

August 27, 2024

Inver Grove Heights City Council
c/o Rebecca Kiernan, City Clerk
Inver Grove Heights City Hall
8150 Barbara Avenue
Inver Grove Heights, Minnesota 55077

Dear Council Members:

SUBJECT: Maximum Contaminant Level Violation Monitoring – Combined Radium 226 + 228 and Quarterly Results – Gross Alpha, Inver Grove Heights, Dakota County, PWSID 1190014

Enclosed are the most recent radiochemical results from water samples collected from your public drinking water system. Past results indicated a combined radium 226 + 228 maximum contaminant level (MCL) exceedance, as noted in the Notice of Violation letter previously sent by this office. Below 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>
06/03/2024	3.60	pCi/L	24F0046-01	4.0
02/21/2024	4.40	pCi/L	24B1541-01	4.7
12/04/2023	4.00	pCi/L	23L0077-01	4.7
09/12/2023	4.03	pCi/L	23I0527-01	5.1

Monitoring for the contaminant(s) will continue to occur on a quarterly basis. Public notification will be required for each quarter that the MCL violation is ongoing. A sample public notice and certification form will be sent from the Minnesota Department of Health (MDH) at the beginning of each quarter. This results letter should be used to update the public notice with the most recent result information. This system has completed the public notice requirement for the July – September compliance period. Materials for the next quarter will be sent during the first week of October 2024. By the PN distribute-by-date listed on the certification form (provided at beginning of the quarter), the attached notice or one containing similar information must be provided to the persons served by your water system. A copy of the public notice and the enclosed certification form, verifying delivery of the notice from the person responsible for your water system, must be submitted to this office *within 10 days of distribution*.

Also enclosed are the most recent gross alpha results from water samples collected from your public drinking water system. Below is a summary of those results:

Sampling Site: Treatment Plant #1

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>
06/03/2024	17.23*	pCi/L	24F0046-01	15.1
02/21/2024	13.00	pCi/L	24B1541-01	12.7
12/04/2023	12.00	pCi/L	23L0077-01	10.9
09/12/2023	17.99*	pCi/L	23I0527-01	11.4

**Result is determined by subtracting the Uranium result from the Gross Alpha result.*

All required radiochemical samples will be collected and analyzed by the Minnesota Department of Health. Results will be reported to you as soon as they are available.

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 Allison Dodge at (651) 201-5278 or email allison.dodge@state.mn.us.

Sincerely,



Kim Larsen, P.E., Supervisor
Community Public Water Supply Unit
Environmental Health Division
4140 Thielman Lane, Suite 101
St. Cloud, Minnesota 56301

KL:AD

Enclosure

cc: Water Superintendent
Andrew Karp, MDH St. Paul District Office