



2025 Lead and Copper Rule Sampling Plan

Sample Pool and Selection

The District of Columbia Water and Sewer Authority (DC Water) will collect samples from at least 100 Tier 1 sites in two semester periods—January to June 2025 and July to December 2025. Sample sites meeting Tier 1 criteria under [40 CFR §141.86\(a\)\(3\)\(ii\) \(July 1, 2020\)](#) [citation updates on November 1, 2027] as single-family structures that are served by a lead service line based on DC Water’s customer information and service line inventory records.

DC Water maintains a LCR “Sample Pool” of sites listed in Table 1. DC Water also receives requests from our customers to test their tap water for lead. DC Water will include these customer-requested sites in the LCR sampling program if they meet the Tier 1 criteria: single family structures having a full or partial lead service line based on DC Water’s customer information and service line inventory records; agree to participate in the program; can collect a valid LCR sample; and are not already in the Sample Pool.

DC Water will attempt to send sample bottles to all sites in Table 1 and to the approved customer-requested sites until at least the minimum number of valid compliance samples has been collected. In the event that the number of valid compliance samples is insufficient to meet the LCR monitoring requirements, DC Water will add sites with full lead service lines, be a single-family structure according to DC Water customer information and service line inventory records, and the customer agrees to participate in the LCR sampling program. DC Water will retain added sites that provide samples (homes that do not return samples will not be included in the next semester’s Sample Pool).

DC Water will schedule and distribute samples to Sample Pool sites in the order listed in Table 1. DC Water may sample locations out-of-order if the first sample submitted was rejected (refer to Criteria for Sample Acceptance section) and the customer requests a second sample kit. DC Water may also sample out-of-order if the customer requests a different sample date. DC Water will not leave a sample kit under the following conditions:

- Abandoned residence
- Partial lead service line replacement within 60 days of sample kit drop-off;
- Customer states they do not want to participate in the LCR sample collection;
- Tier 1 status is suspect (e.g. possible condo conversion); or
- Site is undergoing rehabilitation.

DC Water will investigate to determine if the site should remain in the Sample Pool; however, the site will not be sampled until the following compliance period unless requested by the customer.

Sample Collection

DC Water will collect samples between January and December 2025 (first monitoring period is January to June and the second is July to December). The homeowner will collect first and second draw samples following the instructions in the sample kit and complete the sampling form (or chain of custody; reference Appendix A). The samples will be sent to a certified laboratory, currently the Washington Aqueduct (WA), to analyze the lead, copper, and iron concentrations in the samples using Environmental Protection Agency (EPA) Method 200.8.

Criteria for Acceptance or Rejection of a Valid Compliance Sample

DC Water will forward samples to WA using the following criteria:

1. Bottles:
 - First draw sample bottle is full; and
 - First draw sample bottle is identified.
2. Sampling form or bottles must have the following information:
 - Address on bottles match address on sampling form;
 - Site is a single family structure (i.e., answered “No” to having multiple dwelling units);
 - Date and time stagnation started;
 - Date and time sample collected;
 - Stagnation time at least 6 hours;
 - No leaks or water use during stagnation; and
 - If the customer has a water treatment unit installed, they must indicate that the system was bypassed for sampling.
3. DC Water receives samples after a sufficient number of valid samples have been received for the current compliance period.
 - DC Water might not have sufficient time to confirm the samples are valid, analyze, and report the data prior to the required reporting date of July 10th and January 10th. If we choose to reject the samples for LCR analyses, then DC Water will contact the customer and request they collect the samples again for the new monitoring period.

DC Water will attempt to obtain any missing information from incomplete sampling forms by contacting the customer. DC Water will transfer the missing information onto the sampling form and initial and date the notes.

Sample Invalidation

DC Water will request invalidation from EPA Region III for samples analyzed by WA laboratory based on [40 CFR 141.86\(f\) \(July 1, 2020\)](#) [citation updates November 1, 2027]

- The laboratory establishes that improper analysis caused erroneous results;
- The sample was taken from a site that did not meet Tier 1 criteria;
- The sample or sample container was damaged during transit; or
- There is substantial reason to suspect that the sample was subject to tampering.

DC Water will also request invalidation of samples analyzed by the WA laboratory if we learn that the sampling protocol was not followed and therefore may have affected the results or if DC Water’s service line information indicated the site did not meet Tier 1 status on the day of sample collection.

Notifying Customers of Results

In accordance with [40 CFR 141.85\(d\) \(July 1, 2020\)](#), DC Water will mail sample results and lead and copper information in hard-copy format to the address where the sample was collected no later than 30 business days after receiving sample results from the laboratory. In addition, DC Water will email the letter content to those participants that provided their email address. Appendix B contains the template letter used to send residents their results, which includes the required information in accordance with [40 CFR 141.85\(d\)\(3\) \(July 1, 2020\)](#).

Sample Pool Revisions (Tables 2 and 3)

Sites will be removed from the Sample Pool under the following conditions:

- Site does not meet Tier 1 criteria (e.g. site is not a single family structure; condo conversion, no lead service line);
- Customer notifies DC Water that they do not want to participate;
- Customer cannot provide a valid sample (e.g. water treatment unit cannot be bypassed); or
- For the last four consecutive sampling events of the site (i.e., sample kit dropped at the site), valid compliance samples were not returned from the site.
- Customer requested to participate in program and did not return valid samples in their first sampling semester.

DC Water will assess the geographic distribution of the sites in the Sample Pool. DC Water may select new sites to improve geographic distribution if the sites are not representative of the lead service line distribution.

Reporting Format

The lead and copper monitoring report will be submitted to EPA Region III in electronic format by July 10, 2025 and January 10, 2026, which are 10 days following the end of the LCR monitoring compliance periods. The report format will comply with 40 CFR §141.90. DC Water will report lead results as “0.0000” that have been reported by the WA laboratory as non-detect (<0.0002 mg/L).

Action Level Exceedance

DC Water will notify EPA Region III within 24 hours of determining that the 90th percentile lead (0.015 mg/L) or copper (1.3 mg/L) action level has been exceeded.

As detailed in [40 CFR §141.202\(a\) \(July 1, 2024\)](#) a lead action level exceedance (ALE) requires Tier 1 public notice within 24 hours. Copies of the Tier 1 public notice will be sent to EPA Region 3 and to EPA’s lead ALE inbox (LeadALE@epa.gov) no later than 24 hours after learning of the lead ALE. DC Water will follow the public education requirements for lead ALE as detailed in 40 CFR §141.85 and will include the updated health effects of lead language as detailed in [40 CFR §141.85\(a\)\(1\)\(ii\) \(July 1, 2024\)](#).

Optimal Corrosion Control Treatment Monitoring (OCCT)

DC Water will monitor for the OCCT Water Quality Parameters (WQP) twice per calendar year at 10 sites as required by 40 CFR §141.87(e)(2)(i). In order to achieve seasonal variability, DC Water will collect samples quarterly at the 10 sites listed in Table 4. One set of 5 sites will be sampled in February and August and a second set of 5 sites will be sampled in May and November. The parameters monitored will be pH, dissolved orthophosphate, nitrite, and free ammonia. DC Water will report the WQP distribution system data by the 10th of the month following the end of the quarter (April, July, October, and January), which is 10 days following the end of the OCCT WQP monitoring compliance period. DC Water will also report entry point data collected by the Washington Aqueduct 10 days following the end of the LCR semester monitoring period.

Table 1. January – June 2025 Sample Pool

No	Address	Pipe Material
1	3810 MILITARY RD NW	Lead
2	1620 Gales St NE	Lead
3	1611 Lawrence St NE	Lead
4	2246 S St SE	Partial Lead
5	6125 29th St NW	Lead
6	1534 East Capitol St NE	Lead
7	4610 Iowa Ave NW	Lead
8	1372 C St NE	Lead
9	1501 Harvard St NW	Lead
10	812 Van Buren ST NW	Lead
11	4310 Chesapeake St NW	Lead
12	6306 8th St NW	Lead
13	6001 3rd St NW	Lead
14	2404 20th St NW	Lead
15	1426 F St NE	Lead
16	1318 Belmont St NW	Lead
17	2705 Hamlin St NE	Lead
18	716 Decatur St NW	Lead
19	927 E St NE	Lead
20	1513 35th St NW	Lead
21	119 Tennessee Ave NE	Lead
22	3838 Cathedral Ave NW	Lead
23	5403 39th St NW	Lead
24	4111 38th St NW	Lead
25	5510 9th St NW	Lead
26	424 WARNER ST NW	Lead
27	34 U St NW	Lead
28	4421 9th St NW	Lead
29	3202 10TH ST NE	Lead
30	708 9th St SE	Lead
31	5015 9th St NW	Lead
32	5227 Sherier Pl NW	Lead
33	541 Shepherd St NW	Lead
34	5127 5th ST NW	Lead
35	417 Shepherd St NW	Lead
36	1323 V St NW	Lead
37	229 Rhode Island Ave NW	Lead
38	1334 E St NE	Lead
39	2734 34th Pl NW	Lead
40	4125 46th St NW	Lead
41	658 E St SE	Lead

No	Address	Pipe Material
42	1522 New Jersey Ave NW	Lead
43	5242 Colorado Ave NW	Lead
44	4428 9th St NW	Lead
45	1254 Hamlin St NE	Lead
46	521 9th St SE	Lead
47	3107 Cathedral Ave NW	Lead
48	5309 14th St NW	Lead
49	1621 C St SE	Lead
50	3608 17th St NE	Lead
51	811 L St NE	Lead
52	1148 Abbey Pl NE	Lead
53	3511 IDAHO AVE NW	Lead
54	4710 8th St NW	Lead
55	105 14th St NE	Lead
56	22 Bates St NW	Lead
57	517 5th St NE	Lead
58	813 E St SE	Lead
59	827 9th St NE	Lead
60	2010 Klinge Rd NW	Lead
61	615 Webster St NW	Lead
62	3617 17th St NE	Lead
63	3420 34th St NW	Lead
64	3629 Everett St NW	LEAD
65	132 11th St SE	LEAD
66	307 South Carolina Ave SE	LEAD
67	1247 GIRARD ST NE	LEAD
68	1354 D St SE	Partial Lead
69	2717 11th St NW	Partial Lead
70	3074 Clinton St NE	Lead
71	338 14th St SE	Lead
72	2717 O ST NW	Lead
73	1115 C St NE	Lead
74	408 16th St SE	Lead
75	3567 Holmead Pl NW	Lead
76	525 9TH ST SE	Lead
77	5427 Nevada Ave NW	Lead
78	1408 DECATUR ST NW	Lead
79	423 Shepherd St NW	Lead
80	317 TENNESSEE AVE NE	Lead
81	114 MADISON ST NW	Lead
82	5700 SHERIER PL NW	Partial Lead
83	3114 15th St NE	Lead
84	3112 PARK PL NW	Lead

No	Address	Pipe Material
85	3721 PORTER ST NW	Lead
86	1120 C St NE	Lead
87	5010 Klinge St NW	Lead
88	5324 COLORADO AVE NW	Lead
89	5600 NEBRASKA AVE NW	Lead
90	3205 38TH ST NW	Lead
91	423 GALLATIN ST NW	Lead
92	1808 KEARNY ST NE	Partial Lead
93	228 V ST NE	Lead
94	2007 37TH ST NW	Partial Lead
95	3206 38th St NW	Lead
96	4215 39th St NW	Partial Lead
97	4926 Glenbrook Rd NW	Partial Lead
98	702 9th St SE	Lead
99	1211 Carrollsburg Pl SW	Partial Lead
100	231 K St NE	Partial Lead
101	619 12th St NE	Lead
102	4418 14th St NE	Lead
103	3211 Central Ave NE	Lead
104	905 Kent Pl NE	Lead
105	10 S St NW	Lead
106	1519 Olive St NE	Lead
107	36 Florida Ave NW	Lead
108	1505 Buchanan St NW	Lead
109	1346 F St NE	Lead
110	1420 INGRAHAM ST NW	Lead
111	1020 INDEPENDENCE AVE SE	Lead
112	5223 KANSAS AVE NW	Lead
113	2036 17TH ST NW	Lead
114	414 DOUGLAS ST NE	Partial Lead
115	114 3rd St SE	Lead
116	540 5th St SE	Lead
117	1415 F St NE	Partial Lead
118	3741 McKinley St NW	Lead
119	1421 TAYLOR ST NW	Lead

Table 2. Sites Added Since the Previously Submitted Sample Pool (2024 July – December)

No	Address	Pipe Material
1	119 Tennessee Ave NE	Lead
2	1318 Belmont St NW	Lead
3	1426 F St NE	Lead
4	1513 35th St NW	Lead
5	1634 44th St NW	Lead
6	1844 47th Pl NW	Lead
7	2039 2nd St NE	Lead
8	2246 S St SE	Partial Lead
9	2404 20th St NW	Lead
10	2705 Hamlin St NE	Lead
11	3205 38th St NW	Lead
12	3838 Cathedral Ave NW	Lead
13	5324 COLORADO AVE NW	Lead
14	6001 3rd St NW	Lead
15	716 Decatur St NW	Lead
16	83 R St NW	Lead
17	927 E St NE	Lead

Note for Table 2:

Sites are added when a customer contacts DC Water to request a lead test, and agree to participate in the Lead and Copper Monitoring Program. DC Water confirms that the address met Tier 1 criteria under 40 CFR 141.86(a)(4)(i) as single family structure with a partial or full lead service line based on DC Water's customer information and service line inventory records. The site is not retained if the customer does not provide samples.

Table 3. Sites Removed From the Previous Sample Pool (2024 July – December)

No	Address	Reason for Removal
1	120 Kentucky Ave SE	Customer no longer wants to participate in program
2	1353 JEFFERSON ST NW	Full LSR on 8/15/2024
3	15 Milmarson PI NW	Full LSR on 12/2/2024
4	1511 Allison St NW	Multi-family residence
5	1634 44th St NW	Customer reported past full LSR and could not confirm
6	1649 HARVARD ST NW	Full LSR on 10/8/2024
7	18 Milmarson PI NW	Full LSR on 11/25/2024
8	1844 47th PI NW	Customer reported past full LSR and could not confirm
9	2039 2nd St NE	Added in Jul-Dec 2024 and did not return samples
10	232 33rd St NE	Full LSR on 10/22/2024
11	2416 I St NW	Did not return samples in last four sampling events
12	2718 Hamlin St NE	Full LSR on 10/22/2024
13	2923 Cathedral AVE NW	Customer reported past full LSR and could not confirm
14	3030 44TH ST NW	Full LSR on 11/5/2024
15	3126 38th St NW	Full LSR on 1/23/2024
16	313 10TH ST SE	Full LSR on 9/6/2024
17	3907 McKinley St NW	Excavated on 12/16/2024 and observed full copper
18	4101 4TH ST NW	Full LSR on 9/9/2024
19	419 12th St SE	Excavated on 10/18/2024 and observed full copper
20	4425 14th St NE	Full LSR on 8/19/2024
21	4536 Lowell St NW	Did not return samples in last four sampling events
22	4618 8TH ST NW	Full LSR on 11/12/2024
23	5404 39TH ST NW	Full LSR on 12/12/2024
24	5603 14th St NW	Full LSR on 7/30/2024
25	6811 Laurel St NW	Customer no longer wants to participate in program
26	83 R St NW	Added in Jul-Dec 2024 and did not return samples

Note for Table 3: LSR is lead service line replacement.

Table 4
Sample Sites for OCCT

	Site ID	Location	Sample Month
1	2H-17	Sharper Image, 5115 Georgia Ave NW	Feb, Aug
2	3H-3 BKJV	St. Johns High School @ 27th & Military	Feb, Aug
3	A1H-5	BP Gas Station, 5207 Nannie Helen Burroughs Ave NE	Feb, Aug
4	1H-28	Dedicated sampler in front of 2225 5 th St NE	Feb, Aug
5	4H-9	FH #20, 4300 Wisconsin Ave NW	Feb, Aug
6	A3H-6	Lee's Mini Market, 3853 Alabama Ave SE	May, Nov
7	L-4	Harbor Police Station, 550 water St SW	May, Nov
8	A2-H8	My 3 Sons Barber Shop, 3125 MLK Ave SE	May, Nov
9	L-27	Starbucks, 325 7 th St NW	May, Nov
10	3H-17	Home Care Medical Supplies, 5002 1 st St NW	May, Nov