

LEAD AND COPPER SAMPLING PLAN

System Name:

Raineri Mutual Water Company

System ID Number: 4300520

Plan Date: 6/10/2021

Type: <input checked="" type="checkbox"/> Community <input type="checkbox"/> NTNC			
Population		Standard Tap Sampling	Reduced Tap Sampling
		Min # of Sampling Sites	
<input type="checkbox"/>	>100,000	100	50
<input type="checkbox"/>	10,001 to 100,000	60	30
<input type="checkbox"/>	3,301 to 10,000	40	20
<input type="checkbox"/>	501 to 3,300	20	10
<input checked="" type="checkbox"/>	101 to 500	10	5
<input type="checkbox"/>	<101	5	5

SAMPLE SITE IDENTIFICATION

Sampling must first be performed at Tier 1 sites. If not enough Tier 1 sites are available, the public water system (System) must use Tier 2 sites. If not enough Tier 2 sites are available, then Tier 3 sites may be used to complete sampling for the required number of locations.

Sample Site Categories:

of Sites in Category:

- **Tier 1:** Single-family structures with copper pipes with lead solder installed after 1982; or with lead pipes; or with lead service lines. _____
 - **Tier 2:** Multi-family structures or other buildings (i.e. schools) with copper pipes with lead solder installed after 1982; or lead pipes; or with lead service lines. _____
 - **Tier 3:** Single family structures or any other buildings (i.e. school, multi-family, mobile home) with copper pipes with lead solder installed prior to 1983. 5
 - **Other:** Sample sites do not fit any of the above categories. _____
- Total: 5
- Number of lead service lines present in the service area: _____
 - Number of samples collected from sites served by lead service lines: _____

☐ System does not contain any copper pipes, lead plasticizers, plastic service lines that contain lead plasticizers, lead service lines, lead pipes, or lead soldered pipe joints. (System must provide documentation that ALL residences, buildings, and services lines contain NONE of the above in order to receive a waiver.)

The Lead and Copper Rule requires the system do due diligence in research to determine the presence of lead and copper materials in the service area. The following sources have been explored to determine the number of structures which have interior copper pipe with lead solder or lead service lines (check all that apply):

- | | |
|---|--|
| <input type="checkbox"/> Capital improvement plans and/or master plans for distribution system development, installation, rehabilitation, and replacement | <input checked="" type="checkbox"/> Records indicating when buildings were constructed |
| <input type="checkbox"/> Conduct service line sampling where lead service lines are suspected to exist. | <input type="checkbox"/> Standard operating procedures and/or operation & maintenance manuals for the types of materials used for service connections. |
| | <input type="checkbox"/> Survey of residents |

- ☐ Contacts with the building department, municipal clerk's office, or state regulatory agencies
- ☐ Distribution system maps, record drawings, or GIS.
- ☐ Interviews with local contractors, developers, building inspectors
- ☐ Interviews with local pipe suppliers
- ☐ Interviews with senior personnel.
- ☐ Plumbing and/or building codes and permits
- ☐ Survey of service area plumbers about when and where lead solder was used from 1982 to present
- ☐ Tap Cards or tickets from initial service installation
- ☐ Utility records including meter installations/replacement, customer complaint investigations.
- ☐ Visual confirmation of pipe material by plumbers or utility crews during maintenance or installation activities
- ☒ Water quality data

SAMPLING LOCATION AND TIER IDENTIFICATION

The System shall sample at any of the approved sites listed below. Attach additional sites if needed and a map showing the locations of the sampling sites.

Consider including additional sampling sites (for example, for a system that is required to sample at ten locations, include five additional alternative locations).

If a System must change to a site not listed below, the System must notify the Division and submit an updated Lead and Copper Plan.

	Sample Address	Tier
1	18051 Idylwild (Built 1947)	3
2	20476 Santa Cruz Hwy (Built 1952)	3
3	20330 Madrona Way (Built 1977)	3
4	19940 Wright Road (Built 1935)	3
5	19845 Old Santa Cruz Hwy (Built 1952)	3
6		
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If a System doesn't have sufficient Tier 1 sampling locations, please explain the reason why:

Houses built before 1983.

SAMPLING FREQUENCY

The System shall sample according to California Code of Regulations Title 22, Section 64675.5 and as directed by the Division. Lead and copper monitoring shall begin with two consecutive rounds of samples, six months apart. Based on the results of these consecutive samples, the system will either move to annual or triennial sampling frequency with reduced tap sampling.

If a lead or copper action level is exceeded or there is a change in source or treatment, the System will restart the sampling process with two consecutive rounds of samples six months apart. Please notify the Division if there is a change in source or treatment.

CORROSION CONTROL TREATMENT MONITORING

- ☒ The System **does not have** corrosion control treatment.
- ☐ The System **has** corrosion control treatment and is required to perform corrosion control treatment (CCT) monitoring. Results are submitted _____ (monthly, quarterly) to the Division.

Type of corrosion control treatment: _____

Corrosion Control Parameters Monitored

Constituent Monitored (pH, alkalinity, orthophosphate, etc.)	Monitoring Frequency (Daily, Weekly, Monthly, etc.)	Monitoring Location

SCHOOLS

- ☒ The System serves no school.
- ☐ The System serves one or more schools (K-12).

LEAD ACTION LEVEL EXCEEDANCE – PUBLIC NOTIFICATION

In the case of a lead action level exceedance, the System will deliver the attached public notification content to consumers. The System will repeat public lead education every 12 months for as long as the System has a lead action level exceedance.

NOTIFICATION OF RESULTS TO PARTICIPANTS

Within 30 days of learning of the lead and copper sampling results, the System shall notify the participants, by mailing or posting of the notice, of the sample results taken from their individual taps, an explanation of the health effects of lead, and listing the steps the consumers can take to reduce exposure to lead in drinking water with the contact information of the water system.

SIGNATURE:

DATE:

Gary Gordon Mackenzie

6/16/2021

Gary Mackenzie

Water System Operter

Print Name

Title