

February 14, 2023

Spring Lake Park City Council
 c/o Mr. Dan Buchholtz, Administrator
 Spring Lake Park City Hall
 1301 81st Avenue NE
 Spring Lake Park, Minnesota 55432

Dear Council Members:

SUBJECT: Quarterly Results for Radiochemical Monitoring, Spring Lake Park, Anoka County, PWSID 1020029

Enclosed are the results of the most recent radiochemical samples collected from your public water supply in accordance with Minnesota Rules, Chapter 4720 and the Safe Drinking Water Act.

Quarterly monitoring for radiochemicals was being conducted on your water supply to determine if your supply meets the maximum contaminant level (MCL) for gross alpha and/or combined radium 226+228. Your sampling frequency is being reduced at each entry point. Samples will be collected annually by your system. The following is a summary of the results:

Sampling Site: Terrace Park Treatment Plant

Contaminant: **Combined Radium (-226 & -228)**
 MCL: 5.4 pCi/L

<u>Date Collected</u>	<u>ResultsUnits</u>	<u>Sample#</u>	<u>Annual Average</u>	
10/05/2022	4.10	pCi/L	22J0135-01	2.5
07/12/2022	2.50	pCi/L	22G0493-01	2.4
04/27/2022	1.90	pCi/L	22D1547-01	2.6
01/10/2022	1.50	pCi/L	22A0191-01	2.9

Contaminant: **Gross Alpha in Water**
 MCL: 15.4 pCi/L

<u>Date Collected</u>	<u>ResultsUnits</u>	<u>Sample#</u>	<u>Annual Average</u>	
10/05/2022	7.80	pCi/L	22J0135-01	4.5
07/12/2022	3.50	pCi/L	22G0493-01	3.6
04/27/2022	3.40	pCi/L	22D1547-01	4.4
01/10/2022	3.10	pCi/L	22A0191-01	4.3

Sampling Site: Arthur Street Treatment Plant

Contaminant: **Combined Radium (-226 & -228)**

MCL: 5.4 pCi/L

<u>Date Collected</u>	<u>ResultsUnits</u>	<u>Sample#</u>	<u>Annual Average</u>	
10/05/2022	3.90	pCi/L	22J0135-02	3.7
07/12/2022	4.30	pCi/L	22G0493-02	3.6
04/27/2022	2.90	pCi/L	22D1547-02	3.9
01/10/2022	3.80	pCi/L	22A0191-02	4.5

Contaminant: **Gross Alpha in Water**

MCL: 15.4 pCi/L

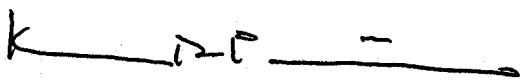
<u>Date Collected</u>	<u>ResultsUnits</u>	<u>Sample#</u>	<u>Annual Average</u>	
10/05/2022	7.80	pCi/L	22J0135-02	2.0
07/12/2022	Not Detected	pCi/L	22G0493-02	1.4
04/27/2022	Not Detected	pCi/L	22D1547-02	3.5
01/10/2022	Not Detected	pCi/L	22A0191-02	5.0

All required radiochemical samples will be collected by your public water supply and submitted to the Minnesota Department of Health (MDH) laboratory for analysis. Sample bottle(s) will be mailed to you with a labform and date that you are scheduled to collect your next sample(s). The results will be reported to you as soon as they become available. We will notify you if any action by your system is required.

Gross alpha and radium 226+228 are naturally occurring contaminants that are found in groundwater throughout central and southern Minnesota. Long-term elevated levels of exposure to these contaminants may result in an increased risk of cancer.

This report should be placed in your records and a copy maintained on or near the water supply premises and available for public inspection for not less than ten (10) years. If you have any questions, please contact Andrew Karp at 651/201-4668, or email at andrew.karp@state.mn.us.

Sincerely,



Karla R. Peterson, P.E., Supervisor
Community Public Water Supply Unit
Environmental Health Division
P.O. Box 64975
St. Paul, Minnesota 55164-0975

KRP:AK

Enclosure

cc: Water Superintendent

Brian A. Noma, MDH St. Paul District Office