

January 30, 2023

Inver Grove Heights City Council
 c/o Ms. Lissa Kramer, City Clerk
 Inver Grove Heights City Hall
 8150 Barbara Avenue
 Inver Grove Heights, Minnesota 55077

Dear Council Members:

SUBJECT: NOTICE OF VIOLATION -- Combined Radium 226+228 Maximum Contaminant Level Exceeda, Inver Grove Heights, Dakota County, PWSID 1190014

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 combined radium 226+228. Samples were collected by the Minnesota Department of Health (MDH) from your public water supply for four quarters. The annual average of results has exceeded the MCL for combined radium 226+228. Your public water supply is required to notify the public of the MCL exceedance and take corrective action. The following is a summary of the results:

Sampling Site: Treatment Plant #1

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>
10/10/2022	5.70	pCi/L	22J0320-01	6.0
03/09/2022	6.10	pCi/L	22C0421-01	5.3
01/03/2022	6.40	pCi/L	22A0009-01	5.3

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>
10/10/2022	14.00	pCi/L	22J0320-01	11.6
03/09/2022	7.50	pCi/L	22C0421-01	11.0
01/03/2022	11.00	pCi/L	22A0009-01	11.0

Your system will continue quarterly monitoring while you are out of compliance, and you are required to post public notice every quarter that your system remains out of compliance.

A sample public notice is enclosed. Within 30 days, this notice or one containing similar information must be provided to the persons served by your water supply by one of the following methods: 1) published in the local newspaper, 2) direct mail to every residence, or 3) hand delivered to every residence served by your water supply. A copy of the public notice and the enclosed certification form verifying delivery of the notice from the person responsible for your water supply must be submitted to at this office within 10 days of distribution.

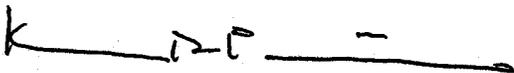
We recommend that your public water supply study the alternatives available for reducing the levels of gross alpha and combined radium to acceptable levels. A consulting engineering firm may be needed to assist in this study.

Your public water supply is required to submit a detailed plan of action and timetable to the MDH within the next 90 days. The action plan must include adequate measures to bring your water supply into compliance with the MCL criteria which may include infrastructure improvements.

Community water supplies may be eligible for below-market-rate loans to plan, design and construct improvements to treatment, storage and distribution systems through the Drinking Water Revolving Loan Fund (DWRFL). Priority use of this fund is given to projects that are necessary to correct MCL violations.

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. Please contact Andrew Karp at 651/201-4668 to schedule a meeting to draft the plan of action and discuss the forthcoming Compliance Agreement.

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

Karla Peterson, Public Health Engineer, P.E., St. Paul

Andrew Karp, Compliance Officer

Jessie Kolar, MDH St. Paul District Office