



State Water Resources Control Board

Division of Drinking Water

Lead and Copper Tap Sample Results Reporting Form

This form must be submitted to the regulating entity (DDW District Office or County Agency) for each round of lead and copper sampling

Report Date: (mm/dd/yyyy)	03/13/2025	Sampling Site Change <i>If any sampling sites were changed, please list the old site, new site, and reason for the change in the box below.</i>
Water System Name:	City of Lakewood - Department of Water Resources	
Water System Number:	CA 1910239	
Sample Schedule:	<input checked="" type="radio"/> 6-month <input type="radio"/> Annual <input type="radio"/> Triennial	
# of Samples Required:	30	
# of Samples Reported:	30	
	90th Percentile Level (mg/L)	
Lead:	ND	
Copper:	0.20	

				Result	
	Sample Date	Sample Site Location/Address	Tier 1, 2 or 3	Lead (mg/L)	Copper (mg/L)
01	01/31/2025	4342 Hungerford Street	1	ND	ND
02	01/31/2025	6045 Sunfield Avenue	1	ND	ND
03	01/31/2025	4128 Iroquois Avenue	1	ND	ND
04	01/31/2025	4333 Woodruff Avenue	1	ND	ND
05	01/31/2025	4456 Palo Verde Avenue	1	ND	0.052
06	01/31/2025	5738 Sunfield Avenue	1	ND	0.059
07	01/31/2025	5729 Hayter Avenue	1	ND	0.062
08	01/31/2025	3905 Candlewood Street	1	ND	0.066
09	01/31/2025	5241 Faris Street	1	ND	0.081
10	01/31/2025	5545 Esquivel Avenue	1	ND	0.082
11	01/31/2025	5607 Samantha Street	1	ND	0.110
12	01/31/2025	5929 Bellflower Boulevard	1	ND	0.120
13	01/31/2025	5539 Wagner Avenue	1	ND	0.120
14	01/31/2025	5417 Chambers Court	1	ND	0.130
15	01/31/2025	5435 Esquivel Avenue	1	ND	0.130
16	01/31/2025	5031 Allington Street	1	ND	0.140
17	01/31/2025	2711 Brewer Street	1	ND	0.140
18	01/31/2025	2716 Brewer Street	1	ND	0.160
19	01/31/2025	6107 Sunfield Avenue	1	ND	0.170
20	01/31/2025	5545 Wagner Avenue	1	ND	0.170

Division of Drinking Water
Lead and Copper Tap Sample Results Reporting Form

Number of Tap Sample Sites Required

The number of tap sample sites required is based on the number of people served (system size) by your water system and also whether you are performing Standard or Reduced Monitoring (*CCR §64675*).

System Size	Minimum Number of Sites	
	Standard Tap Sampling	Reduced Tap Sampling
> 100,000	100	50
10,001 to 100,000	60	30
3,301 to 10,000	40	20
501 to 3,300	20	10
101 to 500	10	5
< 101	5	5

Determining the 90th Percentile Lead and Copper Level

Number of Tap Samples Collected	Determination of 90 th Percentile Lead or Copper Level
5	Average the 4 th and 5 th highest sample results to get the 90 th percentile level
More than 5	Place results in ascending order and assign each sample a number, 1 for the lowest concentration. Multiply the total number of samples by 0.9. Round down to the nearest whole number if the decimal is 0.4 or lower and round up if the decimal is 0.5 or higher. The sample result that corresponds with the nearest whole number is the 90 th percentile.

Notification of Results

As required by *40 Code of Federal Regulations Section 141.85(d)*, within 30 days of learning of the tap monitoring results, I notified the participants, by mailing or by another method approved by the State, of the lead sample results from their individual taps, provided an explanation of the health effects of lead, listed steps the consumer could take to reduce exposure to lead, provided contact information for the water utility, the maximum contaminant level goal for lead, action level for lead, and any definitions.

Notification was done on: 3/13/2025 (date)

SIGNATURE: <u>Anthony Manzano</u>	DATE: 3/13/2025
NAME (Print): Anthony Manzano	TITLE: Asst. Director of Water Resources

Division of Drinking Water
Lead and Copper Tap Sample Results Reporting Form

Additional Samples

				Result	
	Sample Date	Sample Site Location/Address	Tier 1, 2 or 3	Lead (mg/L)	Copper (mg/L)
21	01/31/2025	5031 Reva Court	1	ND	0.170
22	01/31/2025	5032 Ponderosa Court	1	ND	0.180
23	01/31/2025	5043 Ponderosa Court	1	ND	0.180
24	01/31/2025	5042 Reva Court	1	ND	0.180
25	01/31/2025	5046 La Jara Court	1	ND	0.190
26	01/31/2025	5038 Ponderosa Court	1	ND	0.200
27	01/31/2025	6111 Sunfield Avenue	1	ND	0.200
28	01/31/2025	5037 Ponderosa Court	1	ND	0.220
29	01/31/2025	6131 Sunfield Avenue	1	ND	0.250
30	01/31/2025	6025 Sunfield Avenue	1	ND	0.480
31					
32					
33					
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47					
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49					
50					

RESULTS OF SAMPLING**Results of Lead And Copper Tap Water Samples:** (Attach copy of all results to this form.)

Number of tap samples required: 30 90th Percentile Lead level: ND mg/L
 Number of tap samples collected & submitted: 30 90th Percentile Copper level: 0.20 mg/L

Results of Water Quality Parameter (WQP) Samples: (Complete only if system is required to collect WQP samples.)

Number of WQP samples required to be collected: _____
 Number of WQP samples collected & submitted: _____
 Number of WQP entry point samples required to be collected: _____
 Number of WQP entry point samples collected and submitted: _____

CERTIFICATION OF COLLECTION METHODS**I certify that:**

- Each first draw tap sample for lead and copper is one liter in volume and has stood motionless in plumbing system of each sampling site for at least six hours.
- Each first draw sample collected from a single-family residence has been collected from the cold water kitchen tap or bathroom sink tap.
- Each first draw sample collected from a non-residential building has been collected at an interior tap from which water is typically drawn for consumption.
- Each first draw sample collected during an annual or triennial monitoring period has been collected in months of June, July, August, or September.
- Each resident who volunteered to collect tap water samples from his or her home has been properly instructed in the proper methods for collecting lead and copper samples. I do not challenge the accuracy of those sampling results.
- Enclosed is a copy of the material distributed to residents explaining the proper collection methods, and a list of the residents who performed sampling.

CHANGE OF SAMPLING SITESOriginal site address: N/A

New site address: _____

Distance between sites (approximately): _____

Targeting Criteria: New Site: ☐ Tier 1 ☐ Tier 2 ☐ Tier 3
 Old Site: ☐ Tier 1 ☐ Tier 2 ☐ Tier 3

Reason for sample site change: _____

SIGNATURE:Anthony Manzano

Anthony Manzano

Print Name

DATE:03/13/2025

Assistant Director of Water Resources

Title

LEAD AND COPPER RULE SAMPLING REPORTSystem's Name: City of Lakewood - Dept. of Water ResourcesType: ☐ CWS ☐ NTNCWSAddress: 5050 Clark Avenue, Lakewood, CA 90712Size: ☐ >100,000
☒ 50,001 to 100,000
☐ 10,001 to 50,000
☐ 3,301 to 10,000
☐ 501 to 3,300
☐ 101 to 500
☐ ≤100Telephone Number: (562) 866-9771 ext. 2700System ID Number: CA 1910239Contact Person: Anthony ManzanoSample Date(s): 01-31-2025**SAMPLE SITE IDENTIFICATION****Number of sample sites in each category:**

- Single-family structures with copper pipes with lead solder installed after 1982; or lead pipes; or lead service lines. 30
- Multi-family structures with copper pipes with lead solder installed after 1982; or lead pipes; or lead service lines.
- Buildings containing copper pipes with lead solder installed after 1982; or lead pipes; or lead service lines.
- Single family structures with copper pipes with lead solder installed before 1983.

Total: 30Number of lead service lines present in the distribution system: 0Number of samples collected from sites served by lead service lines: 0**The following sources have been explored to determine the number of structures which have interior lead pipe or copper pipe with lead solder:**

- | | |
|--|--|
| <input checked="" type="checkbox"/> Plumbing and/or building codes. | <input type="checkbox"/> Interviews with building inspectors |
| <input checked="" type="checkbox"/> Plumbing and/or building permits. | <input type="checkbox"/> Survey of service area plumbers about when and where lead solder was used from 1982 to present. |
| <input type="checkbox"/> Contacts with the building department, municipal clerk's office, or state regulatory agencies | <input type="checkbox"/> Survey of residents. |
| <input type="checkbox"/> Water quality data. | <input type="checkbox"/> Interviews with local contractors & developers. |

The following sources have been explored to determine the number of lead service lines in the distribution system:

- ☒ Distribution system maps and record drawings.
- ☐ Capitol improvement plans and/or master plans for distribution system development.
- ☐ Standard operating procedures and/or operation & maintenance manuals for the types of materials used for service connections.
- ☒ Utility records including meter installations, customer complaint investigations.
- ☐ Water quality data.
- ☐ Interviews with senior personnel.
- ☐ Conduct service line sampling where lead service lines are suspected to exist.
- ☐ Review of permit files
- ☐ Survey of residents.
- ☐ Interviews with local pipe supplies, contractors and/or developers.



Certificate of Analysis

FINAL REPORT

Work Order 5A24039

Project Name: Lead and Copper

Project Number: Lead and Copper

P.O. #:

Attn: Derek Nguyen

Client: City of Lakewood
5812 Arbor Rd.
Lakewood, CA 90713

Report Date: 1/31/2025

Received Date: 1/24/2025 9:25 am

Turnaround Time: Normal

Billing Code:

Phones: (562) 866-9771

Fax: (562) 420-2576

Sample Conditions

Temperature	19.70 C	
COC present	✓	COC completed properly ✓
COC matches sample labels	✓	Wet ice
Blue ice		Sample(s) intact ✓
Sample(s) using proper containers	✓	Sample(s) have sufficient sample volume ✓
Sample(s) received within hold time	✓	Sample(s) labels have correct preservation ✓
Sample(s) have acceptable pH	✓	Sample(s) have acceptable CI ✓

Sample Results

Sample: 5031 Allington, Alias: Site #1, RegID: CA1910239_DST_LCR

5A24039-01 (Water)

Sampled: 01/14/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8		Instr: ICPMS04					
Batch ID: W5A1731		Preparation: EPA 200.2		Prepared: 01/28/25 11:12		Analyst: dak	
Copper, Total	140	50		ug/l	1	01/29/25	
Lead, Total	ND	5.0		ug/l	1	01/29/25	

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FINAL REPORT

Sample Results

(Continued)

Sample: 2711 Brewer St, Alias: Site #2, RegID: CA1910239_DST_LCR

5A24039-02 (Water)

Sampled: 01/17/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8							
Batch ID: W5A1731	Preparation: EPA 200.2						Analyst: dak
Instr: ICPMS04							
Prepared: 01/28/25 11:12							
Copper, Total	140		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 3905 Candlewood, Alias: Site #3, RegID: CA1910239_DST_LCR

5A24039-03 (Water)

Sampled: 01/21/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8							
Batch ID: W5A1731	Preparation: EPA 200.2						Analyst: dak
Instr: ICPMS04							
Prepared: 01/28/25 11:12							
Copper, Total	66		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 5729 Hayter Ave, Alias: Site #4, RegID: CA1910239_DST_LCR

5A24039-04 (Water)

Sampled: 01/16/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8							
Batch ID: W5A1731	Preparation: EPA 200.2						Analyst: dak
Instr: ICPMS04							
Prepared: 01/28/25 11:12							
Copper, Total	62		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

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FINAL REPORT

Sample Results

(Continued)

Sample: 5417 Chambers Court, Alias: Site #5, RegID: CA1910239_DST_LCR

5A24039-05 (Water)

Sampled: 01/21/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
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Metals by EPA 200 Series Methods

Method: EPA 200.8

Instr: ICPMS04

Batch ID: W5A1731

Preparation: EPA 200.2

Prepared: 01/28/25 11:12

Analyst: dak

Copper, Total	130		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 5435 Esquivel Ave, Alias: Site #6, RegID: CA1910239_DST_LCR

5A24039-06 (Water)

Sampled: 01/15/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
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Metals by EPA 200 Series Methods

Method: EPA 200.8

Instr: ICPMS04

Batch ID: W5A1731

Preparation: EPA 200.2

Prepared: 01/28/25 11:12

Analyst: dak

Copper, Total	130		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 5545 Esquivel Ave, Alias: Site #7, RegID: CA1910239_DST_LCR

5A24039-07 (Water)

Sampled: 01/15/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
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Metals by EPA 200 Series Methods

Method: EPA 200.8

Instr: ICPMS04

Batch ID: W5A1731

Preparation: EPA 200.2

Prepared: 01/28/25 11:12

Analyst: dak

Copper, Total	82		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Certificate of Analysis

FINAL REPORT

Sample Results

(Continued)

Sample: 5241 Faris, Alias: Site #8, RegID: CA1910239_DST_LCR

5A24039-08 (Water)

Sampled: 01/22/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8			Instr: ICPMS04				
Batch ID: W5A1731		Preparation: EPA 200.2		Prepared: 01/28/25 11:12			Analyst: dak
Copper, Total	81		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 4456 Palo Verde Ave, Alias: Site #9, RegID: CA1910239_DST_LCR

5A24039-09 (Water)

Sampled: 01/17/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8			Instr: ICPMS04				
Batch ID: W5A1731		Preparation: EPA 200.2		Prepared: 01/28/25 11:12			Analyst: dak
Copper, Total	52		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 2716 Brewer, Alias: Site #10, RegID: CA1910239_DST_LCR

5A24039-10 (Water)

Sampled: 01/17/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8			Instr: ICPMS04				
Batch ID: W5A1731		Preparation: EPA 200.2		Prepared: 01/28/25 11:12			Analyst: dak
Copper, Total		160	50	ug/l	1	01/29/25	
Lead, Total		ND	5.0	ug/l	1	01/29/25	

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FINAL REPORT

Sample Results

(Continued)

Sample: 5046 La Jara, Alias: Site #11, RegID: CA1910239_DST_LCR

5A24039-11 (Water)

Sampled: 01/22/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8			Instr: ICPMS04				
Batch ID: W5A1731		Preparation: EPA 200.2		Prepared: 01/28/25 11:12			Analyst: dak
Copper, Total		190	50	ug/l	1	01/29/25	
Lead, Total		ND	5.0	ug/l	1	01/29/25	

Sample: 5032 Ponderosa, Alias: Site #12, RegID: CA1910239_DST_LCR

5A24039-12 (Water)

Sampled: 01/14/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8			Instr: ICPMS04				
Batch ID: W5A1731		Preparation: EPA 200.2		Prepared: 01/28/25 11:12			Analyst: dak
Copper, Total	180		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 5037 Ponderosa, Alias: Site #13, RegID: CA1910239_DST_LCR

5A24039-13 (Water)

Sampled: 01/21/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8			Instr: ICPMS04				
Batch ID: W5A1731		Preparation: EPA 200.2		Prepared: 01/28/25 11:12			Analyst: dak
Copper, Total		220	50	ug/l	1	01/29/25	
Lead, Total		ND	5.0	ug/l	1	01/29/25	

Certificate of Analysis

FINAL REPORT

Sample Results

(Continued)

Sample: 5038 Ponderosa, Alias: Site #14, RegID: CA1910239_DST_LCR

5A24039-14 (Water)

Sampled: 01/16/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8		Instr: ICPMS04					
Batch ID: W5A1731		Preparation: EPA 200.2		Prepared: 01/28/25 11:12		Analyst: dak	
Copper, Total	200		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 5043 Ponderosa, Alias: Site #15, RegID: CA1910239_DST_LCR

5A24039-15 (Water)

Sampled: 01/15/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8		Instr: ICPMS04					
Batch ID: W5A1731		Preparation: EPA 200.2		Prepared: 01/28/25 11:12		Analyst: dak	
Copper, Total	180		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 5031 Reva, Alias: Site #16, RegID: CA1910239_DST_LCR

5A24039-16 (Water)

Sampled: 01/15/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8		Instr: ICPMS04					
Batch ID: W5A1731		Preparation: EPA 200.2		Prepared: 01/28/25 11:12		Analyst: dak	
Copper, Total	170		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Certificate of Analysis

FINAL REPORT

Sample Results

(Continued)

Sample: 5042 Reva, Alias: Site #17, RegID: CA1910239_DST_LCR

5A24039-17 (Water)

Sampled: 01/16/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
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Metals by EPA 200 Series Methods

Method: EPA 200.8

Instr: ICPMS04

Batch ID: W5A1731

Preparation: EPA 200.2

Prepared: 01/28/25 11:12

Analyst: dak

Copper, Total	180		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 5607 Samantha, Alias: Site #18, RegID: CA1910239_DST_LCR

5A24039-18 (Water)

Sampled: 01/14/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
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Metals by EPA 200 Series Methods

Method: EPA 200.8

Instr: ICPMS04

Batch ID: W5A1731

Preparation: EPA 200.2

Prepared: 01/28/25 11:12

Analyst: dak

Copper, Total	110		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 5738 Sunfield, Alias: Site #19, RegID: CA1910239_DST_LCR

5A24039-19 (Water)

Sampled: 01/21/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
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Metals by EPA 200 Series Methods

Method: EPA 200.8

Instr: ICPMS04

Batch ID: W5A1731

Preparation: EPA 200.2

Prepared: 01/28/25 11:12

Analyst: dak

Copper, Total	59		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Certificate of Analysis

FINAL REPORT

Sample Results

(Continued)

Sample: 6025 Sunfield, Alias: Site #20, RegID: CA1910239_DST_LCR

5A24039-20 (Water)

Sampled: 01/15/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
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Metals by EPA 200 Series Methods

Method: EPA 200.8

Instr: ICPMS04

Batch ID: W5A1731

Preparation: EPA 200.2

Prepared: 01/28/25 11:12

Analyst: dak

Copper, Total	480		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 4342 Hungerford, Alias: Site #21, RegID: CA1910239_DST_LCR

5A24039-21 (Water)

Sampled: 01/23/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
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Metals by EPA 200 Series Methods

Method: EPA 200.8

Instr: ICPMS04

Batch ID: W5A1764

Preparation: EPA 200.2

Prepared: 01/28/25 12:12

Analyst: dak

Copper, Total	ND		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 5929 Bellflower Blvd, Alias: Site #22, RegID: CA1910239_DST_LCR

5A24039-22 (Water)

Sampled: 01/23/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
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Metals by EPA 200 Series Methods

Method: EPA 200.8

Instr: ICPMS04

Batch ID: W5A1764

Preparation: EPA 200.2

Prepared: 01/28/25 12:12

Analyst: dak

Copper, Total	120		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Certificate of Analysis

FINAL REPORT

Sample Results

(Continued)

Sample: 6045 Sunfield, Alias: Site #23, RegID: CA1910239_DST_LCR

5A24039-23 (Water)

Sampled: 01/17/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
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Metals by EPA 200 Series Methods

Method: EPA 200.8

Instr: ICPMS04

Batch ID: W5A1764

Preparation: EPA 200.2

Prepared: 01/28/25 12:12

Analyst: dak

Copper, Total	ND		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 6107 Sunfield, Alias: Site #24, RegID: CA1910239_DST_LCR

5A24039-24 (Water)

Sampled: 01/21/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
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Metals by EPA 200 Series Methods

Method: EPA 200.8

Instr: ICPMS04

Batch ID: W5A1764

Preparation: EPA 200.2

Prepared: 01/28/25 12:12

Analyst: dak

Copper, Total	170		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 6111 Sunfield, Alias: Site #25, RegID: CA1910239_DST_LCR

5A24039-25 (Water)

Sampled: 01/14/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
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Metals by EPA 200 Series Methods

Method: EPA 200.8

Instr: ICPMS04

Batch ID: W5A1764

Preparation: EPA 200.2

Prepared: 01/28/25 12:12

Analyst: dak

Copper, Total	200		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Certificate of Analysis

FINAL REPORT

Sample Results

(Continued)

Sample: 6131 Sunfield, Alias: Site #26, RegID: CA1910239_DST_LCR

5A24039-26 (Water)

Sampled: 01/14/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8		Instr: ICPMS04					
Batch ID: W5A1764		Preparation: EPA 200.2		Prepared: 01/28/25 12:12		Analyst: dak	
Copper, Total	250		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 4128 Iroquois, Alias: Site #27, RegID: CA1910239_DST_LCR

5A24039-27 (Water)

Sampled: 01/17/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8		Instr: ICPMS04					
Batch ID: W5A1764		Preparation: EPA 200.2		Prepared: 01/28/25 12:12		Analyst: dak	
Copper, Total	ND		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 5539 Wagner, Alias: Site #28, RegID: CA1910239_DST_LCR

5A24039-28 (Water)

Sampled: 01/22/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8		Instr: ICPMS04					
Batch ID: W5A1764		Preparation: EPA 200.2		Prepared: 01/28/25 12:12		Analyst: dak	
Copper, Total	120		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Certificate of Analysis

FINAL REPORT

Sample Results

(Continued)

Sample: 5545 Wagner, Alias: Site #29, RegID: CA1910239_DST_LCR

5A24039-29 (Water)

Sampled: 01/16/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8			Instr: ICPMS04				
Batch ID: W5A1764		Preparation: EPA 200.2		Prepared: 01/28/25 12:12			Analyst: dak
Copper, Total	170		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Sample: 4333 Woodruff, Alias: Site #30, RegID: CA1910239_DST_LCR

5A24039-30 (Water)

Sampled: 01/15/25 0:00 by Residence

Analyte	Result	MDL	MRL	Units	Dil	Analyzed	Qualifier
Metals by EPA 200 Series Methods							
Method: EPA 200.8			Instr: ICPMS04				
Batch ID: W5A1764		Preparation: EPA 200.2		Prepared: 01/28/25 12:12			Analyst: dak
Copper, Total	ND		50	ug/l	1	01/29/25	
Lead, Total	ND		5.0	ug/l	1	01/29/25	

Certificate of Analysis

FINAL REPORT

Quality Control Results

Metals by EPA 200 Series Methods

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch: W5A1731 - EPA 200.2										
Blank (W5A1731-BLK1)				Prepared: 01/28/25 Analyzed: 01/29/25						
Copper, Total	ND	50	ug/l							
Lead, Total	ND	5.0	ug/l							
LCS (W5A1731-BS1)				Prepared: 01/28/25 Analyzed: 01/29/25						
Copper, Total	49.3	50	ug/l	50.0		99	85-115			
Lead, Total	48.7	5.0	ug/l	50.0		97	85-115			
Matrix Spike (W5A1731-MS1)				Source: 5A24039-01 Prepared: 01/28/25 Analyzed: 01/29/25						
Copper, Total	186	50	ug/l	50.0	139	93	70-130			
Lead, Total	51.0	5.0	ug/l	50.0	2.26	97	70-130			
Matrix Spike (W5A1731-MS2)				Source: 5A24039-02 Prepared: 01/28/25 Analyzed: 01/29/25						
Copper, Total	186	50	ug/l	50.0	142	87	70-130			
Lead, Total	48.2	5.0	ug/l	50.0	ND	96	70-130			
Matrix Spike Dup (W5A1731-MSD1)				Source: 5A24039-01 Prepared: 01/28/25 Analyzed: 01/29/25						
Copper, Total	183	50	ug/l	50.0	139	87	70-130	2	30	
Lead, Total	50.4	5.0	ug/l	50.0	2.26	96	70-130	1	30	
Matrix Spike Dup (W5A1731-MSD2)				Source: 5A24039-02 Prepared: 01/28/25 Analyzed: 01/29/25						
Copper, Total	191	50	ug/l	50.0	142	98	70-130	3	30	
Lead, Total	49.2	5.0	ug/l	50.0	ND	98	70-130	2	30	
Batch: W5A1764 - EPA 200.2										
Blank (W5A1764-BLK1)				Prepared: 01/28/25 Analyzed: 01/29/25						
Copper, Total	ND	50	ug/l							
Lead, Total	ND	5.0	ug/l							
LCS (W5A1764-BS1)				Prepared: 01/28/25 Analyzed: 01/29/25						
Copper, Total	48.1	50	ug/l	50.0		96	85-115			
Lead, Total	47.7	5.0	ug/l	50.0		95	85-115			
Matrix Spike (W5A1764-MS1)				Source: 5A24039-21 Prepared: 01/28/25 Analyzed: 01/29/25						
Copper, Total	52.2	50	ug/l	50.0	5.81	93	70-130			
Lead, Total	47.4	5.0	ug/l	50.0	0.448	94	70-130			
Matrix Spike Dup (W5A1764-MSD1)				Source: 5A24039-21 Prepared: 01/28/25 Analyzed: 01/29/25						
Copper, Total	52.0	50	ug/l	50.0	5.81	92	70-130	0.4	30	
Lead, Total	48.0	5.0	ug/l	50.0	0.448	95	70-130	1	30	

Certificate of Analysis

FINAL REPORT

Notes and Definitions

Item	Definition
%REC	Percent Recovery
Dil	Dilution
MRL	Method Reporting Limit (MRL) is the minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ)
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
RPD	Relative Percent Difference
Source	Sample that was matrix spiked or duplicated.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

All results are expressed on wet weight basis unless otherwise specified.

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS002.

Reviewed by:

Valerie Ayo

Valerie I. Ayo
Project Manager



DoD-ELAP ANAB #ADE-2882 • DoD-ISO ANAB # • ELAP-CA #1132 • EPA-UCMR #CA00211 • ISO17025 ANAB #L2457.01 • LACSD #10143

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. The report may include analytes that are not currently accreditable by some state agencies or accrediting bodies. This analytical report must be reproduced in its entirety.



CHAIN OF CUSTODY RECORD

59 East Clark Avenue : Industry : CA 91745
626-336-2139 ♦ Fax 626-336-2634 ♦ www.wecklabs.com

Analytical Laboratory Services - Since 1964

PROJECT NAME:

PROJECT:

Lead and Copper

PWS Name: Lakewood - City, Water Dept.

PHONE: 562-866-9771 x 2700

FAX: 562-420-2576

EMAIL: Dnquyen@lakewoodcity.org

SAMPLER

Residence

Derek Nguyen

LAB ID#

DATE SAMPLED

DATE TIME

SMPL TYPE

PWS Station Number

Name of Sample Source

OF CONT.

DATE / TIME

RECEIVED BY

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CHAIN OF CUSTODY RECORD

DRINKING WATER

1 OF 3

SPECIAL HANDLING

Same Day Rush 150%
24 Hour Rush 100%
48-72 Hour Rush 75%
4 - 5 Day Rush 30%
Rush Extractions 50%
10 - 15 Business Days
QA/QC Data Package

Charges will apply for weekends/holidays

Method of Shipment

COMMENTS

Lead & Copper

Site # 1

Site # 2

Site # 3

Site # 4

Site # 5

Site # 6

Site # 7

Site # 8

Site # 9

Site # 10

DATE / TIME

RECEIVED BY

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SAMPLE CONDITION:

Actual Temperature:

Received On Ice

Preserved

Evidence Seals Present

Container Attacked

Preserved at Lab

SAMPLE TYPE CODE:

DW - Drinking Water

SW - Surface Water

RW - Raw Water

Y / N

Y / N

Y / N

Y / N

Y / N

Y / N

