**Attachment H**

**Participant Results Letter**

**State, Department**

<*State seal*>

*Address*

United States Department of the Interior

U. S. GEOLOGICAL SURVEY

New Hampshire - Vermont District

361 Commerce Way

Pembroke, New Hampshire 03275

**National Center for Environmental Health**



**Centers for Disease Control and Prevention**

**4770 Buford Highway**

**Chamblee, GA 30341**

XX, 2018

**Exposure to Arsenic and Uranium from Private Well Water in Connecticut, New Mexico, and New Hampshire**

**Biological and Water Test Results**

Dear <Investigation participant>,

We would like to thank you again for being in the investigation of arsenic and uranium in water. As you may recall, we are trying to find out if there is arsenic or uranium in your well water and whether you may have absorbed it.

When you signed the consent form you said that you wanted to know the results of the analysis of your urine sample. First, a note about what to expect.

Your results for the number of micrograms of arsenic and uranium in each liter of urine (µg/L) are provided in the table below. For comparison, we provide the approximate percentiles from the National Health and Nutrition Examination Survey (NHANES). NHANES is a large and ongoing investigation to look at the health of people in the United States (U.S.). Volunteers receive health exams and provide blood and urine samples that are analyzed for a wide variety of chemicals. Your table shows your results compared with other people in the U.S., based on information collected by NHANES.

You can use the table to see what your results are compared with others in the U.S. in your age group. For example, if your results are at the 40th percentile, then 40% of the U.S. population has levels less than yours and 60% of the U.S. population has levels greater than yours.

Your urine test results from CDC laboratories in Atlanta are as follows:

|  |  |  |
| --- | --- | --- |
| Analyte | Amount per liter of urine | NHANES percentile |
| Arsenic |  |  |
| Uranium |  |  |

Your well water and tap water test results from the U.S. Geological Service Environmental Testing Laboratory are provided below. We have also included the maximum contaminant level (MCL) for uranium and arsenic that is set by the Environmental Protection Agency (EPA). The MCL is the highest level of a contaminant that is allowed in drinking water.

|  |  |  |  |
| --- | --- | --- | --- |
| Analyte | Amount per liter of well water | Amount per liter of tap water | EPA MCL |
| Total arsenic |  |  |  |
| Uranium |  |  |  |

We are collecting information about some other sources of exposure to help explain total urinary levels of arsenic and uranium; however, we cannot necessarily ascribe your levels to a particular source. If you have any questions about your results, you may contact <State investigation leader> for <affiliation, state> at <phone number> to talk about likely sources of arsenic and some ways to reduce your exposure.

Sincerely,

<State investigation leader>

<Title>

<Affiliation>