

# LEAD AND COPPER RESULTS WORKSHEET

52M

System Name: SONOMA MOUNTAIN COUNTY WATER DISTRICT

System ID Number: CA 4900580

Sample Date(s): SEPTEMBER 12 AND 13, 2022

Determine the 90th percentile Lead and Copper Levels:

1. List all of the samples in Table 1 below.
2. Circle the highest three values for both lead and copper.
3. Determine the 90th percentile lead level by following the instructions given in Table 2.  
Write down the 90th percentile level for Lead = .0067 mg/L (AL = 0.015 mg/L)
4. Determine the 90th percentile copper level by following the instructions given in Table 2.  
Write down the 90th percentile level for Copper = .500 mg/L (AL = 1.3 mg/L)

**Table 1 - Sample Results**

	Sample Address	Lead Level (mg/L)	Copper Level (mg/L)	Tier <sup>1</sup>
1	1934 Perth Avenue	<.005	.210	1
2	4935 Grange	<.005	.095	1
3	1965 Skye	<.005	.620	1
4	5444 Alta Monte	.0084	.380	1
5	5441 Alta Monte	<.005	.310	1
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**Table 2 - Determining the 90th Percentile Lead or Copper Level**

Number of Tap Samples Collected	How to Determine the 90th Percentile Lead or Copper Level
5 - 7	Average the two highest sample results to get the 90th percentile level.
8 - 12	The 90th percentile level is the second highest sample result.
13 - 17	Average the second and third highest sample results to get the 90th percentile level.
18 - 22	The 90th percentile level is the third highest sample result.

<sup>1</sup> See Lead & Copper Rule Sampling Guidance [Form 50] for a description of Tiers, if needed.