

# LEAD AND COPPER RESULTS WORKSHEET

52M

System Name: Sonoma Mountain County Water District

System ID Number: 4900580

Sample Date(s): 08/29/2016

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 = .005 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 = 0.455 mg/L (AL = 1.3 mg/L)

**Table 1 - Sample Results**

	Sample Address	Lead Level (mg/L)	Copper Level (mg/L)	<u>Tier</u> <sup>1</sup>
1	5441 Alta Monte Ave	.007	0.60	1
2	5444 Alta Monte Ave	<.005	0.210	1
3	5460 Alta Monte Ave	.006	0.620	1
4	4935 Grange Ave	<.005	0.290	1
5	1934 Perth Ave	<.005	0.081	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.

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

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The 90th percentile level is the third highest sample result.

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**CHANGE OF SAMPLING SITES**Original site address: no changes

New site address: \_\_\_\_\_

Distance between sites (approximately): \_\_\_\_\_

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

Reason for sample site change:

\_\_\_\_\_

\_\_\_\_\_

As required by 40 Code of Federal Regulations Section 141.85(d), within 30 days of learning of the lead sampling results, I notified the participants, by mailing or posting of the notice, 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.

[A template for conducting the lead sampling notice is available here.](#)

Notification was done on (date): 10/5 16

Attach a sample of the notice delivered to participants.

<b>SIGNATURE</b> <u>Chris Hansen</u>	<b>DATE:</b> <u>10/05/2016</u>
<u>Chris Hansen</u>	<u>/ System Operator</u>
Print Name	Title

