

NOTICE ABOUT YOUR DRINKING WATER

Failure to Correct a Significant Deficiency

Public Water System Name: **EMERALD LAKE VILLAGE DISTRICT** PWS ID: **1141020**

We are required to correct significant water system deficiencies identified by Department of Environmental Services (NHDES). We failed to take the required action by the established date.

This is not an emergency. If it had been, you would have been notified immediately. We do not know of any case of contamination. However, until the problem is corrected, there is an increased chance that disease causing organisms could contaminate the water supply and potentially cause an illness.

Inadequately treated or inadequately protected water may contain disease-causing organisms. These organisms include bacteria, viruses and parasites which can cause symptoms such as; nausea, cramps, diarrhea and associated headaches. These symptoms, however, are not caused only by organisms in drinking water, but also by other factors. If you experience any of these symptoms and they persist, you may want to seek medical advice.

What should I do? There is nothing you need to do at this time. You do not need to boil your water or take other corrective actions.

The table below lists the outstanding significant deficiency(ies), when correction of the deficiency(ies) was due and the corrective action we have (or will be) taking.

| Significant Deficiency(ies) Noted | Date(s) Correction was Due |
|--|----------------------------|
| Source Water Capacity Deficiencies | October 2019 |
| Deficiency in Management of Leaks and Conservation | October 2019 |
| | |
| | |

Steps being taken to correct the situation: Asset Management Plan completed; being used as guide for water repairs and main replacements. 2021 Annual Meeting will ask for OK of \$1.26M loan to replace water mains on 3 streets; 2021 budget includes 2 Zone Meters and Transducers for all well; new well has been drilled and is in process of pilot testing with goal of being online early summer 2021. **Expected Resolution Date: Summer 2021**

Contact Name: **BEETI TABER** ^{COMMISSIONER} ~~Deborah Kardaseski, Administrator~~ Company: Emerald Lake Village District

Address: 147 W. Main, Suite 103, PO Box 1753, Hillsborough, NH 03244 Telephone Number: 603-464-3128

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example; people in apartments, nursing homes, schools and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

NOTICE ABOUT YOUR DRINKING WATER

Arsenic Maximum Contaminant Level (MCL) Exceedance

Public Water System Name: _EMERALD LAKE_ PWS ID: __1141020__

SITE 506 PATTEN HILL PH DEP/BLEND BRW 6/7/8/9/11

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not your drinking water meets health standards.

The Running Annual Average (RAA) calculation represents the average of all sample results collected within a one-year period. Your drinking water RAA calculation is above the enforceable MCL for the following:

| Contaminant and MCL | Detected Level | Date Sampled | Running Annual Average | Compliance Period |
|-----------------------------------|----------------|--------------|------------------------|-------------------|
| Arsenic 0.0050 mg/L | 0.0063 MG/L | 4/5/2022 | 0.0060 | QUARTER 2 -2022 |
| Arsenic 0.0050 mg/L | 0.0069 MG/L | 1/24/2022 | 0.0060 | QUARTER 1-2022 |

This is not an emergency. If it had been you would have been notified immediately. *Some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer.*

What should I do? It is not necessary to use alternate water; however, if you have specific health concerns, please contact your health care professional. General health-related questions may be directed to the EPA Safe Drinking Water Hotline at 1-800-426-4791.

Steps being taken to correct the situation: FUNDING APPROVED 2022 ANNUAL MTS.
FOR development / installation of arsenic treatment plant on Patten Hill

Expected Resolution Date: 2023/2024

Contact Name: BRETT TABER Company: ELVD

Address: 147 W. Main St. Telephone Number: 603-464-3128
Hillborough, NH 03244

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NOTICE ABOUT YOUR DRINKING WATER

Arsenic Maximum Contaminant Level (MCL) Exceedance

Public Water System Name: ELVD PWS ID: 1141020

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not your drinking water meets health standards.

The Running Annual Average (RAA) calculation represents the average of all sample results collected within a one-year period. Your drinking water RAA calculation is above the enforceable MCL for the following:

| Contaminant and MCL | Detected Level | Date Sampled | Running Annual Average | Compliance Period |
|---------------------|----------------|--------------|------------------------|-------------------|
| Arsenic 0.0050 mg/L | .0060 mg/L | 1-24-22 | .0060 mg/L | Q1 of 2022 |

This is not an emergency. If it had been you would have been notified immediately. *Some people who drink water containing arsenic in excess of the MCL over many years could experience skin damage or problems with their circulatory system, and may have an increased risk of getting cancer.*

What should I do? It is not necessary to use alternate water; however, if you have specific health concerns, please contact your health care professional. General health-related questions may be directed to the EPA Safe Drinking Water Hotline at 1-800-426-4791.

Steps being taken to correct the situation: FUNDING HAS BEEN APPROVED @ ANNUAL MTG.
Development of Arsenic treatment to be constructed for Patten Hill.

Expected Resolution Date: 2023/2024

Contact Name: BRETT TABER Company: ELVD

Address: 147 W. MAIN ST. Telephone Number: 603-464-3128
Hillsborough, NH . 03244

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NOTICE ABOUT YOUR DRINKING WATER

Fluoride Secondary Maximum Contaminant Level (SMCL) Exceedance

Public Water System Name: ELVD PWS ID: 1141020

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not your drinking water meets health standards. Your drinking water test result is above the Secondary Maximum Contaminant Level (SMCL) for the following:

| Contaminant and SMCL | Detected Level | Date Sampled | Running Annual Average | Compliance Period |
|----------------------|----------------|--------------|------------------------|-------------------|
| Fluoride 2.0 mg/L | 3.5 mg/L | 10/12/21 | 3.5 mg/L | Q4 2021 |

This is not an emergency. If it had been you would have been notified immediately. *This is an alert about your drinking water and a cosmetic dental problem that might affect children under 9 years of age. At low levels, fluoride can help prevent cavities, but children drinking water containing more than 2.0 milligrams per liter (mg/L) of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis).*

Dental fluorosis, in its moderate or severe forms, may result in a brown staining and/or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should be provided with alternative sources of drinking water or water that has been treated to remove the fluoride to avoid the possibility of staining and pitting of their permanent teeth. You may also want to contact your dentist about proper use by young children of fluoride-containing products. Older children and adults may safely drink the water.

Drinking water containing more than 4.0 mg/L of fluoride (the U.S. Environmental Protection Agency's drinking water standard) can increase your risk of developing bone disease. Your drinking water does not contain more than 4.0 mg/L of fluoride, but we are required to notify you when we discover that fluoride levels in your drinking water exceed 2.0 mg/L because of this cosmetic dental problem.

What should I do? Children under the age of nine (9) should use an alternative source of water that is low in fluoride. In addition, you may want to consult your dentist about whether to avoid dental products containing fluoride. Adults and children over age nine should consult their dentist or doctor and show him/her this notice to determine if an alternate source of water low in fluoride should be used. General health related questions may be directed to the EPA Safe Drinking Water Hotline at 1-800-426-4791. *Some home water treatment units are also available to remove fluoride from drinking water. To learn more about available home water treatment units, you may call NSF International at 1-877-8-NSF-HELP*

Steps being taken to correct the situation:
We are continuing to monitor fluoride levels. We will inform you if levels exceed 4.0 mg/L.

Contact Name: BRETT TIBBOL Company: ELVD
 Address: 147 W. Main St. Telephone Number: 603-464-3128
Hillsborough, NH 03244

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