

April 2, 2020

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: **Return to Compliance** for Radiochemical Exceedance, Spring Lake Park, Anoka County,
PWSID 1020029

Enclosed are the results of the most recent radiochemical samples collected from your public water system in accordance with Minnesota Rules, Chapter 4720 and the Safe Drinking Water Act. Past results indicated a maximum contaminant level (MCL) exceedance at the Arthur Street Treatment Plant, as noted in the Notice of Violation letter previously sent. The following is a summary of the results:

Sampling Site: Arthur Street Treatment Plant

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

<u>Date Collected</u>	<u>Results</u>	<u>Units</u>	<u>Sample#</u>	<u>Annual Average</u>
01/15/2020	4.80	pCi/L	20A0641-02	4.5
11/05/2019	4.60	pCi/L	19K0183-01	4.3
07/22/2019	4.00	pCi/L	19G1522-01	5.0
05/01/2019	4.40	pCi/L	19E0077-02	5.6

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

<u>Date Collected</u>	<u>Results</u>	<u>Units</u>	<u>Sample#</u>	<u>Annual Average</u>
01/15/2020	12.00	pCi/L	20A0641-02	8.0
11/05/2019	7.00	pCi/L	19K0183-01	6.7
07/22/2019	7.60	pCi/L	19G1522-01	7.4
05/01/2019	5.40	pCi/L	19E0077-02	7.4

Your water system is now in compliance with the radiochemical MCLs. Monitoring for combined radium and gross alpha will continue to be performed on a quarterly basis to ensure reliable and consistent removal rates of the treatment unit. The last two quarters results have increased and your system should continue to explore options to reduce radium removal at this plant to ensure the violation is not repeated.

Also enclosed are radiochemical sample results for the Terrace Park Treatment Plant. These results show radium and gross alpha levels have consistently dropped and annual monitoring will be conducted at this sample site. 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>Results</u>	<u>Units</u>	<u>Sample#</u>	<u>Annual Average</u>
01/15/2020	2.60	pCi/L	20A0641-01	3.7
10/11/2019	3.80	pCi/L	19J0739-01	4.1
07/22/2019	2.90	pCi/L	19G1523-01	4.3
04/08/2019	5.60	pCi/L	19D0456-01	4.7

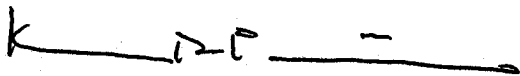
Contaminant: **Gross Alpha in Water**
MCL: 15.4 pCi/L

<u>Date Collected</u>	<u>Results</u>	<u>Units</u>	<u>Sample#</u>	<u>Annual Average</u>
01/15/2020	4.20	pCi/L	20A0641-01	6.9
10/11/2019	9.10	pCi/L	19J0739-01	7.8
07/22/2019	7.40	pCi/L	19G1523-01	7.1
04/08/2019	6.80	pCi/L	19D0456-01	6.6

All required radiochemical samples will be collected by your public water system and submitted to the Minnesota Department of Health (MDH) laboratory for analysis. Samples bottles will be mailed to you with a labform and date that you are scheduled to collect your next samples.

This report should be placed in your records and a copy maintained on or near the water system premises and available for public inspection for not less than ten (10) years. If you have any questions, please contact Cindy Swanson at 651/201-4656 or email cindy.swanson@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:BS

Enclosure

cc: Water Superintendent

Anna Schliep, Compliance Engineer

Cindy Swanson, Compliance Officer

Brian A. Noma, MDH St. Paul District Office