



## Lead and Copper Compliance Report July through December 2022

Table 1 summarizes the District of Columbia Water and Sewer Authority’s (DC Water) Lead and Copper compliance sampling results for the monitoring period July through December 2022.

**Table 1. Lead and Copper Summary Data**

<b>Number of Samples</b>	
Lead and Copper	108
<b>90th Percentile First Draw Concentrations</b>	
Lead mg/L	0.002
Copper mg/L	0.091
<b>Service Line Materials</b>	
Full Lead	90
Partial Lead	18

The appendices and attachments contain the following information and data:

- Appendix A: Lead and Copper Compliance Sampling Data
  - Table A.1 First Draw Lead Sampling Results
  - Table A.2 First Draw Copper Sampling Results
  
- Appendix B: Additional Monitoring Data:
  - Table B.1 Second Draw Lead Sampling Results
  - Table B.2 Second Draw Copper Sampling Results
  
- Appendix C: Additional Sampling Information:
  - Table C.1 Sample Kit Distribution
  - Table C.2 Sample Kits Not Returned
  - Table C.3 Samples Returned but Rejected for Compliance Analysis
  - Table C.4 Deviations from Sample Kit Distribution Order
  - Table C.5 Sites with Compliance Sampling Results from July 2021 – June 2022 and No Results in July – December 2022
  - Table C.6 Customer Notification of Sampling Analysis Results

- Appendix D: Sample Invalidations
- Attachment 1: Washington Aqueduct Laboratory Test Results for 1<sup>st</sup> and 2<sup>nd</sup> Draw
- Attachment 2: Other Samples Analyzed for Lead:
  - Customer Requested Tests
  - Post-Lead Service Line Replacement Tests
  - Customer Collected Lead Profiles
  - Customer Collected Filtered Samples
  - Lead Pipe Loops
  - Special Samples
- Attachment 3: Certification of Consumer Tap Results for July through December 2022 and Customer Letters



## Appendix A: Lead and Copper Compliance Sampling Data

**Table A.1 First Draw Lead Sampling Results**

No.	Address	Pipe Material	Collection Date	Lead 1st Draw (ppb)
1	132 11th St SE	LEAD	8/31/2022	0
2	1332 Ritchie Pl NE	Partial Lead	11/3/2022	0
3	1354 D St SE	Partial Lead	11/3/2022	0
4	1421 TAYLOR ST NW	Lead	12/12/2022	0
5	15 14th St SE	Lead	8/31/2022	0
6	15 Milmarson Pl NW	Partial Lead	11/3/2022	0
7	2036 17TH ST NW	Lead	11/3/2022	0
8	219 Underwood St NW	Lead	8/30/2022	0
9	231 K St NE	Partial Lead	11/2/2022	0
10	2414 Observatory Pl NW	Lead	9/1/2022	0
11	2416 I St NW	Lead	12/7/2022	0
12	3036 P St NW	Partial Lead	11/3/2022	0
13	36 Florida Ave NW	Partial Lead	11/3/2022	0
14	414 DOUGLAS ST NE	Partial Lead	11/3/2022	0
15	419 12th St SE	Lead	7/27/2022	0
16	423 GALLATIN ST NW	Lead	9/29/2022	0
17	423 Shepherd St NW	Lead	8/31/2022	0
18	424 Farragut St NW	Lead	10/30/2022	0
19	4536 Lowell St NW	Lead	8/30/2022	0
20	4926 Glenbrook Rd NW	Partial Lead	11/3/2022	0
21	517 5th St NE	Lead	9/15/2022	0
22	5309 14th St NW	Lead	7/29/2022	0
23	728 FARRAGUT ST NW	Lead	11/3/2022	0
24	813 E St SE	Lead	10/9/2022	0
25	912 15TH ST SE	Lead	8/30/2022	0
26	105 14th St NE	Lead	7/27/2022	0.2
27	1115 C St NE	Lead	8/30/2022	0.2
28	1519 Olive St NE	Lead	9/28/2022	0.2
29	22 Bates St NW	Lead	8/1/2022	0.2
30	317 TENNESSEE AVE NE	Lead	8/31/2022	0.2
31	5223 KANSAS AVE NW	Partial Lead	11/2/2022	0.2
32	6811 Laurel St NW	Lead	7/27/2022	0.2
33	3126 38th St NW	Lead	7/20/2022	0.3
34	313 10TH ST SE	Partial Lead	11/2/2022	0.3
35	3617 17th St NE	Lead	9/1/2022	0.3

No.	Address	Pipe Material	Collection Date	Lead 1st Draw (ppb)
36	4312 14th St NW	Lead	7/28/2022	0.3
37	4428 9th St NW	Lead	7/28/2022	0.3
38	4507 Arkansas Ave NW	Lead	7/29/2022	0.3
39	5010 Klingle St NW	Lead	9/28/2022	0.3
40	114 4th St NE	Lead	8/11/2022	0.4
41	1416 Montague St NW	Lead	7/27/2022	0.4
42	619 12th St NE	Lead	9/29/2022	0.4
43	904 Delafield Pl NW	Lead	7/14/2022	0.4
44	905 Kent Pl NE	Lead	9/28/2022	0.4
45	1225 C St SE	Lead	7/28/2022	0.5
46	1353 JEFFERSON ST NW	Partial Lead	11/2/2022	0.5
47	1413 West Virginia Ave NE	lead	11/11/2022	0.5
48	305 7th St NE	Lead	9/1/2022	0.5
49	3211 Central Ave NE	Lead	9/29/2022	0.5
50	4425 14th St NE	Lead	9/28/2022	0.5
51	5404 39TH ST NW	Partial Lead	11/1/2022	0.5
52	633 Columbia Rd NW	Lead	7/27/2022	0.5
53	904 Crittenden St NW	Lead	7/28/2022	0.5
54	1123 Michigan Ave NE	Lead	9/1/2022	0.6
55	1310 Locust Rd NW	Lead	10/12/2022	0.6
56	1635 WEBSTER ST NW	Lead	9/30/2022	0.6
57	1808 KEARNY ST NE	Partial Lead	11/2/2022	0.6
58	228 V ST NE	Lead	9/28/2022	0.6
59	307 South Carolina Ave SE	LEAD	8/30/2022	0.6
60	3074 Clinton St NE	Lead	9/1/2022	0.6
61	3112 PARK PL NW	Lead	11/3/2022	0.6
62	521 9th St SE	Lead	9/1/2022	0.6
63	5520 CAROLINA PL NW	LEAD	8/30/2022	0.6
64	5603 14th St NW	Lead	11/30/2022	0.6
65	1020 INDEPENDENCE AVE SE	Lead	9/28/2022	0.7
66	1420 INGRAHAM ST NW	Partial Lead	11/3/2022	0.7
67	2717 11th St NW	Partial Lead	11/3/2022	0.7
68	3206 38th St NW	Lead	9/29/2022	0.7
69	3629 Everett St NW	LEAD	8/31/2022	0.7
70	3724 CHESAPEAKE ST NW	Partial Lead	11/3/2022	0.7
71	4710 8th St NW	Lead	10/22/2022	0.7
72	1254 Hamlin St NE	Lead	7/28/2022	0.8
73	1417 Crittenden St NW	Lead	9/1/2022	0.8
74	1826 Jackson St NE	Lead	9/28/2022	0.8
75	2010 Klingle Rd NW	Lead	7/27/2022	0.8
76	2435 33RD ST SE	Lead	9/28/2022	0.8

No.	Address	Pipe Material	Collection Date	Lead 1st Draw (ppb)
77	3511 IDAHO AVE NW	Lead	10/30/2022	0.8
78	4215 39th St NW	Partial Lead	11/1/2022	0.8
79	4221 4th St NW	Lead	7/27/2022	0.8
80	4418 14th St NE	Lead	9/30/2022	0.8
81	811 L St NE	Lead	7/28/2022	0.8
82	3608 17th St NE	Lead	7/27/2022	0.9
83	1247 GIRARD ST NE	LEAD	9/1/2022	1.0
84	1620 Webster St NW	Lead	9/29/2022	1.0
85	6611 1st St NW	Lead	7/28/2022	1.0
86	3822 Albemarle St NW	Lead	8/31/2022	1.1
87	5700 SHERIER PL NW	Partial Lead	11/3/2022	1.1
88	607 Lamont St NW	Lead	7/27/2022	1.1
89	1148 Abbey Pl NE	Lead	9/9/2022	1.2
90	18 Milmarson Pl NW	Lead	7/17/2022	1.2
91	3206 5th St SE	Lead	7/28/2022	1.2
92	1411 Delafield Pl NW	Lead	7/28/2022	1.3
93	1627 Newton St NW	Lead	7/29/2022	1.5
94	2913 Brandywine St NW	Lead	9/28/2022	1.7
95	318 14TH PL NE	Lead	7/25/2022	1.7
96	3107 Cathedral Ave NW	Lead	8/31/2022	1.9
<b>97</b>	<b>5121 Cathedral Ave NW</b>	<b>Lead</b>	<b>8/18/2022</b>	<b>1.9</b>
98	1346 F St NE	Lead	10/1/2022	2.1
99	1505 Buchanan St NW	Lead	9/29/2022	3.0
100	702 9th St SE	Lead	9/29/2022	3.0
101	1528 Upshur St NW	Lead	8/7/2022	3.1
102	5427 Nevada Ave NW	Lead	8/31/2022	3.1
103	3727 T St NW	Lead	9/29/2022	3.2
104	10 S St NW	Lead	9/28/2022	3.5
105	1408 DECATUR ST NW	Lead	8/30/2022	4.5
106	232 33rd St NE	Lead	10/19/2022	5.2
107	3004 Alabama Ave SE	Lead	9/1/2022	5.8
108	114 MADISON ST NW	Lead	8/30/2022	6.0

Notes:

- 1) All addresses met Tier 1 criteria under 40 CFR 141.86(a)(3) as single family structures that are served by a lead service line based on DC Water’s customer information and service line inventory records at the date of sample collection.
- 2) Service line material listings are representative of the pipe material known at the time the sample was collected.
- 3) Results expressed as “0” may have been reported by the laboratory as less than 0.0002 mg/L or non-detect.

**Table A.2 First Draw Copper Results**

No.	Address	Pipe Material	Collection Date	Copper 1st draw (ppb)
1	4428 9th St NW	Lead	7/28/2022	4.8
2	2416 I St NW	Lead	12/7/2022	6.2
3	4710 8th St NW	Lead	10/22/2022	6.5
4	1421 TAYLOR ST NW	Lead	12/12/2022	6.7
5	5427 Nevada Ave NW	Lead	8/31/2022	6.7
6	423 Shepherd St NW	Lead	8/31/2022	7.6
7	318 14TH PL NE	Lead	7/25/2022	8.2
8	1413 West Virginia Ave NE	lead	11/11/2022	8.4
9	1519 Olive St NE	Lead	9/28/2022	8.6
10	1148 Abbey Pl NE	Lead	9/9/2022	8.8
11	728 FARRAGUT ST NW	Lead	11/3/2022	9.1
12	3617 17th St NE	Lead	9/1/2022	9.5
13	3206 5th St SE	Lead	7/28/2022	9.7
14	904 Delafield Pl NW	Lead	7/14/2022	10.4
15	904 Crittenden St NW	Lead	7/28/2022	10.8
16	4312 14th St NW	Lead	7/28/2022	11.0
17	1332 Ritchie Pl NE	Partial Lead	11/3/2022	11.5
18	1420 INGRAHAM ST NW	Partial Lead	11/3/2022	12.4
19	114 4th St NE	Lead	8/11/2022	12.7
20	18 Milmarson Pl NW	Lead	7/17/2022	13.9
21	305 7th St NE	Lead	9/1/2022	14.1
22	607 Lamont St NW	Lead	7/27/2022	14.5
23	3608 17th St NE	Lead	7/27/2022	14.6
24	1826 Jackson St NE	Lead	9/28/2022	15.4
25	1635 WEBSTER ST NW	Lead	9/30/2022	16.1
26	3822 Albemarle St NW	Lead	8/31/2022	16.4
27	219 Underwood St NW	Lead	8/30/2022	16.8
28	521 9th St SE	Lead	9/1/2022	18.9
29	3206 38th St NW	Lead	9/29/2022	19.0
30	2913 Brandywine St NW	Lead	9/28/2022	19.3
31	2717 11th St NW	Partial Lead	11/3/2022	19.5
32	5010 Klinge St NW	Lead	9/28/2022	20.1
33	10 S St NW	Lead	9/28/2022	20.4
34	3004 Alabama Ave SE	Lead	9/1/2022	21.8
35	22 Bates St NW	Lead	8/1/2022	22.3
36	3074 Clinton St NE	Lead	9/1/2022	22.6
37	4536 Lowell St NW	Lead	8/30/2022	22.9
38	5603 14th St NW	Lead	11/30/2022	23.1
39	1346 F St NE	Lead	10/1/2022	23.4
40	2414 Observatory Pl NW	Lead	9/1/2022	23.4

No.	Address	Pipe Material	Collection Date	Copper 1st draw (ppb)
41	1020 INDEPENDENCE AVE SE	Lead	9/28/2022	23.9
42	811 L St NE	Lead	7/28/2022	24.4
43	1115 C St NE	Lead	8/30/2022	24.8
44	132 11th St SE	LEAD	8/31/2022	25.4
45	228 V ST NE	Lead	9/28/2022	25.8
46	5223 KANSAS AVE NW	Partial Lead	11/2/2022	25.9
47	5520 CAROLINA PL NW	LEAD	8/30/2022	27.2
48	619 12th St NE	Lead	9/29/2022	28.4
49	702 9th St SE	Lead	9/29/2022	28.4
50	5309 14th St NW	Lead	7/29/2022	28.5
51	6611 1st St NW	Lead	7/28/2022	29.1
52	423 GALLATIN ST NW	Lead	9/29/2022	30.2
53	2435 33RD ST SE	Lead	9/28/2022	31.3
54	3727 T St NW	Lead	9/29/2022	33.1
55	1354 D St SE	Partial Lead	11/3/2022	33.2
56	4507 Arkansas Ave NW	Lead	7/29/2022	33.8
57	1353 JEFFERSON ST NW	Partial Lead	11/2/2022	34.4
58	1627 Newton St NW	Lead	7/29/2022	35.6
59	1254 Hamlin St NE	Lead	7/28/2022	36.8
60	905 Kent Pl NE	Lead	9/28/2022	36.8
61	2036 17TH ST NW	Lead	11/3/2022	36.9
62	3126 38th St NW	Lead	7/20/2022	38.8
63	313 10TH ST SE	Partial Lead	11/2/2022	40.8
64	317 TENNESSEE AVE NE	Lead	8/31/2022	42.0
65	5404 39TH ST NW	Partial Lead	11/1/2022	43.4
66	3107 Cathedral Ave NW	Lead	8/31/2022	46.2
67	1123 Michigan Ave NE	Lead	9/1/2022	46.5
68	105 14th St NE	Lead	7/27/2022	47.3
69	15 14th St SE	Lead	8/31/2022	47.7
70	3036 P St NW	Partial Lead	11/3/2022	48.8
71	5121 Cathedral Ave NW	Lead	8/18/2022	48.9
72	633 Columbia Rd NW	Lead	7/27/2022	49.7
73	419 12th St SE	Lead	7/27/2022	49.8
74	307 South Carolina Ave SE	LEAD	8/30/2022	51.6
75	4425 14th St NE	Lead	9/28/2022	54.5
76	3629 Everett St NW	LEAD	8/31/2022	57.4
77	2010 Klinge Rd NW	Lead	7/27/2022	58.3
78	232 33rd St NE	Lead	10/19/2022	58.6
79	1505 Buchanan St NW	Lead	9/29/2022	60.3
80	4221 4th St NW	Lead	7/27/2022	61.9
81	114 MADISON ST NW	Lead	8/30/2022	62.6

No.	Address	Pipe Material	Collection Date	Copper 1st draw (ppb)
82	3112 PARK PL NW	Lead	11/3/2022	63.5
83	4418 14th St NE	Lead	9/30/2022	63.6
84	4215 39th St NW	Partial Lead	11/1/2022	65.2
85	1620 Webster St NW	Lead	9/29/2022	66.3
86	1416 Montague St NW	Lead	7/27/2022	66.6
87	414 DOUGLAS ST NE	Partial Lead	11/3/2022	66.9
88	231 K St NE	Partial Lead	11/2/2022	73.1
89	1528 Upshur St NW	Lead	8/7/2022	74.6
90	15 Milmarson PI NW	Partial Lead	11/3/2022	74.7
91	517 5th St NE	Lead	9/15/2022	76.5
92	1310 Locust Rd NW	Lead	10/12/2022	83.6
93	6811 Laurel St NW	Lead	7/27/2022	83.7
94	912 15TH ST SE	Lead	8/30/2022	84.5
95	424 Farragut St NW	Lead	10/30/2022	84.6
96	3511 IDAHO AVE NW	Lead	10/30/2022	86.3
<b>97</b>	<b>5700 SHERIER PL NW</b>	<b>Partial Lead</b>	<b>11/3/2022</b>	<b>91.0</b>
98	813 E St SE	Lead	10/9/2022	93.2
99	1247 GIRARD ST NE	LEAD	9/1/2022	99.5
100	4926 Glenbrook Rd NW	Partial Lead	11/3/2022	103
101	1408 DECATUR ST NW	Lead	8/30/2022	105
102	3211 Central Ave NE	Lead	9/29/2022	106
103	3724 CHESAPEAKE ST NW	Partial Lead	11/3/2022	109
104	1225 C St SE	Lead	7/28/2022	130
105	1417 Crittenden St NW	Lead	9/1/2022	155
106	1411 Delafield PI NW	Lead	7/28/2022	166
107	36 Florida Ave NW	Partial Lead	11/3/2022	174
108	1808 KEARNY ST NE	Partial Lead	11/2/2022	191

Notes:

- 1) All addresses met Tier 1 criteria under 40 CFR 141.86(a)(3) as single family structures that are served by a lead service line based on DC Water's customer information and service line inventory records on the date of sample collection.
- 2) Service line material listings are representative of the pipe material known at the time the sample was collected.



## Appendix B: Additional Monitoring Data

Tables B.1 and B.2 present results from the second draw samples collected during the period of the Lead and Copper Rule compliance sampling. Additional monitoring data presented in Attachment 2 to this report contains sample data collected from other DC Water programs that focused on lead, copper, or other metals that included lead sample results. A description of the program followed by the data set is included in Attachment 2.

**Table B.1 Second Draw Lead Sampling Results**

No.	Address	Pipe Material	Collection Date	Lead 2nd Draw (ppb)
1	1115 C St NE	Lead	8/30/2022	0
2	114 4th St NE	Lead	8/11/2022	0
3	1225 C St SE	Lead	7/28/2022	0
4	1310 Locust Rd NW	Lead	10/12/2022	0
5	132 11th St SE	LEAD	8/31/2022	0
6	1332 Ritchie Pl NE	Partial Lead	11/3/2022	0
7	1354 D St SE	Partial Lead	11/3/2022	0
8	1421 TAYLOR ST NW	Lead	12/12/2022	0
9	15 14th St SE	Lead	8/31/2022	0
10	1620 Webster St NW	Lead	9/29/2022	0
11	2036 17TH ST NW	Lead	11/3/2022	0
12	22 Bates St NW	Lead	8/1/2022	0
13	2414 Observatory Pl NW	Lead	9/1/2022	0
14	2416 I St NW	Lead	12/7/2022	0
15	3036 P St NW	Partial Lead	11/3/2022	0
16	317 TENNESSEE AVE NE	Lead	8/31/2022	0
17	36 Florida Ave NW	Partial Lead	11/3/2022	0
18	419 12th St SE	Lead	7/27/2022	0
19	423 GALLATIN ST NW	Lead	9/29/2022	0
20	423 Shepherd St NW	Lead	8/31/2022	0
21	424 Farragut St NW	Lead	10/30/2022	0
22	4536 Lowell St NW	Lead	8/30/2022	0
23	4926 Glenbrook Rd NW	Partial Lead	11/3/2022	0
24	5010 Klinge St NW	Lead	9/28/2022	0
25	5223 KANSAS AVE NW	Partial Lead	11/2/2022	0
26	5309 14th St NW	Lead	7/29/2022	0
27	619 12th St NE	Lead	9/29/2022	0
28	728 FARRAGUT ST NW	Lead	11/3/2022	0

No.	Address	Pipe Material	Collection Date	Lead 2nd Draw (ppb)
29	813 E St SE	Lead	10/9/2022	0
30	912 15TH ST SE	Lead	8/30/2022	0
31	1123 Michigan Ave NE	Lead	9/1/2022	0.2
32	219 Underwood St NW	Lead	8/30/2022	0.2
33	2717 11th St NW	Partial Lead	11/3/2022	0.2
34	3126 38th St NW	Lead	7/20/2022	0.2
35	517 5th St NE	Lead	9/15/2022	0.2
36	231 K St NE	Partial Lead	11/2/2022	0.3
37	313 10TH ST SE	Partial Lead	11/2/2022	0.3
38	4312 14th St NW	Lead	7/28/2022	0.3
39	6811 Laurel St NW	Lead	7/27/2022	0.3
40	3724 CHESAPEAKE ST NW	Partial Lead	11/3/2022	0.4
41	1416 Montague St NW	Lead	7/27/2022	0.5
42	1826 Jackson St NE	Lead	9/28/2022	0.5
43	2913 Brandywine St NW	Lead	9/28/2022	0.5
44	1413 West Virginia Ave NE	lead	11/11/2022	0.6
45	3211 Central Ave NE	Lead	9/29/2022	0.6
46	633 Columbia Rd NW	Lead	7/27/2022	0.6
47	105 14th St NE	Lead	7/27/2022	0.7
48	905 Kent Pl NE	Lead	9/28/2022	0.7
49	1635 WEBSTER ST NW	Lead	9/30/2022	0.8
50	414 DOUGLAS ST NE	Partial Lead	11/3/2022	0.8
51	2435 33RD ST SE	Lead	9/28/2022	1.0
52	4425 14th St NE	Lead	9/28/2022	1.0
53	5404 39TH ST NW	Partial Lead	11/1/2022	1.0
54	904 Crittenden St NW	Lead	7/28/2022	1.0
55	1020 INDEPENDENCE AVE SE	Lead	9/28/2022	1.1
56	1417 Crittenden St NW	Lead	9/1/2022	1.1
57	15 Milmarson Pl NW	Partial Lead	11/3/2022	1.1
58	521 9th St SE	Lead	9/1/2022	1.1
59	5603 14th St NW	Lead	11/30/2022	1.1
60	305 7th St NE	Lead	9/1/2022	1.2
61	1247 GIRARD ST NE	LEAD	9/1/2022	1.3
62	5427 Nevada Ave NW	Lead	8/31/2022	1.3
63	5520 CAROLINA PL NW	LEAD	8/30/2022	1.3

No.	Address	Pipe Material	Collection Date	Lead 2nd Draw (ppb)
64	5700 SHERIER PL NW	Partial Lead	11/3/2022	1.3
65	3617 17th St NE	Lead	9/1/2022	1.4
66	607 Lamont St NW	Lead	7/27/2022	1.4
67	3206 38th St NW	Lead	9/29/2022	1.5
68	3074 Clinton St NE	Lead	9/1/2022	1.8
69	1627 Newton St NW	Lead	7/29/2022	1.9
70	4428 9th St NW	Lead	7/28/2022	2.0
71	2010 Klinge Rd NW	Lead	7/27/2022	2.1
72	4418 14th St NE	Lead	9/30/2022	2.1
73	1346 F St NE	Lead	10/1/2022	2.3
74	307 South Carolina Ave SE	LEAD	8/30/2022	2.3
75	4507 Arkansas Ave NW	Lead	7/29/2022	2.3
76	811 L St NE	Lead	7/28/2022	2.5
77	4215 39th St NW	Partial Lead	11/1/2022	2.6
78	1254 Hamlin St NE	Lead	7/28/2022	2.7
79	702 9th St SE	Lead	9/29/2022	2.8
80	1528 Upshur St NW	Lead	8/7/2022	2.9
81	3629 Everett St NW	LEAD	8/31/2022	2.9
82	4221 4th St NW	Lead	7/27/2022	3.0
83	5121 Cathedral Ave NW	Lead	8/18/2022	3.0
84	3206 5th St SE	Lead	7/28/2022	3.1
85	1353 JEFFERSON ST NW	Partial Lead	11/2/2022	3.2
86	3112 PARK PL NW	Lead	11/3/2022	3.2
87	6611 1st St NW	Lead	7/28/2022	3.2
88	904 Delafield PI NW	Lead	7/14/2022	3.2
89	318 14TH PL NE	Lead	7/25/2022	3.3
90	3511 IDAHO AVE NW	Lead	10/30/2022	3.3
91	228 V ST NE	Lead	9/28/2022	3.4
92	1408 DECATUR ST NW	Lead	8/30/2022	3.5
93	3608 17th St NE	Lead	7/27/2022	3.6
94	1808 KEARNY ST NE	Partial Lead	11/2/2022	3.7
95	1411 Delafield PI NW	Lead	7/28/2022	4.6
96	18 Milmarson PI NW	Lead	7/17/2022	4.7
97	3822 Albemarle St NW	Lead	8/31/2022	5.2
98	10 S St NW	Lead	9/28/2022	5.6

No.	Address	Pipe Material	Collection Date	Lead 2nd Draw (ppb)
99	114 MADISON ST NW	Lead	8/30/2022	5.8
100	3107 Cathedral Ave NW	Lead	8/31/2022	6.0
101	3727 T St NW	Lead	9/29/2022	6.0
102	4710 8th St NW	Lead	10/22/2022	6.8
103	1505 Buchanan St NW	Lead	9/29/2022	8.1
104	232 33rd St NE	Lead	10/19/2022	8.4
105	1148 Abbey Pl NE	Lead	9/9/2022	8.8
106	3004 Alabama Ave SE	Lead	9/1/2022	12.2

Notes:

- 1) Service line material listings are representative of the pipe material known at the time the sample was collected.
- 2) Results expressed as “0” may have been reported by the laboratory as less than 0.0002 mg/L or non-detect.
- 3) The second draw samples were rejected due to sampling error: 1420 Ingraham St NW and 1519 Olive St NE.

**Table B.2 Second Draw Copper Sampling Results**

<b>No.</b>	<b>Address</b>	<b>Pipe Material</b>	<b>Collection Date</b>	<b>Copper 2nd draw (ppb)</b>
1	3822 Albemarle St NW	Lead	8/31/2022	3.9
2	5427 Nevada Ave NW	Lead	8/31/2022	4.3
3	1421 TAYLOR ST NW	Lead	12/12/2022	5.7
4	6611 1st St NW	Lead	7/28/2022	5.7
5	4710 8th St NW	Lead	10/22/2022	6.1
6	5309 14th St NW	Lead	7/29/2022	6.2
7	4428 9th St NW	Lead	7/28/2022	6.4
8	423 Shepherd St NW	Lead	8/31/2022	6.7
9	318 14TH PL NE	Lead	7/25/2022	6.9
10	1148 Abbey Pl NE	Lead	9/9/2022	7.1
11	2414 Observatory Pl NW	Lead	9/1/2022	7.1
12	1620 Webster St NW	Lead	9/29/2022	7.2
13	904 Delafield Pl NW	Lead	7/14/2022	7.2
14	1346 F St NE	Lead	10/1/2022	7.6
15	2416 I St NW	Lead	12/7/2022	7.7
16	3004 Alabama Ave SE	Lead	9/1/2022	7.8
17	3206 5th St SE	Lead	7/28/2022	7.8
18	307 South Carolina Ave SE	LEAD	8/30/2022	8.1
19	4536 Lowell St NW	Lead	8/30/2022	8.2
20	5520 CAROLINA PL NW	LEAD	8/30/2022	8.3
21	5010 Klinge St NW	Lead	9/28/2022	8.4
22	904 Crittenden St NW	Lead	7/28/2022	8.4
23	3629 Everett St NW	LEAD	8/31/2022	8.9
24	728 FARRAGUT ST NW	Lead	11/3/2022	9.3
25	1413 West Virginia Ave NE	lead	11/11/2022	9.7
26	607 Lamont St NW	Lead	7/27/2022	9.7
27	4507 Arkansas Ave NW	Lead	7/29/2022	9.9
28	1115 C St NE	Lead	8/30/2022	10.2
29	15 Milmarson Pl NW	Partial Lead	11/3/2022	10.2
30	5603 14th St NW	Lead	11/30/2022	10.3
31	1332 Ritchie Pl NE	Partial Lead	11/3/2022	10.4
32	317 TENNESSEE AVE NE	Lead	8/31/2022	10.5
33	1020 INDEPENDENCE AVE SE	Lead	9/28/2022	10.6
34	1826 Jackson St NE	Lead	9/28/2022	10.9
35	2717 11th St NW	Partial Lead	11/3/2022	10.9

No.	Address	Pipe Material	Collection Date	Copper 2nd draw (ppb)
36	3107 Cathedral Ave NW	Lead	8/31/2022	11.5
37	3727 T St NW	Lead	9/29/2022	11.5
38	3036 P St NW	Partial Lead	11/3/2022	11.6
39	4312 14th St NW	Lead	7/28/2022	11.6
40	228 V ST NE	Lead	9/28/2022	11.9
41	3608 17th St NE	Lead	7/27/2022	12.2
42	702 9th St SE	Lead	9/29/2022	12.2
43	3112 PARK PL NW	Lead	11/3/2022	12.4
44	10 S St NW	Lead	9/28/2022	13.4
45	1354 D St SE	Partial Lead	11/3/2022	13.4
46	305 7th St NE	Lead	9/1/2022	13.4
47	4926 Glenbrook Rd NW	Partial Lead	11/3/2022	13.4
48	2913 Brandywine St NW	Lead	9/28/2022	13.5
49	22 Bates St NW	Lead	8/1/2022	13.7
50	2435 33RD ST SE	Lead	9/28/2022	14.6
51	3511 IDAHO AVE NW	Lead	10/30/2022	14.6
52	2036 17TH ST NW	Lead	11/3/2022	14.8
53	3617 17th St NE	Lead	9/1/2022	15.0
54	1353 JEFFERSON ST NW	Partial Lead	11/2/2022	15.2
55	4215 39th St NW	Partial Lead	11/1/2022	15.2
56	5223 KANSAS AVE NW	Partial Lead	11/2/2022	15.2
57	313 10TH ST SE	Partial Lead	11/2/2022	15.4
58	521 9th St SE	Lead	9/1/2022	15.6
59	619 12th St NE	Lead	9/29/2022	15.7
60	1635 WEBSTER ST NW	Lead	9/30/2022	16.1
61	4418 14th St NE	Lead	9/30/2022	16.3
62	1310 Locust Rd NW	Lead	10/12/2022	16.6
63	419 12th St SE	Lead	7/27/2022	16.8
64	1528 Upshur St NW	Lead	8/7/2022	17.4
65	423 GALLATIN ST NW	Lead	9/29/2022	17.5
66	3206 38th St NW	Lead	9/29/2022	17.7
67	1505 Buchanan St NW	Lead	9/29/2022	18.7
68	1627 Newton St NW	Lead	7/29/2022	19.0
69	15 14th St SE	Lead	8/31/2022	19.2
70	414 DOUGLAS ST NE	Partial Lead	11/3/2022	19.2
71	1254 Hamlin St NE	Lead	7/28/2022	19.3

No.	Address	Pipe Material	Collection Date	Copper 2nd draw (ppb)
72	813 E St SE	Lead	10/9/2022	19.7
73	5121 Cathedral Ave NW	Lead	8/18/2022	20.2
74	132 11th St SE	LEAD	8/31/2022	20.4
75	114 MADISON ST NW	Lead	8/30/2022	20.9
76	114 4th St NE	Lead	8/11/2022	22.2
77	424 Farragut St NW	Lead	10/30/2022	23.7
78	3211 Central Ave NE	Lead	9/29/2022	24.8
79	2010 Klinge Rd NW	Lead	7/27/2022	26.1
80	6811 Laurel St NW	Lead	7/27/2022	26.4
81	5404 39TH ST NW	Partial Lead	11/1/2022	26.5
82	4221 4th St NW	Lead	7/27/2022	26.9
83	517 5th St NE	Lead	9/15/2022	27.2
84	1225 C St SE	Lead	7/28/2022	27.9
85	3126 38th St NW	Lead	7/20/2022	29.9
86	18 Milmarson Pl NW	Lead	7/17/2022	30.2
87	3074 Clinton St NE	Lead	9/1/2022	30.4
88	1408 DECATUR ST NW	Lead	8/30/2022	30.9
89	1411 Delafield Pl NW	Lead	7/28/2022	32.1
90	231 K St NE	Partial Lead	11/2/2022	33.1
91	633 Columbia Rd NW	Lead	7/27/2022	35.9
92	4425 14th St NE	Lead	9/28/2022	37.2
93	1247 GIRARD ST NE	LEAD	9/1/2022	38.1
94	219 Underwood St NW	Lead	8/30/2022	43.7
95	1417 Crittenden St NW	Lead	9/1/2022	46.5
96	1416 Montague St NW	Lead	7/27/2022	48.1
97	811 L St NE	Lead	7/28/2022	50.8
98	36 Florida Ave NW	Partial Lead	11/3/2022	55.8
99	5700 SHERIER PL NW	Partial Lead	11/3/2022	60.7
100	232 33rd St NE	Lead	10/19/2022	62.4
101	912 15TH ST SE	Lead	8/30/2022	64.3
102	1808 KEARNY ST NE	Partial Lead	11/2/2022	69.9
103	1123 Michigan Ave NE	Lead	9/1/2022	72.0
104	905 Kent Pl NE	Lead	9/28/2022	72.6
105	3724 CHESAPEAKE ST NW	Partial Lead	11/3/2022	115
106	105 14th St NE	Lead	7/27/2022	125

Notes:

- 1) Service line material listings are representative of the pipe material known at the time the sample was collected.
- 2) The second draw samples were rejected due to sampling error: 1420 Ingraham St NW and 1519 Olive St NE.



## Appendix C: Additional Sampling Information

**Table C.1 Sample Kit Distribution**

No	Address	Sample Kit Delivery Date
1	18 Milmarson Pl NW	7/1/2022
2	5121 Cathedral Ave NW	7/11/2022
3	904 Delafield Pl NW	7/11/2022
4	3126 38th St NW	7/19/2022
5	318 14TH PL NE	7/22/2022
6	1049 Quebec Pl NW	7/26/2022
7	105 14th St NE	7/26/2022
8	114 4th St NE	7/26/2022
9	1225 C St SE	7/26/2022
10	1254 Hamlin St NE	7/26/2022
11	1411 Delafield Pl NW	7/26/2022
12	1416 Montague St NW	7/26/2022
13	1528 Upshur St NW	7/26/2022
14	1625 Webster St NW	7/26/2022
15	1627 Newton St NW	7/26/2022
16	1820 6th St NW	7/26/2022
17	2010 Klinge Rd NW	7/26/2022
18	22 Bates St NW	7/26/2022
19	311 Varnum St NW	7/26/2022
20	3206 5th St SE	7/26/2022
21	3608 17th St NE	7/26/2022
22	4118 Emery Pl NW	7/26/2022
23	419 12th St SE	7/26/2022
24	4221 4th St NW	7/26/2022
25	4312 14th St NW	7/26/2022
26	4428 9th St NW	7/26/2022
27	4507 Arkansas Ave NW	7/26/2022
28	48 Channing St NW	7/26/2022
29	521 5th St NE	7/26/2022
30	5242 Colorado Ave NW	7/26/2022
31	5309 14th St NW	7/26/2022
32	607 Lamont St NW	7/26/2022
33	633 Columbia Rd NW	7/26/2022
34	6611 1st St NW	7/26/2022
35	6811 Laurel St NW	7/26/2022
36	7516 14th St NW	7/26/2022
37	811 L St NE	7/26/2022
38	813 E St SE	7/26/2022

<b>No</b>	<b>Address</b>	<b>Sample Kit Delivery Date</b>
39	827 9th St NE	7/26/2022
40	904 Crittenden St NW	7/26/2022
41	3106 Cathedral Ave NW	7/27/2022
42	1528 Upshur St NW	8/5/2022
43	517 5th St NE	8/16/2022
44	1115 C St NE	8/29/2022
45	1123 Michigan Ave NE	8/29/2022
46	114 MADISON ST NW	8/29/2022
47	1247 GIRARD ST NE	8/29/2022
48	132 11th St SE	8/29/2022
49	1408 DECATUR ST NW	8/29/2022
50	1417 Crittenden St NW	8/29/2022
51	15 14th St SE	8/29/2022
52	1620 Underwood St NW	8/29/2022
53	1648 ARGONNE PL NW	8/29/2022
54	219 Underwood St NW	8/29/2022
55	2414 Observatory Pl NW	8/29/2022
56	3004 Alabama Ave SE	8/29/2022
57	305 7th St NE	8/29/2022
58	307 South Carolina Ave SE	8/29/2022
59	3074 Clinton St NE	8/29/2022
60	3107 Cathedral Ave NW	8/29/2022
61	3114 15th St NE	8/29/2022
62	317 TENNESSEE AVE NE	8/29/2022
63	338 14th St SE	8/29/2022
64	3420 34th St NW	8/29/2022
65	3617 17th St NE	8/29/2022
66	3629 Everett St NW	8/29/2022
67	3743 W ST NW	8/29/2022
68	3822 Albemarle St NW	8/29/2022
69	408 16th St SE	8/29/2022
70	423 Shepherd St NW	8/29/2022
71	4536 Lowell St NW	8/29/2022
72	5019 16TH ST NW	8/29/2022
73	503 Alabama Ave SE	8/29/2022
74	521 9th St SE	8/29/2022
75	525 9TH ST SE	8/29/2022
76	5427 Nevada Ave NW	8/29/2022
77	5520 CAROLINA PL NW	8/29/2022
78	559 23rd PL NE	8/29/2022
79	615 Webster St NW	8/29/2022
80	617 FERN PL NW	8/29/2022

No	Address	Sample Kit Delivery Date
81	912 15TH ST SE	8/29/2022
82	1148 Abbey Pl NE	9/6/2022
83	2717 O ST NW	9/7/2022
84	3112 PARK PL NW	9/8/2022
85	10 S St NW	9/27/2022
86	1020 INDEPENDENCE AVE SE	9/27/2022
87	1112 BUCHANAN ST NW	9/27/2022
88	1120 C St NE	9/27/2022
89	120 Kentucky Ave SE	9/27/2022
90	1310 Locust Rd NW	9/27/2022
91	1346 F St NE	9/27/2022
92	1505 Buchanan St NW	9/27/2022
93	1519 Olive St NE	9/27/2022
94	1620 Webster St NW	9/27/2022
95	1635 WEBSTER ST NW	9/27/2022
96	1649 HARVARD ST NW	9/27/2022
97	1706 NEW JERSEY AVE NW	9/27/2022
98	1826 Jackson St NE	9/27/2022
99	2007 37TH ST NW	9/27/2022
100	2111 2nd St NW	9/27/2022
101	228 V ST NE	9/27/2022
102	2326 20th St NW	9/27/2022
103	2435 33RD ST SE	9/27/2022
104	2913 Brandywine St NW	9/27/2022
105	3205 38TH ST NW	9/27/2022
106	3206 38th St NW	9/27/2022
107	3211 Central Ave NE	9/27/2022
108	3309 35TH ST NW	9/27/2022
109	3567 Holmead Pl NW	9/27/2022
110	3721 PORTER ST NW	9/27/2022
111	3727 T St NW	9/27/2022
112	412 BRANDYWINE ST SE	9/27/2022
113	423 GALLATIN ST NW	9/27/2022
114	4418 14th St NE	9/27/2022
115	4425 14th St NE	9/27/2022
116	5010 Klinge St NW	9/27/2022
117	519 Rittenhouse St NW	9/27/2022
118	5600 NEBRASKA AVE NW	9/27/2022
119	619 12th St NE	9/27/2022
120	702 9th St SE	9/27/2022
121	804 Delafield Pl NW	9/27/2022
122	905 Kent Pl NE	9/27/2022

<b>No</b>	<b>Address</b>	<b>Sample Kit Delivery Date</b>
123	424 Farragut St NW	10/5/2022
124	2416 I St NW	10/7/2022
125	3511 IDAHO AVE NW	10/12/2022
126	232 33rd St NE	10/17/2022
127	4710 8th St NW	10/17/2022
128	5603 14th St NW	10/27/2022
129	1211 Carrollsburg Pl SW	11/1/2022
130	1332 Ritchie Pl NE	11/1/2022
131	1353 JEFFERSON ST NW	11/1/2022
132	1354 D St SE	11/1/2022
133	1420 INGRAHAM ST NW	11/1/2022
134	1453 S St NW	11/1/2022
135	15 Milmarson Pl NW	11/1/2022
136	1808 KEARNY ST NE	11/1/2022
137	2036 17TH ST NW	11/1/2022
138	231 K St NE	11/1/2022
139	2717 11th St NW	11/1/2022
140	2923 Cathedral AVE NW	11/1/2022
141	3030 44TH ST NW	11/1/2022
142	3036 P St NW	11/1/2022
143	313 10TH ST SE	11/1/2022
144	3301 BROWN St NW	11/1/2022
145	36 Florida Ave NW	11/1/2022
146	3724 CHESAPEAKE ST NW	11/1/2022
147	414 DOUGLAS ST NE	11/1/2022
148	4215 39th St NW	11/1/2022
149	4233 JENIFER ST NW	11/1/2022
150	4818 8th ST NW	11/1/2022
151	4926 Glenbrook Rd NW	11/1/2022
152	5223 KANSAS AVE NW	11/1/2022
153	523 12th st NE	11/1/2022
154	5404 39TH ST NW	11/1/2022
155	5700 SHERIER PL NW	11/1/2022
156	728 FARRAGUT ST NW	11/1/2022
157	744 9TH ST SE	11/1/2022
158	1413 West Virginia Ave NE	11/4/2022
159	2416 I St NW	11/4/2022
160	1421 TAYLOR ST NW	12/7/2022

**Table C.2 Sample Kits Not Returned**

<b>No</b>	<b>Address</b>	<b>Sample Kit Delivery Date</b>
1	1049 Quebec Pl NW	7/26/2022
2	1625 Webster St NW	7/26/2022
3	311 Varnum St NW	7/26/2022
4	4118 Emery Pl NW	7/26/2022
5	48 Channing St NW	7/26/2022
6	5242 Colorado Ave NW	7/26/2022
7	7516 14th St NW	7/26/2022
8	827 9th St NE	7/26/2022
9	3106 Cathedral Ave NW	7/27/2022
10	1620 Underwood St NW	8/29/2022
11	3114 15th St NE	8/29/2022
12	338 14th St SE	8/29/2022
13	3420 34th St NW	8/29/2022
14	3743 W ST NW	8/29/2022
15	408 16th St SE	8/29/2022
16	5019 16TH ST NW	8/29/2022
17	559 23rd Pl NE	8/29/2022
18	615 Webster St NW	8/29/2022
19	617 FERN Pl NW	8/29/2022
20	2717 O ST NW	9/7/2022
21	1112 BUCHANAN ST NW	9/27/2022
22	1120 C St NE	9/27/2022
23	120 Kentucky Ave SE	9/27/2022
24	1649 HARVARD ST NW	9/27/2022
25	1706 NEW JERSEY AVE NW	9/27/2022
26	2007 37TH ST NW	9/27/2022
27	2111 2nd St NW	9/27/2022
28	2326 20th St NW	9/27/2022
29	3205 38TH ST NW	9/27/2022
30	3309 35TH ST NW	9/27/2022
31	3567 Holmead Pl NW	9/27/2022
32	3721 PORTER ST NW	9/27/2022
33	519 Rittenhouse St NW	9/27/2022
34	5600 NEBRASKA AVE NW	9/27/2022
35	1211 Carrollsburg Pl SW	11/1/2022
36	1453 S St NW	11/1/2022
37	2923 Cathedral AVE NW	11/1/2022
38	3030 44TH ST NW	11/1/2022
39	3301 BROWN St NW	11/1/2022
40	4233 JENIFER ST NW	11/1/2022

<b>No</b>	<b>Address</b>	<b>Sample Kit Delivery Date</b>
41	523 12th st NE	11/1/2022
42	744 9TH ST SE	11/1/2022

**Table C.3 Samples Returned but Rejected for Analysis**

<b>No</b>	<b>Address</b>	<b>Sample Kit Delivery Date</b>	<b>Reject Reason</b>
1	1528 Upshur St NW	7/26/2022	Water used during stagnation period
2	1648 ARGONNE PL NW	8/29/2022	Reported home was built after 1982 therefore Lead service line possibly replaced
3	1820 6th St NW	7/26/2022	Customer reported they have a multi-family home
4	2416 I St NW	10/7/2022	Samples exceeded 14 day holding time
5	412 BRANDYWINE ST SE	9/27/2022	Samples collected after lead service line replacement and invalidated by EPA; see Appendix D
6	4818 8th ST NW	11/1/2022	Lead service line replacement prior to sample collection
7	503 Alabama Ave SE	8/29/2022	Lead service line replacement prior to sample collection
8	521 5th St NE	7/26/2022	The icemaker could have used water during stagnation period
9	525 9TH ST SE	8/29/2022	Water stagnation unknown
10	804 Delafield PI NW	9/27/2022	Samples collected after lead service line replacement and invalidated by EPA; see Appendix D

**Table C.4 Deviations from Sample Order**

No	Address	Deviation
1	104 7th ST NE	Service line replacement prior to scheduled drop date
2	1112 BUCHANAN ST NW	Not available scheduled month; requested following month
3	1123 Michigan Ave NE	Not available scheduled month; requested following month
4	1148 Abbey PI NE	New participant <sup>[1]</sup>
5	1413 West Virginia Ave NE	New participant <sup>[1]</sup>
6	1621 C St SE	Not available scheduled month
8	18 Milmarson PI NW	Previously removed from Sample Pool; customer requested sampling again
9	232 33rd St NE	New participant <sup>[1]</sup>
10	2416 I St NW	New participant <sup>[1]</sup>
11	2717 O ST NW	Requested sample kit earlier than scheduled
12	3106 Cathedral Ave NW	New participant <sup>[1]</sup>
13	3107 Cathedral Ave NW	Not available scheduled month; requested following month
14	3112 PARK PL NW	Requested sample kit earlier than scheduled
16	3126 38th St NW	New participant <sup>[1]</sup>
17	318 14TH PL NE	Requested sample kit earlier than scheduled
18	3416 9th St NE	Requested to not participate; removed from Sample Pool
19	3511 IDAHO AVE NW	New participant <sup>[1]</sup>
20	3567 Holmead PI NW	Not available scheduled month; requested following month
21	3907 13th St NW	Lead service line replacement prior to scheduled drop date
22	4011 13TH ST NW	Lead service line replacement prior to scheduled drop date
23	424 Farragut St NW	New participant <sup>[1]</sup>
24	450 Newton PI NW	Lead service line replacement prior to scheduled drop date
25	4710 8th St NW	New participant <sup>[1]</sup>
26	511 Tennessee Ave NE	Customer notified DC Water that they collected sample bottles from last semester so we did not drop another and they did not return the samples.
28	5121 Cathedral Ave NW	New participant <sup>[1]</sup>
29	517 5th St NE	New participant <sup>[1]</sup>
30	521 9th St SE	Not available scheduled month; requested following month
31	5603 14th St NW	New participant <sup>[1]</sup>
32	728 FARRAGUT ST NW	Not available scheduled month; requested following month
34	904 Delafield PI NW	New participant <sup>[1]</sup>

Notes:

- 1) New participant: Customer contacted DC Water to request a lead test and agreed to participate in the Lead and Copper Monitoring Program. DC Water confirmed that the address met Tier 1 criteria under 40 CFR 141.86(a)(3) as a single family structure that is served by a full lead service line based on DC Water's customer information and service line inventory records.



**Table C.5 Sites with Compliance Results from July 2021 through June 2022 and No Results in July through December 2022**

<b>No.</b>	<b>Address</b>	<b>Reason</b>
1	1012 DOUGLAS ST NE	Removed prior to this semester
2	104 7th ST NE	Removed this semester (replaced service line which was found to be copper and galvanized iron)
3	1049 Quebec Pl NW	Removed this semester (communicated they do not want to participate)
4	1120 C St NE	Samples not returned; see Table C.2
5	120 Kentucky Ave SE	Samples not returned; see Table C.2
6	1211 Carrollsburg Pl SW	Samples not returned; see Table C.2
7	1402 MORSE ST NE	Removed prior to this semester
8	1621 C St SE	Not available during scheduled sample kit distribution
9	1630 NEW JERSEY AVE NW	Removed prior to this semester
10	1648 ARGONNE PL NW	Samples rejected; see Table C.3
11	1649 HARVARD ST NW	Samples not returned; see Table C.2
12	1809 Monroe St NE	Removed prior to this semester
13	2007 37TH ST NW	Samples not returned; see Table C.2
14	2032 37TH ST NW	Removed prior to this semester
15	2326 20th St NW	Samples not returned; see Table C.2
16	2717 O ST NW	Samples not returned; see Table C.2
17	2923 Cathedral AVE NW	Samples not returned; see Table C.2
18	3030 44TH ST NW	Samples not returned; see Table C.2
19	311 Varnum St NW	Samples not returned; see Table C.2
20	3114 15th St NE	Samples not returned; see Table C.2
21	316 12th St NE	Removed prior to this semester
22	3301 BROWN St NW	Samples not returned; see Table C.2
23	333 17th St NE	Removed prior to this semester
24	338 14th St SE	Samples not returned; see Table C.2
25	3416 9th St NE	Removed this semester (communicated they do not want to participate)
26	3567 Holmead Pl NW	Samples not returned; see Table C.2
27	3615 Albemarle St NW	Removed prior to this semester
28	3721 PORTER ST NW	Samples not returned; see Table C.2
29	3743 W ST NW	Samples not returned; see Table C.2
30	3846 Beecher St NW	Removed prior to this semester
31	3850 Beecher St NW	Removed prior to this semester
32	3854 Beecher St NW	Removed prior to this semester
33	3907 13th St NW	Removed this semester (replaced lead service line)
34	3916 KANSAS AVE NW	Removed prior to this semester
35	4011 13TH ST NW	Removed prior to this semester
36	408 16th St SE	Samples not returned; see Table C.2
37	4118 Emery Pl NW	Removed this semester (communicated they do not want to participate)
38	412 BRANDYWINE ST SE	Removed prior to this semester

<b>No.</b>	<b>Address</b>	<b>Reason</b>
39	4233 JENIFER ST NW	Samples not returned; see Table C.2
40	450 Newton Pl NW	Removed this semester (replaced lead service line)
41	48 Channing St NW	Samples not returned; see Table C.2
42	4818 8th ST NW	Samples rejected; see Table C.3
43	513 Montana Ave NE	Removed prior to this semester
44	519 Rittenhouse St NW	Samples not returned; see Table C.2
45	521 5th St NE	Samples rejected; see Table C.3
46	5213 Kansas Ave NW	Removed prior to this semester
47	523 12th st NE	Samples not returned; see Table C.2
48	5242 Colorado Ave NW	Samples not returned; see Table C.2
49	525 9TH ST SE	Samples rejected; see Table C.3
50	5510 Kansas Ave NW	Removed prior to this semester
51	559 23rd Pl NE	Samples not returned; see Table C.2
52	5600 NEBRASKA AVE NW	Samples not returned; see Table C.2
53	5710 13th St NW	Removed prior to this semester
54	744 9TH ST SE	Samples not returned; see Table C.2
55	804 Delafield Pl NW	Removed prior to this semester
56	816 9th St NE	Removed prior to this semester
57	827 9th St NE	Samples not returned; see Table C.2
58	909 L ST NE	Removed prior to this semester
59	915 9th St NE	Removed prior to this semester

**Table C.6 Customer Notification of Results**

<b>No</b>	<b>Address</b>	<b>Date received from Laboratory</b>	<b>Date Letter Sent to Customer</b>
1	904 Delafield PI NW	8/4/2022	8/4/2022
2	1225 C St SE	8/11/2022	8/12/2022
3	1254 Hamlin St NE	8/11/2022	8/12/2022
4	1411 Delafield PI NW	8/11/2022	8/12/2022
5	1416 Montague St NW	8/11/2022	8/12/2022
6	18 Milmarson PI NW	8/11/2022	8/12/2022
7	2010 Klinge Rd NW	8/11/2022	8/12/2022
8	3126 38th St NW	8/11/2022	8/12/2022
9	318 14TH PL NE	8/11/2022	8/12/2022
10	3206 5th St SE	8/11/2022	8/12/2022
11	3608 17th St NE	8/11/2022	8/12/2022
12	419 12th St SE	8/11/2022	8/12/2022
13	4221 4th St NW	8/11/2022	8/12/2022
14	4312 14th St NW	8/11/2022	8/12/2022
15	4507 Arkansas Ave NW	8/11/2022	8/12/2022
16	607 Lamont St NW	8/11/2022	8/12/2022
17	633 Columbia Rd NW	8/11/2022	8/12/2022
18	6611 1st St NW	8/11/2022	8/12/2022
19	811 L St NE	8/11/2022	8/12/2022
20	904 Crittenden St NW	8/11/2022	8/12/2022
21	105 14th St NE	8/24/2022	8/25/2022
22	1528 Upshur St NW	8/24/2022	8/25/2022
23	1627 Newton St NW	8/24/2022	8/25/2022
24	22 Bates St NW	8/24/2022	8/25/2022
25	4428 9th St NW	8/24/2022	8/25/2022
26	5309 14th St NW	8/24/2022	8/25/2022
27	6811 Laurel St NW	8/24/2022	8/25/2022
28	114 4th St NE	9/1/2022	9/1/2022
29	1115 C St NE	9/21/2022	9/23/2022
30	1123 Michigan Ave NE	9/21/2022	9/23/2022
31	114 MADISON ST NW	9/21/2022	9/23/2022
32	1247 GIRARD ST NE	9/21/2022	9/23/2022
33	132 11th St SE	9/21/2022	9/23/2022
34	1408 DECATUR ST NW	9/21/2022	9/23/2022
35	1417 Crittenden St NW	9/21/2022	9/23/2022
36	15 14th St SE	9/21/2022	9/23/2022
37	219 Underwood St NW	9/21/2022	9/23/2022
38	2414 Observatory PI NW	9/21/2022	9/23/2022
39	3004 Alabama Ave SE	9/21/2022	9/23/2022
40	305 7th St NE	9/21/2022	9/23/2022

<b>No</b>	<b>Address</b>	<b>Date received from Laboratory</b>	<b>Date Letter Sent to Customer</b>
41	307 South Carolina Ave SE	9/21/2022	9/23/2022
42	3074 Clinton St NE	9/21/2022	9/23/2022
43	3107 Cathedral Ave NW	9/21/2022	9/23/2022
44	317 TENNESSEE AVE NE	9/21/2022	9/23/2022
45	3617 17th St NE	9/21/2022	9/23/2022
46	3629 Everett St NW	9/21/2022	9/23/2022
47	3822 Albemarle St NW	9/21/2022	9/23/2022
48	423 Shepherd St NW	9/21/2022	9/23/2022
49	4536 Lowell St NW	9/21/2022	9/23/2022
50	5121 Cathedral Ave NW	9/21/2022	9/23/2022
51	5427 Nevada Ave NW	9/21/2022	9/23/2022
52	5520 CAROLINA PL NW	9/21/2022	9/23/2022
53	912 15TH ST SE	9/21/2022	9/23/2022
54	1148 Abbey Pl NE	10/5/2022	10/7/2022
55	517 5th St NE	10/5/2022	10/7/2022
56	521 9th St SE	10/5/2022	10/7/2022
57	10 S St NW	11/10/2022	11/10/2022
58	1020 INDEPENDENCE AVE SE	11/10/2022	11/10/2022
59	1310 Locust Rd NW	11/10/2022	11/10/2022
60	1346 F St NE	11/10/2022	11/10/2022
61	1505 Buchanan St NW	11/10/2022	11/10/2022
62	1519 Olive St NE	11/10/2022	11/10/2022
63	1620 Webster St NW	11/10/2022	11/10/2022
64	1635 WEBSTER ST NW	11/10/2022	11/10/2022
65	1826 Jackson St NE	11/10/2022	11/10/2022
66	228 V ST NE	11/10/2022	11/10/2022
67	2435 33RD ST SE	11/10/2022	11/10/2022
68	2913 Brandywine St NW	11/10/2022	11/10/2022
69	3206 38th St NW	11/10/2022	11/10/2022
70	3211 Central Ave NE	11/10/2022	11/10/2022
71	3727 T St NW	11/10/2022	11/10/2022
72	423 GALLATIN ST NW	11/10/2022	11/10/2022
73	4418 14th St NE	11/10/2022	11/10/2022
74	4425 14th St NE	11/10/2022	11/10/2022
75	5010 Klinge St NW	11/10/2022	11/10/2022
76	619 12th St NE	11/10/2022	11/10/2022
77	702 9th St SE	11/10/2022	11/10/2022
78	813 E St SE	11/10/2022	11/10/2022
79	905 Kent Pl NE	11/10/2022	11/10/2022
80	1332 Ritchie Pl NE	12/5/2022	12/6/2022
81	1353 JEFFERSON ST NW	12/5/2022	12/6/2022

<b>No</b>	<b>Address</b>	<b>Date received from Laboratory</b>	<b>Date Letter Sent to Customer</b>
82	1354 D St SE	12/5/2022	12/6/2022
83	1420 INGRAHAM ST NW	12/5/2022	12/6/2022
84	15 Milmarson Pl NW	12/5/2022	12/6/2022
85	1808 KEARNY ST NE	12/5/2022	12/6/2022
86	2036 17TH ST NW	12/5/2022	12/6/2022
87	231 K St NE	12/5/2022	12/6/2022
88	232 33rd St NE	12/5/2022	12/6/2022
89	2717 11th St NW	12/5/2022	12/6/2022
90	3036 P St NW	12/5/2022	12/6/2022
91	3112 PARK PL NW	12/5/2022	12/6/2022
92	313 10TH ST SE	12/5/2022	12/6/2022
93	3511 IDAHO AVE NW	12/5/2022	12/6/2022
94	36 Florida Ave NW	12/5/2022	12/6/2022
95	3724 CHESAPEAKE ST NW	12/5/2022	12/6/2022
96	414 DOUGLAS ST NE	12/5/2022	12/6/2022
97	4215 39th St NW	12/5/2022	12/6/2022
98	424 Farragut St NW	12/5/2022	12/6/2022
99	4710 8th St NW	12/5/2022	12/6/2022
100	4926 Glenbrook Rd NW	12/5/2022	12/6/2022
101	5223 KANSAS AVE NW	12/5/2022	12/6/2022
102	5404 39TH ST NW	12/5/2022	12/6/2022
103	5700 SHERIER PL NW	12/5/2022	12/6/2022
104	728 FARRAGUT ST NW	12/5/2022	12/6/2022
105	1413 West Virginia Ave NE	12/9/2022	12/9/2022
106	1421 TAYLOR ST NW	1/3/2023	1/3/2023
107	2416 I St NW	1/3/2023	1/3/2023
108	5603 14th St NW	1/3/2023	1/3/2023

# Appendix D

## Invalidated Samples

**From:** [Libertz, Catherine](#)  
**To:** [Maureen Schmelling](#)  
**Cc:** [Anjuman Islam](#); [Crumlish, Karen](#)  
**Subject:** FW: LCR sample invalidation requests  
**Date:** Tuesday, December 20, 2022 4:59:16 PM  
**Attachments:** [image003.png](#)  
[image004.png](#)  
[image005.png](#)  
**Importance:** High

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**EXTERNAL EMAIL: This email was NOT sent by a DC Water Team Member. Use CAUTION before CLICKING a link or OPENING any attachment in this email.**

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Good afternoon, Maureen.

My staff have reviewed the request submitted by DC Water on December 13, 2022 to invalidate lead and copper results from two sites: 412 Brandywine St SE and 804 Delafield PI NW. DC Water confirmed that it replaced lead and galvanized iron pipe on the public side and connected to copper on the private site at 412 Brandywine St SE, and replaced lead pipe on both the public and private sides at 804 Delafield PI NW. Samples were collected after the lead service lines were replaced.

As stipulated in 40 CFR 141.86(f)(1)(ii), the primacy agency may invalidate a sample if it determines that the sample was taken from a site that did not meet the site selection criteria. Therefore, as the samples collected on September 29, 2022 at 412 Brandywine St SE and 804 Delafield PI NW were collected after replacement of the lead service lines, we agree to invalidate the samples. Please confirm that the loss of these sites from your Tier 1 list won't impact the minimum number of required sample sites per 40 CFR 141.86(c).

If you have any questions, feel free to reach out to me or EPA Region 3 Drinking Water Branch Chief Karrie Crumlish who is cc'd on this email.

Sincerely,  
Cathy

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**Catherine A. Libertz**  
Director, Water Division  
US EPA Mid-Atlantic Region  
**Phone** 215-814-2737  
**Email** [libertz.catherine@epa.gov](mailto:libertz.catherine@epa.gov)



**From:** Maureen Schmelling [Maureen.Schmelling@dcwater.com](mailto:Maureen.Schmelling@dcwater.com)

**Sent:** Tuesday, December 13, 2022 1:10 PM

**To:** Zirilli, Alysa [Zirilli.Alysa@epa.gov](mailto:Zirilli.Alysa@epa.gov)

**Cc:** Anjuman.Islam [Anjuman.Islam@dcwater.com](mailto:Anjuman.Islam@dcwater.com)

**Subject:** LCR sample invalidation requests

Alysa, the Washington Aqueduct laboratory processed two LCR samples that were collected after the lead service lines were replaced. We request EPA to invalidate these samples. I attached the Chain of Custodies (sample forms), lead and copper results, and the field replacement reports. Please note, DC Water replaced lead and galvanized iron pipe on public side and connected to copper on the private site at 412 Brandywine St SE and replaced lead pipe on both public and private sides at 804 Delafield PI NW.

Sincerely,

Maureen Schmelling  
Director, Water Quality and Technology  
DC Water  
202-364-3131