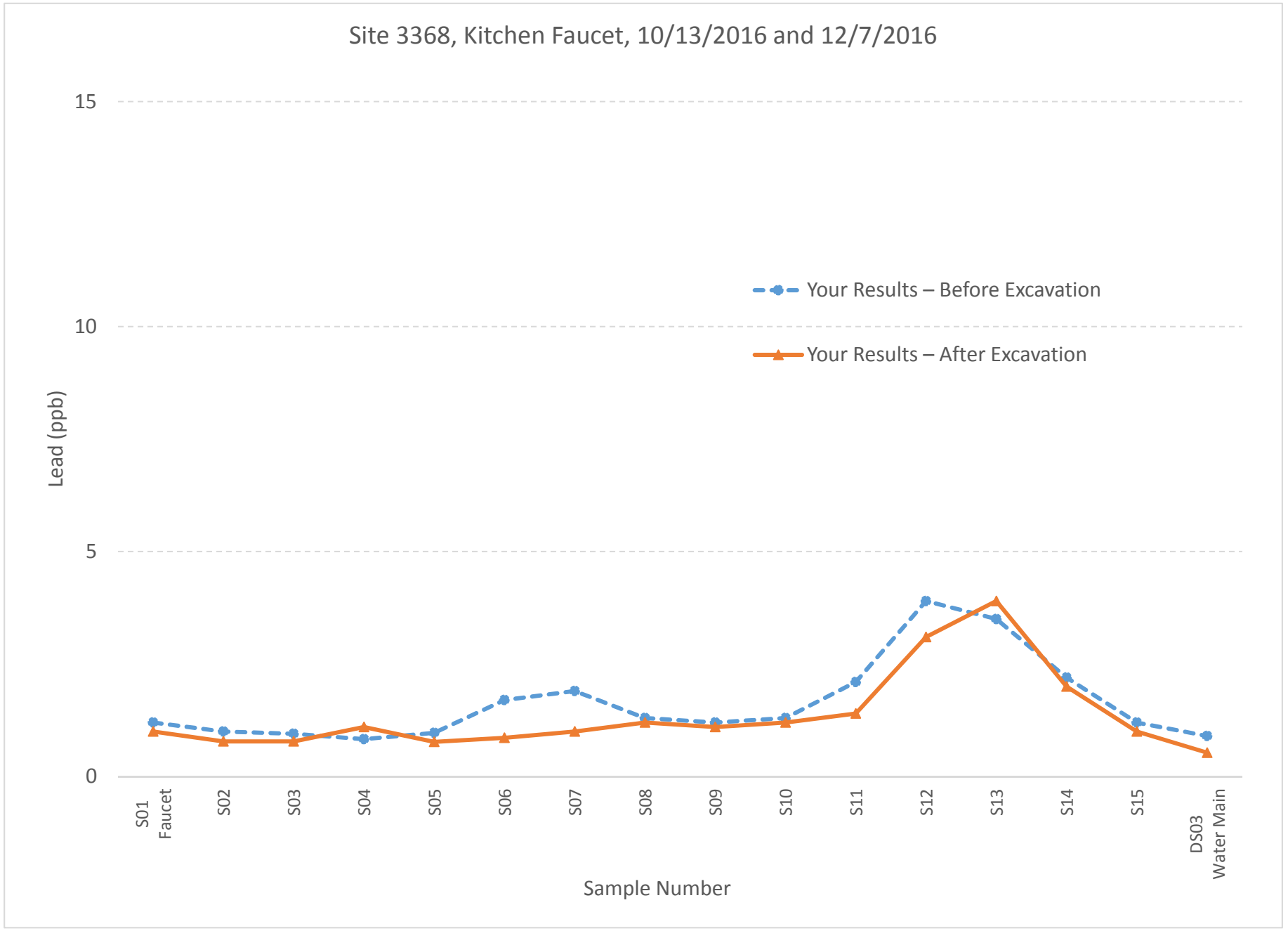
Site 3368, Kitchen Faucet, 10/13/2016 and 12/7/2016
15
10
5
0
Lead (ppb)
Your Results – Before Excavation
Your Results – After Excavation
S01 Faucet
S02
S03
S04
S05
S06
S07
S08
S09
S10
S11
S12
S13
S14
S15
DS03 Water Main
Sample Number

Site 3368 -- Kitchen Sink Faucet
Sequential Sampling by U.S. EPA
Final Analytical Results

Parameter	Units	Your Results - Before Excavation on 10/13/2016															Comparison Standards			
		S01	S02	S03	S04	S05	S06	S07	S08	S09	S10	S11	S12	S13	S14	S15	DS01, DS02, DS03	Maximum Contaminant Level (MCL)	Action Level (AL)	Maximum Contaminant Level Goal (MCLG)	Secondary MCL
		Faucet	Under Sink																		
		1st sample (125 mL)	2nd sample (125 mL)	3rd sample (1 liter)	4th sample (1 liter)	5th sample (1 liter)	6th sample (1 liter)	7th sample (1 liter)	8th sample (1 liter)	9th sample (1 liter)	10th sample (1 liter)	11th sample (1 liter)	12th sample (1 liter)	13th sample (1 liter)	14th sample (1 liter)	15th sample (1 liter)	Distribution System				
Cadmium	µg/L	0.79 J	0.60 J	0.64 J	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	5	--	5	--
Chromium	µg/L	3.1 U	3.2 U	3.3 U	3.3 U	3.3 U	3.3 U	3.2 U	3.3 U	3.2 U	3.3 U	3.3 U	3.4 U	3.3 U	3.6 U	3.3 U	3.3 U	100	--	100	--
Copper	µg/L	67	31	7.8 U	4.2 J	4.0 J	4.2 J-	4.4 J-	4.6 J-	4.4 J-	4.7 J-	7.0 J-	11 J-	7.6 J-	5.3 J-	4.0 J-	3.1 J-	--	1300	1300	1000
Lead	µg/L	1.2 J	1.0 J	0.95 J	0.83 J	0.97 J	1.7 J	1.9 J	1.3 J	1.2 J	1.3 J	2.1	3.9	3.5	2.2	1.2 J	0.90 J	--	15	0	--
Manganese	µg/L	1.3 J	1.6 J	1.2 J	0.86 J	0.76 J	1.1 J	1.4 J	1.0 J	0.83 J	0.67 J	0.72 J	0.71 J	0.73 J	1.1 J	0.90 J	0.97 J	--	--	--	50
Nickel	µg/L	3.2 U	2.0 U	2.4 U	1.9 U	1.9 U	1.9 U	2.2 U	1.9 U	2.0 U	1.8 U	2.2 U	1.8 U	1.7 U	2.1 U	1.8 U	1.7 U	--	--	--	--
Zinc	µg/L	120	64	70	31	35	33	29	25	28	30	27	21	18 J	19 J	17 J	13 J	--	--	--	5000
Aluminum	mg/L	0.085 J-	0.10 J-	0.10 J-	0.099 J-	0.11 J-	0.31 J-	0.10 J-	0.10 J-	0.10 J-	0.10 J-	0.11 J-	0.10 J-	0.10 J-	0.10 J-	0.10 J-	0.11 J-	--	--	--	0.05 to 0.2
Calcium	mg/L	37 J-	38 J-	37 J-	37 J-	39 J-	37 J-	37 J-	36 J-	37 J-	38 J-	38 J-	38 J-	37 J-	38 J-	38 J-	39 J-	--	--	--	--
Iron	mg/L	0.062 U	0.088 U	0.050 U	0.037 U	0.035 U	0.060 U	0.088 U	0.053 U	0.030 U	0.029 U	0.029 U	0.029 U	0.025 U	0.025 U	0.024 U	0.024 U	--	--	--	0.3
Magnesium	mg/L	13 J-	13 J-	13 J-	13 J-	14 J-	13 J-	13 J-	12 J-	13 J-	13 J-	14 J-	13 J-	13 J-	13 J-	14 J-	14 J-	--	--	--	--
Potassium	mg/L	1.7 J-	1.7 J-	1.8 J-	1.7 J-	1.8 J-	1.7 J-	1.7 J-	1.6 J-	1.7 J-	1.7 J-	1.7 J-	1.7 J-	1.7 J-	1.7 J-	1.7 J-	1.7 J-	--	--	--	--
Sodium	mg/L	11 J-	12 J-	12 J-	11 J-	12 J-	11 J-	12 J-	11 J-	12 J-	12 J-	12 J-	12 J-	12 J-	12 J-	12 J-	12 J-	--	--	--	--
Tin	mg/L	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.0016 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.0016 U	--	--	--	--
Total Alkalinity	mg CaCO3/L	Not Sampled															120	--	--	--	--
Chloride	mg/L	Not Sampled															5.0	--	--	--	250
Fluoride	mg/L	Not Sampled															0.17 U	4	--	4	2
Sulfate as SO4	mg/L	Not Sampled															40.5 J	--	--	--	250
Total Phosphorus	mg/L	Not Sampled															0.040 J	--	--	--	--

Notes:
mg/L = milligrams per liter (also called ppm or parts per million)
µg/L = micrograms per liter (also called ppb or parts per billion)
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(J) = Estimated
(J+) = Potential high bias (based on laboratory quality checks, the actual value may be slightly lower than what is reported here).
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Site 3368 -- Kitchen Sink Faucet
Sequential Sampling by U.S. EPA
Final Analytical Results

Parameter	Units	Your Results - After Excavation on 12/7/2016																Comparison Standards			
		S01	S02	S03	S04	S05	S06	S07	S08	S09	S10	S11	S12	S13	S14	S15	DS01, DS02, DS03	Maximum Contaminant Level (MCL)	Action Level (AL)	Maximum Contaminant Level Goal (MCLG)	Secondary MCL
		Faucet	Under Sink																		
		1st sample (125 mL)	2nd sample (125 mL)	3rd sample (1 liter)	4th sample (1 liter)	5th sample (1 liter)	6th sample (1 liter)	7th sample (1 liter)	8th sample (1 liter)	9th sample (1 liter)	10th sample (1 liter)	11th sample (1 liter)	12th sample (1 liter)	13th sample (1 liter)	14th sample (1 liter)	15th sample (1 liter)	Distribution System				
Cadmium	µg/L	0.29	0.34	0.43	0.13 J	0.15 J	0.13 J	0.12 J	0.09 J	0.13 J	0.14 J	0.2 J	0.12 J	0.24	0.14 J	0.13 J	0.11 J	5	--	5	--
Chromium	µg/L	0.78 U	0.59 U	0.50 U	0.46 U	0.51 U	0.50 U	0.52 U	0.47 U	0.51 U	0.48 U	0.50 U	0.50 U	0.50 U	0.56 U	0.56 U	0.52 U	100	--	100	--
Copper	µg/L	55.3	22.6	6.3	3.2	2.9	2.9	3.1	3.8	3.3	3.1	4.1	9.0	7.9	4.4	3.2	2.2	--	1300	1300	1000
Lead	µg/L	1.0	0.78 J	0.78 J	1.1	0.77 J	0.86 J	1.0	1.2	1.1	1.2	1.4	3.1	3.9	2.0	1.0	0.53 J	--	15	0	--
Manganese	µg/L	1.2	1.1	0.68 U	0.99 U	0.72 U	0.54 U	0.69 U	0.90 U	0.65 U	0.60 U	0.66 U	0.61 U	1.1	0.64 U	0.66 U	0.58 U	--	--	--	50
Nickel	µg/L	11.7	3.3	0.90	0.66	0.62	0.65	0.65	0.68	0.68	0.63	0.57	0.54	0.58	0.69	0.62	0.59	--	--	--	--
Tin	µg/L	1.7	0.38 U	1.0 U	1.0 U	0.48 U	0.16 U	0.14 U	0.13 U	0.32 U	0.38 U	2.2	0.66 U	5.3	2.1	1.8	1.6	--	--	--	--
Zinc	µg/L	96.9 J+	64.1 J+	70.5 J+	29.9 J+	32.8 J+	34.1 J+	27.9 J+	23.2 J+	25.3 J+	30.0 J+	27.3 J+	20.1 J+	16.5 J+	15.0 J+	15.0 J+	11.6 J+	--	--	--	5000
Aluminum	mg/L	0.0458	0.0442	0.0482	0.0463	0.0455	0.0451	0.0454	0.0466	0.0486	0.0502	0.0516	0.0519	0.0495	0.0476	0.0451	0.0422	--	--	--	0.05 to 0.2
Calcium	mg/L	34.3	33.6	34.8	35.0	34.7	34.7	34.2	34.8	34.6	35.0	34.3	34.8	34.6	34.1	34.2	34.1	--	--	--	--
Iron	mg/L	0.0300 U	0.0689 U	0.0418 U	0.0563 U	0.100 U	0.0274 U	0.0332 U	0.0330 U	0.100 U	0.0174 U	0.100 U	0.0260 U	0.0183 U	0.100 U	0.100 U	0.100 U	--	--	--	0.3
Magnesium	mg/L	12.2	12.0	12.4	12.4	12.3	12.3	12.2	12.3	12.2	12.3	12.0	12.2	12.1	12.0	12.0	12.0	--	--	--	--
Potassium	mg/L	1.67	1.64	1.69	1.66	1.69	1.62	1.62	1.64	1.71	1.66	1.67	1.66	1.66	1.61	1.64	1.63	--	--	--	--
Sodium	mg/L	11.3	11.1	11.4	11.4	11.5	11.5	11.3	11.6	11.5	11.7	11.4	11.5	11.4	11.2	11.2	11.1	--	--	--	--
Total Alkalinity	mg CaCO3/L	Not Sampled															105	--	--	--	--
Chloride	mg/L	Not Sampled															16.5	--	--	--	250
Fluoride	mg/L	Not Sampled															0.120	4	--	4	2
Sulfate as SO4	mg/L	Not Sampled															27.1	--	--	--	250
Total Phosphorus	mg/L	Not Sampled															0.187	--	--	--	--

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