## Turners Falls Water Department 226 Millers Falls Rd Turners Falls MA Phone 413-863-4542 Fax 413-863-3175 email - turnerswater@yahoo.com

| Water Quality Testing Results                       |                   |            |                    |                     |           |                    |  |  |  |  |
|---|-------------------|------------|--------------------|---------------------|-----------|--------------------|--|--|--|--|
|   | Tolan Well        |            |                    | Hannegan Brook Well |           |                    |  |  |  |  |
| Substance   | Date<br>Collected | MCL        | Results            | Date<br>Collected   | MCL       | Results            | Possible Source  |  |  |  |
| ARSENIC   | 8/11/2020         | 10 ug/L    | 1.0 ug/L           | 8/11/2020           | 10 ug/L   | ND                 | Naturally occurring contaminant  |  |  |  |
| HALOACETIC ACID                                     | 8/16/2023         | 60 ug/L    | ND                 | 8/16/2023           | 60 ug/L   | ND                 | Byproduct of drinking water disinfection   |  |  |  |
| INORGANICS  | 8/10/2020         |            | ND or below<br>MCL | 8/10/2020           |           | ND or below<br>MCL | Salts and Metals   |  |  |  |
| IRON  | 8/16/2023         | 0.3 mg/L   | R:0.08 F:ND        | 8/16/2023           | 0.3 mg/L  | ND                 | Naturally occurring contaminant  |  |  |  |
| MANGANESE   | 8/16/2023         | 0.05 mg/L  | R:0.29 F:ND        | 8/16/2023           | 0.05 mg/L | 0.005 mg/L         | Naturally occurring contaminant  |  |  |  |
| NITRATE   | 8/17/2023         | 10.0 mg/L  | ND                 | 8/17/2023           | 10 mg/L   | 0.105 mg/L         | Runoff from fertilizer use; leaching from septic tanks; natural deposits   |  |  |  |
| NITRITE   | 8/16/2023         | 1 mg/L     | ND                 | 8/16/2023           | 1 mg/L    | 0.105 mg/L         | Fertilizers, Livestock Waste, and Human Waste  |  |  |  |
| PFAS<br>18 PER-AND<br>POLYFLUOROALKYL<br>SUBSTANCES | 1/6/2024          |            | ND                 | 1/6/2024            |           | ND                 | Fire-fighting foams, stain-resistant, water-resistant and non-stick products. Common consumer products as coatings, on food packaging, outdoor clothing, carpets, leather goods, ski and snowboard waxes, and more |  |  |  |
| PERCHLORATE   | 8/16/2023         | 2.0 ug/L   | ND                 | 8/16/2023           | 2.0 ug/L  | ND                 | Blasting agents, Military munitions and Fireworks  |  |  |  |
| RADIONUCLIDES                                       | 8/3/2015          | 5.06 pCi/L | Below MCL          | 8/3/2015            | Below MCL | ND                 | Erosion of natural deposits  |  |  |  |
| SODIUM  | 8/16/2023         | 20 mg/L    | 11.1 mg/L          | 8/16/2023           | 20 mg/L   | 10.3 mg/L          | Salts  |  |  |  |
| SYNTHETIC<br>ORGANIC<br>COMPOUNDS                   | 7/22/2021         |            | ND                 | 7/22/2021           |           | ND                 | Pesticides and Herbicides  |  |  |  |
| TRIHALOMETHANES                                     | 8/16/2023         | 80 ug/L    | ND                 | 8/16/2023           | 80 ug/L   | ND                 | Byproduct of drinking water disinfection   |  |  |  |
| VOLATILE ORGANIC<br>COMPOUNDS                       | 11/8/2023         | ug/L       | ND                 | 11/8/2023           | ug/L      | ND                 | Gasoline and Solvents  |  |  |  |

R:RAW F:FINISHED

mg/L: Milligrams per liter = 1 part per million ug/L: Micrograms per liter = 1 part per billion

Maximum Contaminant Level (MCL) - the highest level of a contaminant that is allowed in drinking water.

ND = Not Detected