

Summary of Tritium Detected in Groundwater Monitoring Wells  
July-December 2021  
Pilgrim Nuclear Power Station, Plymouth MA

| Sample collected week of | Reported by <sup>1</sup> | Tritium concentration p(Ci/L) |         |         |        |        |        |        |         |         |        |        |        |        |        |        |        |        |        |        |        |        |      |        |  |
|--------------------------|--------------------------|-------------------------------|---------|---------|--------|--------|--------|--------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|------|--------|--|
|                          |                          | MW-201                        | MW-202S | MW-202I | MW-204 | MW-205 | MW-206 | MW-207 | MW-208S | MW-208I | MW-209 | MW-210 | MW-211 | MW-212 | MW-213 | MW-214 | MW-215 | MW-216 | MW-217 | MW-218 | MW-219 | MW-220 | MW-3 | MW-4 R |  |
| 7/12/2021                | HOLTEC-TEL               |                               |         |         |        |        |        |        |         |         | <547   |        |        |        |        |        |        | 799    |        |        | <555   |        |      |        |  |
|                          | MDPH-MERL                |                               |         |         |        |        |        |        |         |         | <300   |        |        |        |        |        |        | 558    |        |        | <300   |        |      |        |  |
| 8/1/2021                 | HOLTEC-TEL               |                               | <522    | <537    | <546   | <534   | <539   |        | <536    | <523    | <540   | <527   |        |        | <551   | <542   | <541   | <550   |        |        | <526   |        |      | <537   |  |
|                          | MDPH-MERL                |                               | <300    | 433     | 397    | 509    | <300   |        | 335     | <300    | <300   | <300   |        |        | <300   | <300   | <300   | <300   |        |        | <300   |        |      | 334    |  |
| 8/16/2021                | HOLTEC-TEL               |                               |         |         |        |        |        | <541   |         |         |        |        | <542   | <532   |        |        |        |        | <548   | <543   |        | <552   |      |        |  |
|                          | MDPH-MERL                |                               |         |         |        |        |        | 350    |         |         |        |        | 400    | <300   |        |        |        |        | <300   | <300   |        | <300   |      |        |  |
| 8/23/2021                | HOLTEC-TEL               |                               |         |         |        |        |        |        |         |         |        |        |        |        |        |        |        |        |        |        |        |        | <521 |        |  |
|                          | MDPH-MERL                |                               |         |         |        |        |        |        |         |         |        |        |        |        |        |        |        |        |        |        |        |        | <300 |        |  |
| 9/13/2021                | HOLTEC-TEL               | <579                          |         |         |        |        |        |        |         |         | <575   |        |        |        |        |        |        | <568   |        |        | <573   |        |      |        |  |
|                          | MDPH-MERL                | <300                          |         |         |        |        |        |        |         |         | <300   |        |        |        |        |        |        | <300   |        |        | <300   |        |      |        |  |
| 10/4/2021                | HOLTEC-TEL               |                               |         |         |        |        |        |        |         |         | <503   |        |        |        |        |        |        | 913    |        |        | <507   |        |      |        |  |
|                          | MDPH-MERL                |                               |         |         |        |        |        |        |         |         | <300   |        |        |        |        |        |        | 922    |        |        | <300   |        |      |        |  |
| 10/25/2021               | HOLTEC-TEL               |                               |         |         |        |        |        |        | <505    | <462    |        |        | <507   |        |        | <514   |        |        | <472   | <505   |        |        |      | <498   |  |
|                          | MDPH-MERL                |                               |         |         |        |        |        |        | <300    | <300    |        |        | <300   |        |        | <300   |        |        | <300   | <300   |        |        |      | <300   |  |
| 11/1/2021                | HOLTEC-TEL               | <511                          | <522    | <542    | <489   | <505   | <491   | <474   |         |         |        | <514   |        |        | <519   |        | <508   |        |        |        |        |        | <486 |        |  |
|                          | MDPH-MERL                | <300                          | <300    | <300    | <300   | <300   | <300   | <300   |         |         |        | <300   |        |        | <300   |        | <300   |        |        |        |        |        | <300 |        |  |
| 11/15/2021               | HOLTEC-TEL               |                               |         |         |        |        |        |        |         |         | <602   |        |        | <562   |        |        |        | <545   |        |        | <604   | <574   |      |        |  |
|                          | MDPH-MERL                |                               |         |         |        |        |        |        |         |         | <300   |        |        | <300   |        |        |        | 418    |        |        | <300   | <300   |      |        |  |
| 12/6/2021                | HOLTEC-TEL               |                               |         |         |        |        |        |        |         |         | <165   |        |        |        |        |        |        | 486    |        |        | <177   |        |      |        |  |
|                          | MDPH-MERL                |                               |         |         |        |        |        |        |         |         | <300   |        |        |        |        |        |        | 411    |        |        | <300   |        |      |        |  |

1. Sample analysis for Holtec is by Teledyne and for MDPH is by the Massachusetts Environmental Radiation Laboratory (MERL).

"<" Results are less than the detection limit shown. MERL's lower detection limit is 300 p(Ci/L).