

## **Private Well Sampling Monthly Summary Princeton PFAS Release RTN 2-21072**

**TO:** Rebecca Buswell; MassDEP  
**FROM:** Jeffrey Arps, LSP; Tighe & Bond  
**COPY:** Sherry Patch; Princeton Town Administrator  
**DATE:** July 7, 2020

This memo is intended to provide an update to MassDEP on the status of ongoing assessment and response actions as required in MassDEP's January 24, 2020 IRA Plan Conditional Approval.

### **Summary of Recent Response Actions**

- The previous monthly spreadsheet was submitted on June 10, 2020.
- Radius 1 sampling is complete with the exception of 22 Mountain Road. Despite numerous attempts we have been unable to contact the homeowner. It is unknown if the residence is occupied. The majority of Radius 1 sampling was completed in December 2019 and January 2020.
- All locations identified for sampling in Radius 2 were sampled in January and February 2020.
- Locations identified for sampling in Radius 3 were sampled in February and March 2020 with the exception of the following locations:
  - 35 Hubbardston – No contact with owner
  - 39 Hubbardston – Vacant (foreclosure)
  - 27 Prospect – Vacant
  - 31 Prospect – Vacant
- Locations identified for sampling in Radius 4 were sampled in April and May 2020 with the exception of the following locations:
  - 15 Radford – No contact with owner (2 requests sent by town)
  - 18 Radford – No contact with owner (2 requests sent by town)
  - 23 Radford – No contact with owner (2 requests sent by town)
  - 38 Radford – No contact with owner (2 requests sent by town)
- Based on the results received to date from Radius 4, we recommend adding the following locations for sampling:
  - 55 Merriam
  - 58 Merriam
  - 6 Connor Lane
- POET system monitoring is being completed monthly at 19 locations. POET systems were installed at 12 Radford, 54 Mountain and 58 Mountain in June 2020, and the system was installed at 58 Mountain Road on July 7.

- Based on the performance of POET systems to date, Tighe & Bond recommends reducing POET monitoring to quarterly for all treatment systems. Any new systems installed will be sampled two weeks after installation is completed.
- The permit application for a POET at 14 Mountain Road is in-process.
- Sampling of those locations sampled in December 2019 and January 2020 were resampled in May and June 2020 with the exception of 11 Prospect Street, which has a new owner that has not been identified. 1 Worcester Road and 2 Mountain Road were the only locations where a PFAS detection was observed (2.5 ppt and 2.1 ppt respectively) that were previously non-detect.
- The Town of Princeton was approved for up to 75 water samples under the PFAS Free Sampling Initiative. Through June 15, 2020, 52 samples have been billed to MassDEP under the initiative.

J:\P\0534 Princeton PSB\PFAS 2019\MADEP\Monthly Submittals\June 2020\Memo.docx

| MONTHLY PRIVATE WELL SAMPLING SUMMARY<br>PRINCETON PFAS RELEASE<br>PRINCETON MASSACHUSETTS<br>RTN 2-21072 |                        |                    |                            |                                                                                     |
|-----------------------------------------------------------------------------------------------------------|------------------------|--------------------|----------------------------|-------------------------------------------------------------------------------------|
| Sample Location                                                                                           | Date Sampled           | Date Data Received | Total Regulated PFAS (ppt) | Comments                                                                            |
| Town Well                                                                                                 | 9/5/2019               | 9/25/2019          | 124.7                      |                                                                                     |
|                                                                                                           | 9/27/2019              | 10/21/2019         | 100.2                      |                                                                                     |
|                                                                                                           | 1/8/2020               | 2/27/2020          | 230.1                      |                                                                                     |
| 9 Allen Hill                                                                                              | 2/12/2020              | 2/28/2020          | <2                         | Round 3 location                                                                    |
| 12 Allen Hill                                                                                             | 2/14/2020              | 2/27/2020          | 12.2                       | Round 3 location                                                                    |
| 15 Allen Hill                                                                                             | 4/28/2020              | 5/14/2020          | <2                         | Round 4 Location                                                                    |
| 19 Allen Hill                                                                                             | 4/28/2020              | 5/14/2020          | <2                         | Round 4 Location                                                                    |
| 20 Allen Hill                                                                                             | 5/8/2020               | 5/19/2020          | 5.3                        | Round 4 Location                                                                    |
| 32 Allen Hill                                                                                             | 2/2/2020               | 2/6/2020           | <2                         |                                                                                     |
| 7 Boylston                                                                                                | 1/27/2020              | 2/13/2020          | 23.2                       | Field Blank contained PFAS, concentration confirmed by running duplicate, see table |
|                                                                                                           | POET INSTALLED 3/1/20  |                    |                            |                                                                                     |
|                                                                                                           | 3/17/2020              | 4/1/2020           | 29                         | 1st system sample (mid- and effluent ND)                                            |
|                                                                                                           | 5/1/2020               | 5/18/2020          | 18                         | (mid- and effluent ND)                                                              |
|                                                                                                           | 6/18/2020              | PENDING            |                            |                                                                                     |
| 12 Boylston                                                                                               | 1/13/2020              | 1/29/2020          | 26.1                       |                                                                                     |
|                                                                                                           | POET INSTALLED 3/20/20 |                    |                            |                                                                                     |
|                                                                                                           | 5/1/2020               | 5/13/2020          | 25.6                       | 1st system sample                                                                   |
|                                                                                                           | 6/23/2020              | PENDING            |                            |                                                                                     |
| 13 Boylston                                                                                               | 1/8/2020               | 1/21/2020          | <2                         |                                                                                     |
|                                                                                                           | 5/28/2020              | 6/15/2020          | <2                         | Quarterly Sample                                                                    |
| 16 Boylston                                                                                               | 1/9/2020               | 1/21/2020          | 19.9                       | Very close to standard                                                              |
|                                                                                                           | 5/28/2020              | 6/15/2020          | 19.6                       | Quarterly Sample                                                                    |
| 17 Boylston                                                                                               | 1/8/2020               | 1/21/2020          | <2                         |                                                                                     |
|                                                                                                           | 5/28/2020              | 6/15/2020          | <2                         | Quarterly Sample                                                                    |
| 21 Boylston                                                                                               | 2/19/2020              | 2/27/2020          | <2                         | Round 3 Location                                                                    |
| 24 Boylston                                                                                               | 1/9/2020               | 1/21/2020          | <2                         |                                                                                     |
|                                                                                                           | 5/29/2020              | 6/15/2020          | <2                         | Quarterly Sample                                                                    |
| 32 Boylston                                                                                               | 5/28/2020              | 6/15/2020          | 6.6                        | Round 4 Location                                                                    |
| 40 Boylston                                                                                               | 4/28/2020              | 5/14/2020          | 9.2                        | Round 4 Location                                                                    |
| 4 Goodnow                                                                                                 | 4/28/2020              | 5/18/2020          | <2                         | Round 4 Location                                                                    |
| 9 Gregory Road                                                                                            | 2/1/2020               | 2/7/2020           | <2                         | Outside of radius                                                                   |
| 11 Gregory Hill                                                                                           | 1/22/2020              | 2/6/2020           | <2                         |                                                                                     |
|                                                                                                           | 5/29/2020              | 6/15/2020          | <2                         | Quarterly Sample                                                                    |
| 13 Gregory Hill                                                                                           | 1/10/2020              | 1/23/2020          | <2                         |                                                                                     |
|                                                                                                           | 5/29/2020              | 6/15/2020          | <2                         | Quarterly Sample                                                                    |
| 14 Gregory Hill                                                                                           | 1/9/2020               | 1/21/2020          | 9.4                        |                                                                                     |
|                                                                                                           | 5/29/2020              | 6/15/2020          | 11.4                       | Quarterly Sample                                                                    |
| 15 Gregory Hill                                                                                           | 1/13/2020              | 1/23/2020          | 20.4                       |                                                                                     |
|                                                                                                           | POET INSTALLED 2/26/20 |                    |                            |                                                                                     |
|                                                                                                           | 3/11/2020              | 3/18/2020          | 14.2                       | 1st system sample (mid- and effluent ND)                                            |
|                                                                                                           | 6/23/2020              | PENDING            |                            |                                                                                     |
| 21 Gregory Hill                                                                                           | 2/28/2020              | 3/6/2020           | <2                         | Round 3 Location                                                                    |
| 44 Gregory Hill                                                                                           | 2/5/2020               | 2/14/2020          | <2                         | Round 3 Location                                                                    |
| 1 Hubbardston                                                                                             | 1/8/2020               | 1/21/2020          | 31.5                       |                                                                                     |
|                                                                                                           | POET INSTALLED 2/26/20 |                    |                            |                                                                                     |
|                                                                                                           | 3/11/2020              | 3/18/2020          | 28                         | 1st system sample (mid- and effluent ND)                                            |
|                                                                                                           | 5/1/2020               | 5/13/2020          | 29.8                       | (mid- and effluent ND)                                                              |
|                                                                                                           | 6/18/2020              | PENDING            |                            |                                                                                     |
| 5 Hubbardston                                                                                             | 12/5/2020              | 12/13/2019         | 39.2                       |                                                                                     |
|                                                                                                           | POET INSTALLED 1/28/20 |                    |                            |                                                                                     |
|                                                                                                           | 2/5/2020               | 2/18/2020          | 34.4                       | 1st system sample (mid- and effluent ND)                                            |
|                                                                                                           | 3/5/2020               | 3/11/2020          | 18.5                       | (mid- and effluent ND)                                                              |
|                                                                                                           | 5/1/2020               | 5/13/2020          | 22.7                       | (mid- and effluent ND)                                                              |
| 7 Hubbardston                                                                                             | 12/5/2020              | 12/13/2019         | 9.7                        |                                                                                     |
|                                                                                                           | 6/5/2020               | 6/15/2020          | 11.7                       | Quarterly Sample                                                                    |
| 15 Hubbardston                                                                                            | 12/5/2020              | 12/13/2019         | 132.6                      |                                                                                     |
|                                                                                                           | POET INSTALLED 2/11/20 |                    |                            |                                                                                     |
|                                                                                                           | 2/26/2020              | 3/9/2020           | 90.5                       | 1st system sample (mid- and effluent ND)                                            |
|                                                                                                           | 5/1/2020               | 5/13/2020          | 120.2                      | (mid- and effluent ND)                                                              |
|                                                                                                           | 6/18/2020              | PENDING            |                            |                                                                                     |
| 19 Hubbardston                                                                                            | 12/5/2020              | 12/13/2019         | 9.7                        |                                                                                     |
|                                                                                                           | 2/26/2020              | 3/9/2020           | NA                         | POET installed by homeowner, EFF sample collected at homeowner request, EFF=ND      |
|                                                                                                           | 6/5/2020               | 6/15/2020          | 5.8                        | Quarterly Sample, (mid- and effluent ND)                                            |
| 23 Hubbardston                                                                                            | 1/10/2020              | 1/23/2020          | 9.0                        |                                                                                     |
|                                                                                                           | 1/27/2020              | 1/30/2020          | 8.7                        | resample                                                                            |
|                                                                                                           | 5/29/2020              | 6/15/2020          | 7.4                        | Quarterly Sample                                                                    |
| 33 Hubbardston                                                                                            | 2/5/2020               | 2/17/2020          | 2.5                        | Round 3 Location                                                                    |
| 35 Hubbardston                                                                                            |                        |                    |                            | Round 3 Location                                                                    |
| 36 Hubbardston                                                                                            | 2/6/2020               | 2/14/2020          | <2                         | Round 3 Location                                                                    |
| 39 Hubbardston                                                                                            |                        |                    |                            | Vacant, Foreclosure                                                                 |
| 42 Hubbardston                                                                                            | 2/10/2020              | 2/28/2020          | <2                         | Round 3 Location                                                                    |
| 43 Hubbardston                                                                                            | 12/12/2019             | 1/31/2020          | 29                         | Sampled by homeowner                                                                |
|                                                                                                           | POET INSTALLED 3/20/20 |                    |                            |                                                                                     |
|                                                                                                           | 5/8/2020               | 5/26/2020          | 29.5                       | 1st system sample                                                                   |
|                                                                                                           | 6/23/2020              | PENDING            |                            |                                                                                     |
| 44 Hubbardston                                                                                            | 2/10/2020              | 2/28/2020          | <2                         | Round 3 Location                                                                    |
| 46 Hubbardston                                                                                            | 2/12/2020              | 2/28/2020          | 12.2                       | Round 3 Location                                                                    |
| 48 Hubbardston                                                                                            | 2/12/2020              | 2/28/2020          | <2                         | Round 3 Location                                                                    |
| 52 Hubbardston                                                                                            | 2/12/2020              | 2/28/2020          | <2                         | Round 3 Location                                                                    |
| 73 Hubbardston                                                                                            | 6/5/2020               | 6/22/2020          | <2                         | Round 4 Location                                                                    |
| 81 Hubbardston                                                                                            | 4/28/2020              | 5/14/2020          | <2                         | Round 4 Location                                                                    |
| 57 Merriam                                                                                                | 4/28/2020              | 5/14/2020          | 6.8                        | Round 4 Location (Homeowner paid to have one carbon unit installed)                 |
| 59 Merriam                                                                                                | 4/28/2020              | 5/14/2020          | <2                         | Round 4 Location                                                                    |
| 70 Merriam                                                                                                | 4/28/2020              | 5/14/2020          | <2                         | Round 4 Location                                                                    |
| 85 Merriam                                                                                                | 2/26/2020              | 3/6/2020           | 6.8                        | Added to Round 3                                                                    |
| 105 Merriam                                                                                               | 2/28/2020              | 3/6/2020           | <2                         | Added to Round 3                                                                    |
| Mountain Road Runoff                                                                                      | 2/27/2020              | 3/12/2020          | 3,642.3                    |                                                                                     |
| 2 Mountain                                                                                                | 1/7/2020               | 1/21/2020          | <2                         |                                                                                     |
|                                                                                                           | 6/5/2020               | 6/15/2020          | 2.1                        | Quarterly Sample                                                                    |
| 6 Mountain                                                                                                | 12/5/2020              | 12/13/2019         | 30.1                       |                                                                                     |
|                                                                                                           | POET INSTALLED 1/28/20 |                    |                            |                                                                                     |
|                                                                                                           | 2/5/2020               | 2/18/2020          | 18.2                       | 1st system sample (mid- and effluent ND)                                            |
|                                                                                                           | 3/5/2020               | 3/12/2020          | 24.5                       | (mid- and effluent ND)                                                              |
|                                                                                                           | 5/8/2020               | 5/26/2020          | 20.5                       | (mid- and effluent ND)                                                              |
|                                                                                                           | 6/23/2020              | PENDING            |                            |                                                                                     |
| 10 Mountain                                                                                               | 12/9/2020              | 12/30/2019         | 2.0                        |                                                                                     |
|                                                                                                           | 6/11/2020              | 6/22/2020          | 10.9                       | Quarterly Sample                                                                    |
| 14 Mountain                                                                                               | 1/9/2020               | 1/21/2020          | 38.7                       | NEEDS A POET                                                                        |
|                                                                                                           | 1/22/2020              | 2/6/2020           | 45.1                       | resample                                                                            |
|                                                                                                           | 5/29/2020              | 6/15/2020          | 43.3                       | Quarterly Sample                                                                    |
| 18 Mountain                                                                                               | 1/10/2020              | 1/23/2020          | 217.4                      |                                                                                     |
|                                                                                                           | POET INSTALLED 2/11/20 |                    |                            |                                                                                     |
|                                                                                                           | 2/14/2020              | 3/3/2020           | 165.6                      | 1st system sample (mid- and effluent ND)                                            |
|                                                                                                           | 3/11/2020              | 3/18/2020          | 227.0                      | system sample (mid- and effluent ND)                                                |
|                                                                                                           | 5/1/2020               | 5/13/2020          | 128.9                      | (mid- and effluent ND)                                                              |

| Sample Location | Date Sampled           | Date Data Received | Total Regulated PFAS (ppt) | Comments                                                                                                |
|-----------------|------------------------|--------------------|----------------------------|---------------------------------------------------------------------------------------------------------|
|                 | 6/18/2020              | PENDING            |                            |                                                                                                         |
|                 | 12/4/2020              | 12/13/2019         | 421                        |                                                                                                         |
| 19 Mountain     | POET INSTALLED 1/10/20 |                    |                            |                                                                                                         |
|                 | 1/13/2020              | 1/30/2020          | 109.5                      | 1st system sample (mid- and effluent ND)                                                                |
|                 | 1/17/2020              | 1/30/2020          | 345.6                      | 2nd system sample (mid- and effluent ND)                                                                |
|                 | 1/31/2020              | 2/7/2020           | 73.0                       | 3rd system sample (mid- and effluent ND)                                                                |
|                 | 3/3/2020               | 3/17/2020          | 70.0                       | (mid- and effluent ND)                                                                                  |
|                 | 5/8/2020               | 5/26/2020          | 119.2                      | (mid- and effluent ND)                                                                                  |
|                 | 6/18/2020              | PENDING            |                            |                                                                                                         |
|                 | 1/10/2020              | 1/23/2020          | 86                         |                                                                                                         |
| 20 Mountain     | POET INSTALLED 2/11/20 |                    |                            |                                                                                                         |
|                 | 2/14/2020              | 2/26/2020          | 106                        | 1st system sample (mid- and effluent ND)                                                                |
|                 | 3/17/2020              | 4/1/2020           | 112                        | (mid- and effluent ND)                                                                                  |
|                 | 6/18/2020              | PENDING            |                            |                                                                                                         |
|                 | 12/5/2019              | 12/13/2019         | 102.4                      |                                                                                                         |
| 21 Mountain     | POET INSTALLED 1/21/20 |                    |                            |                                                                                                         |
|                 | 1/24/2020              | 1/30/2020          | 88.6                       | 1st system sample (mid- and effluent ND)                                                                |
|                 | 1/31/2020              | 2/7/2020           | 77.7                       | 2nd system sample (mid- and effluent ND)                                                                |
|                 | 2/7/2020               | 2/18/2020          | 61.5                       | 3rd system sample (mid- and effluent ND)                                                                |
|                 | 3/17/2020              | 4/1/2020           | 88.9                       | (mid- and effluent ND)                                                                                  |
|                 | 5/8/2020               | 5/26/2020          | 51.4                       | (mid- and effluent ND)                                                                                  |
| 22 Mountain     |                        |                    |                            |                                                                                                         |
|                 | 1/8/2020               | 1/21/2020          | 117.3                      |                                                                                                         |
| 29 Mountain     | POET INSTALLED 2/24/20 |                    |                            |                                                                                                         |
|                 | 3/11/2020              | 3/18/2020          | 84                         | 1st system sample (mid- and effluent ND)                                                                |
|                 | 5/8/2020               | 6/2/2020           | 52.4                       | MID (ND), EFF (40.5), EFF DUP (25.2), resampled 6/3 EFF (ND)                                            |
| 30 Mountain     | 1/27/2020              | 1/30/2020          | 15.9                       |                                                                                                         |
|                 | 6/5/2020               | 6/22/2020          | 12.6                       | Quarterly Sample                                                                                        |
| 33 Mountain     | 2/7/2020               | 2/14/2020          | <2                         |                                                                                                         |
| 38 Mountain     | 2/14/2020              | 2/27/2020          | 2.2                        | Round 3 Location                                                                                        |
|                 | 2/12/2020              | 2/28/2020          | 62.5                       |                                                                                                         |
| 51 Mountain     | POET INSTALLED 5/1/20  |                    |                            |                                                                                                         |
|                 | 5/28/2020              | 6/15/2020          | 64.4                       | 1st system sample (mid- and effluent ND)                                                                |
|                 | 6/23/2020              | PENDING            |                            |                                                                                                         |
| 54 Mountain     | 2/26/2020              | 3/6/2020           | 45.6                       | NEEDS A POET                                                                                            |
|                 | POET INSTALLED 6/2/20  |                    |                            |                                                                                                         |
|                 | 6/22/2020              | PENDING            |                            | 1st System Sample                                                                                       |
| 58 Mountain     | 2/26/2020              | 3/6/2020           | 354                        | NEEDS A POET                                                                                            |
|                 | 1/30/2020              | 2/5/2020           | 75                         | Outside Radius (homeowner pregnant, sampled as courtesy with 3 day rush)                                |
| 64 Mountain     | POET INSTALLED 2/18/20 |                    |                            |                                                                                                         |
|                 | 3/3/2020               | 3/12/2020          | 89.5                       | 1st system sample                                                                                       |
|                 | 5/8/2020               | 5/26/2020          | 69.2                       | (mid- and effluent ND)                                                                                  |
|                 | 6/18/2020              | PENDING            |                            |                                                                                                         |
|                 | 1/13/2020              | 1/16/2020          | 38.2                       | (mid- and effluent ND)                                                                                  |
| 5 Prospect      | POET INSTALLED 1/21/20 |                    |                            |                                                                                                         |
|                 | 1/23/2020              | 2/6/2020           | 9.6                        | 1st system sample (mid- and effluent ND)                                                                |
|                 | 1/31/2020              | 2/7/2020           | 2.5                        | 2nd system sample (mid- and effluent ND)                                                                |
|                 | 2/7/2020               | 2/18/2020          | 2.4                        | 3rd system                                                                                              |
|                 | 6/18/2020              | PENDING            |                            |                                                                                                         |
| 7 Prospect      | 12/9/2019              | 12/30/2019         | 13.3                       |                                                                                                         |
|                 | 6/5/2020               | 6/15/2020          | 17.0                       | Quarterly Sample                                                                                        |
| 11 Prospect     | 1/8/2020               | 1/21/2020          | 4.4                        |                                                                                                         |
|                 | 2/20/2020              | 2/26/2020          | 5.8                        | POET installed by homeowner, INF/MID/EFF samples collected at homeowner request, (mid- and effluent ND) |
| 16 Prospect     | 1/22/2020              | 2/7/2020           | <2                         |                                                                                                         |
|                 | 6/5/2020               | 6/15/2020          | <2                         | Quarterly Sample                                                                                        |
| 17 Prospect     | 1/8/2020               | 1/21/2020          | 2.8                        |                                                                                                         |
|                 | 6/5/2020               | 6/15/2020          | <2                         | Quarterly Sample                                                                                        |
| 18 Prospect     | 1/8/2020               | 1/21/2020          | <2                         |                                                                                                         |
|                 | 6/5/2020               | 6/15/2020          | <2                         | Quarterly Sample                                                                                        |
| 21 Prospect     | 2/5/2020               | 2/14/2020          | <2                         | No contact info, left flyer on 1/21, certified letter sent 1/28, homeowner reached out on 2/3.          |
| 26 Prospect     | 2/6/2020               | 2/14/2020          | <2                         | Round 3 Location                                                                                        |
| 27 Prospect     |                        |                    |                            | Round 3 Location                                                                                        |
| 31 Prospect     |                        |                    |                            | Vacant property, Condemned                                                                              |
| 41 Prospect     |                        |                    |                            | Round 4 Location                                                                                        |
| 2 Radford       | 2/19/2020              | 2/26/2020          | <2                         | Round 3 Location                                                                                        |
| 7 Radford       | 2/28/2020              | 3/6/2020           | 2.3                        | Round 3 Location                                                                                        |
| 8 Radford       | 2/28/2020              | 3/6/2020           | 6.4                        | Round 3 Location                                                                                        |
| 11 Radford      | 2/14/2020              | 2/27/2020          | 5                          | Round 3 Location                                                                                        |
| 12 Radford      | 5/1/2020               | 5/14/2020          | 22.5                       | NEEDS A POET                                                                                            |
|                 | POET INSTALLED 6/16/20 |                    |                            |                                                                                                         |
| 13 Radford      | 3/4/2020               | 3/16/2020          | <2                         | Round 3 Location                                                                                        |
| 15 Radford      |                        |                    |                            | Round 4 Location                                                                                        |
| 18 Radford      |                        |                    |                            | Round 4 Location                                                                                        |
| 23 Radford      |                        |                    |                            | Round 4 Location                                                                                        |
| 28 Radford      | 1/30/2020              | 2/5/2020           | 15.1                       |                                                                                                         |
| 29 Radford      | 3/17/2020              | 4/1/2020           | 6.7                        | Round 4 Location                                                                                        |
| 33 Radford      | 5/29/2020              | 6/15/2020          | <2                         | Round 4 Location                                                                                        |
| 37 Radford      | 4/28/2020              | 5/14/2020          | 2.1                        | Round 4 Location                                                                                        |
| 38 Radford      |                        |                    |                            | Round 4 Location                                                                                        |
| 1 Worcester     | 1/7/2020               | 1/21/2020          | <2                         |                                                                                                         |
|                 | 6/11/2020              | 6/22/2020          | 2.5                        | Quarterly Sample                                                                                        |
| 10 Worcester    | 1/9/2020               | 1/21/2020          | 16.6                       |                                                                                                         |
|                 | 6/11/2020              | 6/22/2020          | 3.0                        | Quarterly Sample                                                                                        |
| 15 Worcester    | 3/6/2020               | 3/16/2020          | 3.1                        | Round 3 Location                                                                                        |
| 16 Worcester    | 2/5/2020               | 2/14/2020          | 2.2                        | Round 3 Location                                                                                        |
| 17 Worcester    | 2/10/2020              | 2/14/2020          | <2                         | Round 3 Location                                                                                        |
| 20 Worcester    | 3/17/2020              | 4/1/2020           | <2                         | Round 3 Location                                                                                        |
| 23 Worcester    | 2/5/2020               | 2/14/2020          | <2                         | Round 3 Location                                                                                        |



FIGURE 2  
ORTHOPHOTOGRAPH  
SITE PLAN

LEGEND

Total Regulated PFAS Concentrations  
in Parts-Per-Trillion (ppt)

- Greater Than 100
- Greater Than 20 But Less Than 100
- Greater Than 2 But Less Than 20
- Non Detect (<2)
- Non-Community Transient Public Water Supply

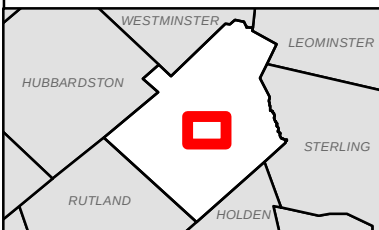
500' Foot Radii Over Time

- Start of Project
- Current Status (2020/06/25)

Affected Property Labels:

- (Point of Entry Treatment, if present)
- Address
- PFAS 6-Compound Total

LOCUS MAP



NOTES

- Based on Google Imagery (2017)
- 500' Buffer based on a 50' buffer of building structures. Well locations are assumed to be within 50' of each home.
- Abbreviation Dictionary:  
"ALLEN HILL RD": "A-HIL"  
"BOYLSTON AVE": "BYLN"  
"GREGORY HILL RD": "G-HIL"  
"HUBBARDSTON RD": "HUB"  
"MOUNTAIN RD": "MTN"  
"PROSPECT ST": "PRSP"  
"RADFORD RD": "RFRD"  
"WORCESTER RD": "WORC"  
"MERRIAM": "MRIM"  
"GOODNOW": "GDNW"

NOTES

- Based on Google Imagery (2017)
- 500' Buffer based on a 50' buffer of building structures. Well locations are assumed to be within 50' of each home.
- Abbreviation Dictionary:  
"ALLEN HILL RD": "A-HIL"  
"BOYLSTON AVE": "BYLN"  
"GREGORY HILL RD": "G-HIL"  
"HUBBARDSTON RD": "HUB"  
"MOUNTAIN RD": "MTN"  
"PROSPECT ST": "PRSP"  
"RADFORD RD": "RFRD"  
"WORCESTER RD": "WORC"  
"MERRIAM": "MRIM"  
"GOODNOW": "GDNW"

"ALLEN HILL RD": "A-HIL"  
"BOYLSTON AVE": "BYLN"  
"GREGORY HILL RD": "G-HIL"  
"HUBBARDSTON RD": "HUB"  
"MOUNTAIN RD": "MTN"  
"PROSPECT ST": "PRSP"  
"RADFORD RD": "RFRD"  
"WORCESTER RD": "WORC"  
"MERRIAM": "MRIM"  
"GOODNOW": "GDNW"

Princeton, Massachusetts

June 2020

**Tighe&Bond**  
Engineers | Environmental Specialists





TABLE 1  
PFAS Drinking Water Summary  
Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

| Last Updated: 06/23/2020                       |                                        | X X X                |           |          |                       |                            |                    |                       |                      |                    |                     |                     |                     |                     |
|------------------------------------------------|----------------------------------------|----------------------|-----------|----------|-----------------------|----------------------------|--------------------|-----------------------|----------------------|--------------------|---------------------|---------------------|---------------------|---------------------|
| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | Town Well (WELL-01G) |           |          | Mountain Rd<br>Runoff | Thomas<br>Prince<br>School | E. Princeton<br>FS | E. Princeton<br>FS FB | Krashes<br>Field DPW | 9 Allen Hill<br>rd | 12 Allen Hill<br>Rd | 15 Allen Hill<br>Rd | 19 Allen Hill<br>Rd | 20 Allen Hill<br>Rd |
| Sample Date                                    |                                        | 9/5/2019             | 9/27/2019 | 1/8/2020 | 2/27/2020             | 2/27/20                    | 1/9/20             | 1/9/20                | 1/13/20              | 2/12/20            | 2/19/20             | 4/28/20             | 4/28/20             | 5/8/20              |
| Lab Sample ID                                  |                                        |                      |           |          | 20C0043               | 20C0041-01                 | 20A0455-01         | 20A0455-02            | 20A0586-01           | 20B0669-01         | 20B0848-01          | 20E0031-01          | 20E0036-01          | 20E0576-01          |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                      |           |          |                       |                            |                    |                       |                      |                    |                     |                     |                     |                     |
| Diesel/#2 Fuel                                 | NS                                     | -                    | -         | -        | -                     | -                          | -                  | -                     | -                    | -                  | -                   | -                   | -                   | -                   |
| <b>General Chemistry (mg/l)</b>                |                                        |                      |           |          |                       |                            |                    |                       |                      |                    |                     |                     |                     |                     |
| Hardness (as CaCO3)                            | NS                                     | -                    | -         | -        | -                     | -                          | -                  | -                     | -                    | -                  | -                   | -                   | -                   | -                   |
| Solids (Total Dissolved)                       | NS                                     | -                    | -         | -        | -                     | -                          | -                  | -                     | -                    | -                  | -                   | -                   | -                   | -                   |
| Chloride                                       | NS                                     | -                    | -         | -        | -                     | -                          | -                  | -                     | -                    | -                  | -                   | -                   | -                   | -                   |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                      |           |          |                       |                            |                    |                       |                      |                    |                     |                     |                     |                     |
| Arsenic                                        | NS                                     | -                    | -         | -        | -                     | -                          | -                  | -                     | -                    | -                  | -                   | -                   | -                   | -                   |
| Manganese                                      | NS                                     | -                    | -         | -        | -                     | -                          | -                  | -                     | -                    | -                  | -                   | -                   | -                   | -                   |
| Sodium                                         | NS                                     | -                    | -         | -        | -                     | -                          | -                  | -                     | -                    | -                  | -                   | -                   | -                   | -                   |
| Iron                                           | NS                                     | -                    | -         | -        | -                     | -                          | -                  | -                     | -                    | -                  | -                   | -                   | -                   | -                   |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                      |           |          |                       |                            |                    |                       |                      |                    |                     |                     |                     |                     |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | <1.82                | <1.87     | <1.84    | <2.0                  | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | <2.0                | <2.0                | <2.0                | <2.0                |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | <1.82                | <1.87     | <1.84    | <2.0                  | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | <2.0                | <2.0                | <2.0                | <2.0                |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | <1.82                | <1.87     | <1.84    | <2.0                  | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | <2.0                | <2.0                | <2.0                | <2.0                |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | <1.82                | <1.87     | <1.84    | <2.0                  | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | <2.0                | <2.0                | <2.0                | <2.0                |
| N-EtFOSAA                                      | NS                                     | <1.82                | <1.87     | <1.84    | 3.1                   | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | <2.0                | <2.0                | <2.0                | <2.0                |
| N-MeFOSAA                                      | NS                                     | <1.82                | <1.87     | <1.84    | 3.9                   | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | <2.0                | <2.0                | <2.0                | <2.0                |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | 26.9                 | 17        | 31.9     | 58                    | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | <2.0                | <2.0                | <2.0                | <2.0                |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | <1.82                | <1.87     | <1.84    | <2.0                  | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | <2.0                | <2.0                | <2.0                | <2.0                |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | <1.82                | <1.87     | 2.86     | 88                    | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | <2.0                | <2.0                | <2.0                | 3.0                 |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | <1.82                | <1.87     | <1.84    | <2.0                  | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | <2.0                | <2.0                | <2.0                | <2.0                |
| Perfluorotridecanoic acid (PFTTrDA)            | NS                                     | <1.82                | <1.87     | <1.84    | <2.0                  | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | <2.0                | <2.0                | <2.0                | <2.0                |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | <1.82                | <1.87     | <1.84    | <2.0                  | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | <2.0                | <2.0                | <2.0                | <2.0                |
| <b>PFAS - Regulated (ng/L)</b>                 |                                        |                      |           |          |                       |                            |                    |                       |                      |                    |                     |                     |                     |                     |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | <1.82                | <1.87     | <1.84    | 6.2                   | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | <2.0                | <2.0                | <2.0                | <2.0                |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | <1.82                | <1.87     | 2.47     | 23                    | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | 2.2                 | <2.0                | <2.0                | 2.3                 |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | 94.4                 | 78.1      | 168      | 710                   | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | <2.0                | <2.0                | <2.0                | <2.0                |
| perfluorononanoic acid (PFNA)                  | NS                                     | <1.82                | <1.87     | <1.84    | 3.1                   | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | <2.0                | <2.0                | <2.0                | <2.0                |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | 26.4                 | 18.9      | 52.6     | 2800                  | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | 4.2                 | <2.0                | <2.0                | <2.0                |
| perfluorooctanoic acid (PFOA)                  | NS                                     | 3.92                 | 3.18      | 9.52     | 100                   | <2.0                       | <2.0               | <2.0                  | <2.0                 | <2.0               | 5.8                 | <2.0                | <2.0                | 3.1                 |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | 124.7                | 100       | 233      | 3642.3                | ND                         | ND                 | ND                    | ND                   | ND                 | 12.2                | ND                  | ND                  | 5.3                 |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | 151.6                | 117       | 267      | 3795.3                | ND                         | ND                 | ND                    | ND                   | ND                 | 12.2                | ND                  | ND                  | 8.3                 |

mg/l - milligrams per liter  
ug/l - micrograms per liter  
ng/l - nanograms per liter  
MCP - Massachusetts Contingency Plan  
MMCL is Massachusetts Maximun Containment Level  
PFAS - Per- and Polyfluoroalkyl substances  
NS - No Standard  
<## - Parameter not detected above provided reporting limit  
Bold and boxed values indicate exceedances of criteria

TABLE 1  
PFAS Drinking Water Summary  
Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

|                                                |                                        | X                   |                   | X                 |                      | X                 |                   | X                 |                   | X                 |                   | X                  |                    | X                  |                    |
|------------------------------------------------|----------------------------------------|---------------------|-------------------|-------------------|----------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | 32 Allen Hill<br>Rd | 7 Boylston<br>Ave | 7 Boylston<br>Ave | 7 Boylston<br>Ave FB | 7 Boylston<br>INF | 7 Boylston<br>MID | 7 Boylston<br>EFF | 7 Boylston<br>INF | 7 Boylston<br>MID | 7 Boylston<br>EFF | 12 Boylston<br>Ave | 12 Bolyston<br>Ave | 12 Boylston<br>INF | 12 Boylston<br>MID |
| Sample Date                                    |                                        | 2/2/20              | 1/27/20           | 1/27/20           | 1/27/20              | 3/17/20           | 3/17/20           | 3/17/20           | 5/1/20            | 5/1/20            | 5/1/20            | 1/10/20            | 3/6/20             | 5/1/20             | 5/1/20             |
| Lab Sample ID                                  |                                        | 20B0053-01          | 20A1229-01        | 20A1229-01        | 20A1229-02           | 20C0972-01        | 20C0972-02        | 20C0972-03        | 20E0116-01        | 20E0116-02        | 20E0116-03        | 20A0577-01         | 20C0333-01         | 20E0113-01         | 20E0113-02         |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                     |                   |                   |                      |                   |                   |                   |                   |                   |                   |                    |                    |                    |                    |
| Diesel/#2 Fuel                                 | NS                                     | -                   | -                 | -                 | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -                  | -                  | -                  | -                  |
| <b>General Chemistry (mg/l)</b>                |                                        |                     |                   |                   |                      |                   |                   |                   |                   |                   |                   |                    |                    |                    |                    |
| Hardness (as CaCO3)                            | NS                                     | -                   | -                 | -                 | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -                  | 360                | -                  | -                  |
| Solids (Total Dissolved)                       | NS                                     | -                   | -                 | -                 | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -                  | 780                | -                  | -                  |
| Chloride                                       | NS                                     | -                   | -                 | -                 | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -                  | 380                | -                  | -                  |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                     |                   |                   |                      |                   |                   |                   |                   |                   |                   |                    |                    |                    |                    |
| Arsenic                                        | NS                                     | -                   | -                 | -                 | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -                  | <0.80              | -                  | -                  |
| Manganese                                      | NS                                     | -                   | -                 | -                 | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -                  | <1.0               | -                  | -                  |
| Sodium                                         | NS                                     | -                   | -                 | -                 | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -                  | 120,000            | -                  | -                  |
| Iron                                           | NS                                     | -                   | -                 | -                 | -                    | -                 | -                 | -                 | -                 | -                 | -                 | -                  | <50                | -                  | -                  |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                     |                   |                   |                      |                   |                   |                   |                   |                   |                   |                    |                    |                    |                    |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | <2.0                | <2.0              | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0               | -                  | <2.0               | <2.0               |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | <2.0                | <2.0              | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0               | -                  | <2.0               | <2.0               |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | <2.0                | <2.0              | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0               | -                  | <2.0               | <2.0               |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | <2.0                | <2.0              | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0               | -                  | <2.0               | <2.0               |
| N-EtFOSAA                                      | NS                                     | <2.0                | <2.0              | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0               | -                  | <2.0               | <2.0               |
| N-MeFOSAA                                      | NS                                     | <2.0                | <2.0              | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0               | -                  | <2.0               | <2.0               |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | <2.0                | 3.7               | 3.6               | <2.0                 | 4.1               | <2.0              | <2.0              | 2.2               | <2.0              | <2.0              | 9.1                | -                  | 7.5                | <2.0               |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | <2.0                | <2.0              | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0               | -                  | <2.0               | <2.0               |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | <2.0                | <2.0              | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0               | -                  | <2.0               | <2.0               |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | <2.0                | <2.0              | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0               | -                  | <2.0               | <2.0               |
| Perfluorotridecanoic acid (PFTrDA)             | NS                                     | <2.0                | <2.0              | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0               | -                  | <2.0               | <2.0               |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | <2.0                | <2.0              | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0               | -                  | <2.0               | <2.0               |
| <b>PFAS - Regulated (ng/L)</b>                 |                                        |                     |                   |                   |                      |                   |                   |                   |                   |                   |                   |                    |                    |                    |                    |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | <2.0                | <2.0              | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0               | -                  | <2.0               | <2.0               |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | <2.0                | <2.0              | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0               | -                  | <2.0               | <2.0               |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | <2.0                | 17                | 16                | <2.0                 | 20                | <2.0              | <2.0              | 12                | <2.0              | <2.0              | 14                 | -                  | 14                 | <2.0               |
| perfluorononanoic acid (PFNA)                  | NS                                     | <2.0                | <2.0              | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0               | -                  | <2.0               | <2.0               |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | <2.0                | 6.2               | 4.5               | 4.7                  | 6.2               | <2.0              | <2.0              | 3.3               | <2.0              | <2.0              | 6.4                | -                  | 5.7                | <2.0               |
| perfluorooctanoic acid (PFOA)                  | NS                                     | <2.0                | <2.0              | 2.7               | 14                   | 2.8               | <2.0              | <2.0              | 2.5               | <2.0              | <2.0              | 5.7                | -                  | 5.9                | <2.0               |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | ND                  | 23                | 23                | 19                   | 29                | ND                | ND                | 18                | ND                | ND                | 26                 | -                  | 26                 | ND                 |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | ND                  | 27                | 27                | 19                   | 33                | ND                | ND                | 20                | ND                | ND                | 35                 | -                  | 33                 | ND                 |

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Last Updated: 06/23/2020

|                                                |                                        | X                  |                    | X                  |                    | X                  |                    | X                  |                    |                       | X                  | X                  | X                  | X                  |                       |
|------------------------------------------------|----------------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|-----------------------|
| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | 12 Boylston<br>EFF | 13 Boylston<br>Ave | 13 Boylston<br>Ave | 16 Boylston<br>Ave | 16 Boylston<br>Ave | 17 Boylston<br>Ave | 17 Boylston<br>Ave | 21 Boylston<br>Ave | 21 Boylston<br>Ave FB | 24 Boylston<br>Ave | 24 Boylston<br>Ave | 32 Boylston<br>Ave | 40 Boylston<br>Ave | 40 Boylston<br>Ave FB |
| Sample Date                                    |                                        | 5/1/20             | 1/8/20             | 5/28/20            | 1/9/20             | 5/28/20            | 1/8/20             | 5/28/20            | 2/19/20            | 2/19/20               | 1/9/20             | 5/29/20            | 5/28/20            | 4/28/20            | 4/28/20               |
| Lab Sample ID                                  |                                        | 20E0113-03         | 20A0416-01         | 20F0101-01         | 20A0424-01         | 20F0103-01         | 20A0421-01         | 20F0100-01         | 20B0952-01         | 20B0952-02            | 20A0423-01         | 20F0104-01         | 20F0102-01         | 20E0028-01         | 20E0028-02            |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                    |                    |                    |                    |                    |                    |                    |                    |                       |                    |                    |                    |                    |                       |
| Diesel/#2 Fuel                                 | NS                                     | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                     | -                  | -                  | -                  | -                  | -                     |
| <b>General Chemistry (mg/l)</b>                |                                        |                    |                    |                    |                    |                    |                    |                    |                    |                       |                    |                    |                    |                    |                       |
| Hardness (as CaCO3)                            | NS                                     | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                     | -                  | -                  | -                  | -                  | -                     |
| Solids (Total Dissolved)                       | NS                                     | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                     | -                  | -                  | -                  | -                  | -                     |
| Chloride                                       | NS                                     | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                     | -                  | -                  | -                  | -                  | -                     |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                    |                    |                    |                    |                    |                    |                    |                    |                       |                    |                    |                    |                    |                       |
| Arsenic                                        | NS                                     | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                     | -                  | -                  | -                  | -                  | -                     |
| Manganese                                      | NS                                     | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                     | -                  | -                  | -                  | -                  | -                     |
| Sodium                                         | NS                                     | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                     | -                  | -                  | -                  | -                  | -                     |
| Iron                                           | NS                                     | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                  | -                     | -                  | -                  | -                  | -                  | -                     |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                    |                    |                    |                    |                    |                    |                    |                    |                       |                    |                    |                    |                    |                       |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  |
| N-EtFOSAA                                      | NS                                     | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  |
| N-MeFOSAA                                      | NS                                     | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | <2.0               | <2.0               | <2.0               | 5.3                | 6.2                | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | <2.0               | <2.0               | <2.0               | 3.7                | 3.9                | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  |
| Perfluorotridecanoic acid (PFTTrDA)            | NS                                     | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  |
| <b>PFAS - Regulated (ng/L)</b>                 | NS                                     |                    |                    |                    |                    |                    |                    |                    |                    |                       |                    |                    |                    |                    |                       |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | <2.0               | <2.0               | <2.0               | 4.7                | 5.2                | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  |
| perfluorononanoic acid (PFNA)                  | NS                                     | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | <2.0               | <2.0               | <2.0               | 7.2                | 5.5                | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | 2.9                | 3.9                | <2.0                  |
| perfluorooctanoic acid (PFOA)                  | NS                                     | <2.0               | <2.0               | <2.0               | 8.0                | 8.9                | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0               | <2.0               | 3.7                | 5.3                | <2.0                  |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | ND                 | ND                 | ND                 | 19.9               | 19.6               | ND                 | ND                 | ND                 | ND                    | ND                 | ND                 | 6.6                | 9.2                | ND                    |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | ND                 | ND                 | ND                 | 28.9               | 29.7               | ND                 | ND                 | ND                 | ND                    | ND                 | ND                 | 6.6                | 9.2                | ND                    |

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MCP - Massachusetts Contingency Plan  
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PFAS - Per- and Polyfluoroalkyl substances  
NS - No Standard  
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TABLE 1  
PFAS Drinking Water Summary  
Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

|                                                |                                        | X               |                 |                       | X                     |                       |                          | X                     | X                         |                       | X                  |                       |                        |                        |                        |
|------------------------------------------------|----------------------------------------|-----------------|-----------------|-----------------------|-----------------------|-----------------------|--------------------------|-----------------------|---------------------------|-----------------------|--------------------|-----------------------|------------------------|------------------------|------------------------|
| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | 4 Goodnow<br>Rd | 9 Gregory<br>Rd | 11 Gregory<br>Hill Rd | 11 Gregory<br>Hill Rd | 13 Gregory<br>Hill Rd | 13 Gregory<br>Hill Rd FB | 13 Gregory<br>Hill Rd | 13 Gregory<br>Hill Rd DUP | 14 Gregory<br>Hill Rd | 14 Gregory<br>Hill | 15 Gregory<br>Hill Rd | 15 Gregory<br>Hill INF | 15 Gregory<br>Hill MID | 15 Gregory<br>Hill EFF |
| Sample Date                                    |                                        | 4/28/20         | 2/1/20          | 1/22/20               | 5/29/20               | 1/10/20               | 1/10/20                  | 5/29/20               | 5/29/20                   | 1/9/20                | 5/29/20            | 1/13/20               | 3/11/20                | 3/11/20                | 3/11/20                |
| Lab Sample ID                                  |                                        | 20E0033-01      | 20B0052-01      | 20A1073-01            | 20F0043-01            | 20A0581-01            | 20A0581-02               | 20F0096-01            | 20F0096-02                | 20A0456-01            | 20F0098-01         | 20A0575-01            | 20C0653-01             | 20C0653-02             | 20C0653-03             |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                 |                 |                       |                       |                       |                          |                       |                           |                       |                    |                       |                        |                        |                        |
| Diesel/#2 Fuel                                 | NS                                     | -               | -               | -                     |                       | -                     | -                        |                       |                           | -                     |                    | -                     | -                      | -                      | -                      |
| <b>General Chemistry (mg/l)</b>                |                                        |                 |                 |                       |                       |                       |                          |                       |                           |                       |                    |                       |                        |                        |                        |
| Hardness (as CaCO3)                            | NS                                     | -               | -               | -                     | -                     | -                     | -                        | -                     | -                         | -                     | -                  | -                     | -                      | -                      | -                      |
| Solids (Total Dissolved)                       | NS                                     | -               | -               | -                     | -                     | -                     | -                        | -                     | -                         | -                     | -                  | -                     | -                      | -                      | -                      |
| Chloride                                       | NS                                     | -               | -               | -                     | -                     | -                     | -                        | -                     | -                         | -                     | -                  | -                     | -                      | -                      | -                      |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                 |                 |                       |                       |                       |                          |                       |                           |                       |                    |                       |                        |                        |                        |
| Arsenic                                        | NS                                     | -               | -               | -                     | -                     | -                     | -                        | -                     | -                         | -                     | -                  | -                     | -                      | -                      | -                      |
| Manganese                                      | NS                                     | -               | -               | -                     | -                     | -                     | -                        | -                     | -                         | -                     | -                  | -                     | -                      | -                      | -                      |
| Sodium                                         | NS                                     | -               | -               | -                     | -                     | -                     | -                        | -                     | -                         | -                     | -                  | -                     | -                      | -                      | -                      |
| Iron                                           | NS                                     | -               | -               | -                     | -                     | -                     | -                        | -                     | -                         | -                     | -                  | -                     | -                      | -                      | -                      |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                 |                 |                       |                       |                       |                          |                       |                           |                       |                    |                       |                        |                        |                        |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | <2.0                  | <2.0               | <2.0                  | <2.0                   | <2.0                   | <2.0                   |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | <2.0                  | <2.0               | <2.0                  | <2.0                   | <2.0                   | <2.0                   |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | <2.0                  | <2.0               | <2.0                  | <2.0                   | <2.0                   | <2.0                   |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | <2.0                  | <2.0               | <2.0                  | <2.0                   | <2.0                   | <2.0                   |
| N-EtFOSAA                                      | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | <2.0                  | <2.0               | <2.0                  | <2.0                   | <2.0                   | <2.0                   |
| N-MeFOSAA                                      | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | <2.0                  | <2.0               | <2.0                  | <2.0                   | <2.0                   | <2.0                   |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | 2.6                   | 2.9                | 2.7                   | 3.6                    | <2.0                   | <2.0                   |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | <2.0                  | <2.0               | <2.0                  | <2.0                   | <2.0                   | <2.0                   |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | <2.0                  | <2.0               | 2.9                   | <2.0                   | <2.0                   | <2.0                   |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | <2.0                  | <2.0               | <2.0                  | <2.0                   | <2.0                   | <2.0                   |
| Perfluorotridecanoic acid (PFTTrDA)            | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | <2.0                  | <2.0               | <2.0                  | <2.0                   | <2.0                   | <2.0                   |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | <2.0                  | <2.0               | <2.0                  | <2.0                   | <2.0                   | <2.0                   |
| <b>PFAS - Regulated (ng/L)</b>                 |                                        |                 |                 |                       |                       |                       |                          |                       |                           |                       |                    |                       |                        |                        |                        |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | <2.0                  | <2.0               | <2.0                  | <2.0                   | <2.0                   | <2.0                   |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | <2.0                  | <2.0               | 4.7                   | <2.0                   | <2.0                   | <2.0                   |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | 3.7                   | 5.2                | 5.2                   | 6.6                    | <2.0                   | <2.0                   |
| perfluorononanoic acid (PFNA)                  | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | <2.0                  | <2.0               | <2.0                  | <2.0                   | <2.0                   | <2.0                   |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | 2.5                   | 2.7                | 5.4                   | 5.4                    | <2.0                   | <2.0                   |
| perfluorooctanoic acid (PFOA)                  | NS                                     | <2.0            | <2.0            | <2.0                  | <2.0                  | <2.0                  | <2.0                     | <2.0                  | <2.0                      | 3.2                   | 3.4                | 5.1                   | 2.2                    | <2.0                   | <2.0                   |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | ND              | ND              | ND                    | ND                    | ND                    | ND                       | ND                    | ND                        | 9.4                   | 11.3               | 20.4                  | 14.2                   | ND                     | ND                     |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | ND              | ND              | ND                    | ND                    | ND                    | ND                       | ND                    | ND                        | 12.0                  | 14.2               | 26.0                  | 17.8                   | ND                     | ND                     |

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TABLE 1  
PFAS Drinking Water Summary  
Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

| Last Updated: 06/23/2020                       |                                        |                    |                      |                  |                   |                   |                   |                   |                   |                   |                  |                  |                  |                   |
|------------------------------------------------|----------------------------------------|--------------------|----------------------|------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|------------------|-------------------|
| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | 21 Gregory Hill Rd | 44 Gregory Hill Road | 1 Hubbardston Rd | 1 Hubbardston INF | 1 Hubbardston MID | 1 Hubbardston EFF | 1 Hubbardston INF | 1 Hubbardston MID | 1 Hubbardston EFF | 5 Hubbardston Rd | 5 Hubbardston Rd | 5 Hubbardston Rd | 5 Hubbardston Inf |
| Sample Date                                    |                                        | 2/28/20            | 2/5/20               | 1/8/20           | 3/11/20           | 3/11/20           | 3/11/20           | 5/1/20            | 5/1/20            | 5/1/20            | 12/5/19          | 12/5/19          | 12/5/19          | 2/5/20            |
| Lab Sample ID                                  |                                        | 20C0012-01         | 20B0261-01           | 20A0419-01       | 20C0654-01        | 20C0654-02        | 20C0654-03        | 20E0114-01        | 20E0114-02        | 20E0114-03        | 19L0336-01       | 19L0340-01       | 19L0336-01       | 20B0268-01        |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                    |                      |                  |                   |                   |                   |                   |                   |                   |                  |                  |                  |                   |
| Diesel/#2 Fuel                                 | NS                                     | -                  | -                    | -                | -                 | -                 | -                 | -                 | -                 | -                 | <0.21            | -                | -                | -                 |
| <b>General Chemistry (mg/l)</b>                |                                        |                    |                      |                  |                   |                   |                   |                   |                   |                   |                  |                  |                  |                   |
| Hardness (as CaCO3)                            | NS                                     | -                  | -                    | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                | -                | 350              | -                 |
| Solids (Total Dissolved)                       | NS                                     | -                  | -                    | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                | -                | 670              | -                 |
| Chloride                                       | NS                                     | -                  | -                    | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                | -                | 390              | -                 |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                    |                      |                  |                   |                   |                   |                   |                   |                   |                  |                  |                  |                   |
| Arsenic                                        | NS                                     | -                  | -                    | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                | -                | 1.3              | -                 |
| Manganese                                      | NS                                     | -                  | -                    | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                | -                | 5.7              | -                 |
| Sodium                                         | NS                                     | -                  | -                    | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                | -                | <50              | -                 |
| Iron                                           | NS                                     | -                  | -                    | -                | -                 | -                 | -                 | -                 | -                 | -                 | -                | -                | 130,000          | -                 |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                    |                      |                  |                   |                   |                   |                   |                   |                   |                  |                  |                  |                   |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | <2.0               | <2.0                 | <2.0             | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | -                | <2.0             | -                | <2.0              |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | <2.0               | <2.0                 | <2.0             | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | -                | <2.0             | -                | <2.0              |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | <2.0               | <2.0                 | <2.0             | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | -                | <2.0             | -                | <2.0              |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | <2.0               | <2.0                 | <2.0             | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | -                | <2.0             | -                | <2.0              |
| N-EtFOSAA                                      | NS                                     | <2.0               | <2.0                 | <2.0             | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | -                | <2.0             | -                | <2.0              |
| N-MeFOSAA                                      | NS                                     | <2.0               | <2.0                 | <2.0             | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | -                | <2.0             | -                | <2.0              |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | <2.0               | <2.0                 | 7.0              | 5.7               | <2.0              | <2.0              | 6.4               | <2.0              | <2.0              | -                | 8.4              | -                | 6.3               |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | <2.0               | <2.0                 | <2.0             | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | -                | <2.0             | -                | <2.0              |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | <2.0               | <2.0                 | <2.0             | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | -                | <2.0             | -                | <2.0              |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | <2.0               | <2.0                 | <2.0             | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | -                | <2.0             | -                | <2.0              |
| Perfluorotridecanoic acid (PFTTrDA)            | NS                                     | <2.0               | <2.0                 | <2.0             | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | -                | <2.0             | -                | <2.0              |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | <2.0               | <2.0                 | <2.0             | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | -                | <2.0             | -                | <2.0              |
| <b>PFAS - Regulated (ng/L)</b>                 |                                        |                    |                      |                  |                   |                   |                   |                   |                   |                   |                  |                  |                  |                   |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | <2.0               | <2.0                 | <2.0             | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | -                | <2.0             | -                | <2.0              |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | <2.0               | <2.0                 | <2.0             | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | -                | <2.0             | -                | <2.0              |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | <2.0               | <2.0                 | 22               | 19                | <2.0              | <2.0              | 21                | <2.0              | <2.0              | -                | 29               | -                | 25                |
| perfluorononanoic acid (PFNA)                  | NS                                     | <2.0               | <2.0                 | <2.0             | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | <2.0              | -                | <2.0             | -                | <2.0              |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | <2.0               | <2.0                 | 6.1              | 5.6               | <2.0              | <2.0              | 5.7               | <2.0              | <2.0              | -                | 7.3              | -                | 6.9               |
| perfluorooctanoic acid (PFOA)                  | NS                                     | <2.0               | <2.0                 | 3.4              | 3                 | <2.0              | <2.0              | 3.1               | <2.0              | <2.0              | -                | 2.9              | -                | 2.5               |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | ND                 | ND                   | 32               | 28                | ND                | ND                | 30                | ND                | ND                | -                | 39               | -                | 34                |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | ND                 | ND                   | 39               | 31                | ND                | ND                | 36                | ND                | ND                | -                | 48               | -                | 41                |

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ug/l - micrograms per liter  
ng/l - nanograms per liter  
MCP - Massachusetts Contingency Plan  
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PFAS - Per- and Polyfluoroalkyl substances  
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Bold and boxed values indicate exceedances of criteria



TABLE 1  
PFAS Drinking Water Summary  
Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | 5                  | 5                  | 5                     | 5                     | 5                     | X                  | X                  | X                  | 7                 | 7                 | 15                | 15                | 15                 |
|------------------------------------------------|----------------------------------------|--------------------|--------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
|                                                |                                        | Hubbardston<br>Mid | Hubbardston<br>Eff | Hubbardston<br>Rd INF | Hubbardston<br>Rd MID | Hubbardston<br>Rd EFF | Hubbardston<br>Inf | Hubbardston<br>Mid | Hubbardston<br>Eff | Hubbardston<br>Rd | Hubbardston<br>Rd | Hubbardston<br>Rd | Hubbardston<br>Rd | Hubbardston<br>INF |
| Sample Date                                    |                                        | 2/5/20             | 2/5/20             | 3/5/20                | 3/5/20                | 3/5/20                | 5/1/20             | 5/1/20             | 5/1/20             | 12/5/19           | 12/5/19           | 12/5/19           | 1/17/20           | 2/26/20            |
| Lab Sample ID                                  |                                        | 20B0268-02         | 20B0268-03         | 20C0330               | 20C0330               | 20C0330               | 20E0111-01         | 20E0111-02         | 20E0111-03         | 19L0336-02        | 19L0341-01        | 19L0334-01        | 20A0984-01        | 20B1182-01         |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                    |                    |                       |                       |                       |                    |                    |                    |                   |                   |                   |                   |                    |
| Diesel/#2 Fuel                                 | NS                                     | -                  | -                  | -                     | -                     | -                     | -                  | -                  | -                  | <0.21             | -                 | -                 | -                 | -                  |
| <b>General Chemistry (mg/l)</b>                |                                        |                    |                    |                       |                       |                       |                    |                    |                    |                   |                   |                   |                   |                    |
| Hardness (as CaCO3)                            | NS                                     | -                  | -                  | -                     | -                     | -                     | -                  | -                  | -                  | -                 | -                 | -                 | 400               | -                  |
| Solids (Total Dissolved)                       | NS                                     | -                  | -                  | -                     | -                     | -                     | -                  | -                  | -                  | -                 | -                 | -                 | 910               | -                  |
| Chloride                                       | NS                                     | -                  | -                  | -                     | -                     | -                     | -                  | -                  | -                  | -                 | -                 | -                 | 430               | -                  |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                    |                    |                       |                       |                       |                    |                    |                    |                   |                   |                   |                   |                    |
| Arsenic                                        | NS                                     | -                  | -                  | -                     | -                     | -                     | -                  | -                  | -                  | -                 | -                 | -                 | <0.80             | -                  |
| Manganese                                      | NS                                     | -                  | -                  | -                     | -                     | -                     | -                  | -                  | -                  | -                 | -                 | -                 | 17                | -                  |
| Sodium                                         | NS                                     | -                  | -                  | -                     | -                     | -                     | -                  | -                  | -                  | -                 | -                 | -                 | 160,000           | -                  |
| Iron                                           | NS                                     | -                  | -                  | -                     | -                     | -                     | -                  | -                  | -                  | -                 | -                 | -                 | <50               | -                  |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                    |                    |                       |                       |                       |                    |                    |                    |                   |                   |                   |                   |                    |
| 11Cl-PF3OUdS (F53B Major)                      | NS                                     | <2.0               | <2.0               | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | -                 | <2.0              | <2.0              | -                 | <2.0               |
| 9Cl-PF3ONS (F53B Minor)                        | NS                                     | <2.0               | <2.0               | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | -                 | <2.0              | <2.0              | -                 | <2.0               |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | <2.0               | <2.0               | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | -                 | <2.0              | <2.0              | -                 | <2.0               |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | <2.0               | <2.0               | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | -                 | <2.0              | <2.0              | -                 | <2.0               |
| N-EtFOSAA                                      | NS                                     | <2.0               | <2.0               | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | -                 | <2.0              | <2.0              | -                 | <2.0               |
| N-MeFOSAA                                      | NS                                     | <2.0               | <2.0               | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | -                 | <2.0              | <2.0              | -                 | <2.0               |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | <2.0               | <2.0               | <b>4.3</b>            | <2.0                  | <2.0                  | <b>4.6</b>         | <2.0               | <2.0               | -                 | <b>2.3</b>        | <b>27</b>         | -                 | <b>17</b>          |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | <2.0               | <2.0               | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | -                 | <2.0              | <2.0              | -                 | <2.0               |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | <2.0               | <2.0               | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | -                 | <2.0              | <2.0              | -                 | <2.0               |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | <2.0               | <2.0               | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | -                 | <2.0              | <2.0              | -                 | <2.0               |
| Perfluorotridecanoic acid (PFTTrDA)            | NS                                     | <2.0               | <2.0               | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | -                 | <2.0              | <2.0              | -                 | <2.0               |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | <2.0               | <2.0               | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | -                 | <2.0              | <2.0              | -                 | <2.0               |
| <b>PFAS - Regulated (ng/L)</b>                 |                                        |                    |                    |                       |                       |                       |                    |                    |                    |                   |                   |                   |                   |                    |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | <2.0               | <2.0               | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | -                 | <2.0              | <2.0              | -                 | <2.0               |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | <2.0               | <2.0               | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | -                 | <2.0              | <2.0              | -                 | <2.0               |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | <2.0               | <2.0               | <b>11</b>             | <2.0                  | <2.0                  | <b>15</b>          | <2.0               | <2.0               | -                 | <b>3.5</b>        | <b>110</b>        | -                 | <b>73</b>          |
| perfluorononanoic acid (PFNA)                  | NS                                     | <2.0               | <2.0               | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | -                 | <2.0              | <2.0              | -                 | <2.0               |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | <2.0               | <2.0               | <b>4.9</b>            | <2.0                  | <2.0                  | <b>4.8</b>         | <2.0               | <2.0               | -                 | <b>3.3</b>        | <b>18</b>         | -                 | <b>14</b>          |
| perfluorooctanoic acid (PFOA)                  | NS                                     | <2.0               | <2.0               | <b>2.7</b>            | <2.0                  | <2.0                  | <b>2.9</b>         | <2.0               | <2.0               | -                 | <b>2.9</b>        | <b>4.6</b>        | -                 | <b>3.5</b>         |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | ND                 | ND                 | 19                    | ND                    | ND                    | <b>23</b>          | ND                 | ND                 | -                 | 9.7               | <b>133</b>        | -                 | <b>91</b>          |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | ND                 | ND                 | 23                    | ND                    | ND                    | 27                 | ND                 | ND                 | -                 | 12                | 160               | -                 | 108                |

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Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | X                        | X                        | X                        | X                        | X                        | X                       | X                           | X                           | X                           | X                           | X                       | X                       |
|------------------------------------------------|----------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------------------|-------------------------|
|                                                |                                        | 15<br>Hubbardston<br>MID | 15<br>Hubbardston<br>EFF | 15<br>Hubbardston<br>INF | 15<br>Hubbardston<br>MID | 15<br>Hubbardston<br>EFF | 19<br>Hubbardston<br>Rd | 19<br>Hubbardston<br>Rd EFF | 19<br>Hubbardston<br>Rd INF | 19<br>Hubbardston<br>Rd Mid | 19<br>Hubbardston<br>Rd EFF | 23<br>Hubbardston<br>Rd | 23<br>Hubbardston<br>Rd |
| Sample Date                                    |                                        | 2/26/20                  | 2/26/20                  | 5/1/20                   | 5/1/20                   | 5/1/20                   | 12/5/19                 | 2/26/20                     | 6/5/20                      | 6/5/20                      | 6/5/20                      | 1/10/20                 | 1/27/20                 |
| Lab Sample ID                                  |                                        | 20B1182-02               | 20B1182-03               | 20E0110-01               | 20E0110-02               | 20E0110-03               | 19L0339-01              | 20B1183-01                  | 20F0346-01                  | 20F0346-02                  | 20F0346-03                  | 20A0578-01              | 20A1148-01              |
| Hydrocarbon (mg/l)                             |                                        |                          |                          |                          |                          |                          |                         |                             |                             |                             |                             |                         |                         |
| Diesel/#2 Fuel                                 | NS                                     | -                        | -                        | -                        | -                        | -                        | -                       | -                           | -                           | -                           | -                           | -                       | -                       |
| General Chemistry (mg/l)                       |                                        |                          |                          |                          |                          |                          |                         |                             |                             |                             |                             |                         |                         |
| Hardness (as CaCO3)                            | NS                                     | -                        | -                        | -                        | -                        | -                        | -                       | -                           | -                           | -                           | -                           | -                       | -                       |
| Solids (Total Dissolved)                       | NS                                     | -                        | -                        | -                        | -                        | -                        | -                       | -                           | -                           | -                           | -                           | -                       | -                       |
| Chloride                                       | NS                                     | -                        | -                        | -                        | -                        | -                        | -                       | -                           | -                           | -                           | -                           | -                       | -                       |
| Metals 6010 (ug/l)                             |                                        |                          |                          |                          |                          |                          |                         |                             |                             |                             |                             |                         |                         |
| Arsenic                                        | NS                                     | -                        | -                        | -                        | -                        | -                        | -                       | -                           | -                           | -                           | -                           | -                       | -                       |
| Manganese                                      | NS                                     | -                        | -                        | -                        | -                        | -                        | -                       | -                           | -                           | -                           | -                           | -                       | -                       |
| Sodium                                         | NS                                     | -                        | -                        | -                        | -                        | -                        | -                       | -                           | -                           | -                           | -                           | -                       | -                       |
| Iron                                           | NS                                     | -                        | -                        | -                        | -                        | -                        | -                       | -                           | -                           | -                           | -                           | -                       | -                       |
| PFAS - Unregulated (ng/L)                      |                                        |                          |                          |                          |                          |                          |                         |                             |                             |                             |                             |                         |                         |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                    | <2.0                        | <2.0                        | <2.0                        | <2.0                        | <2.0                    | <2.0                    |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                    | <2.0                        | <2.0                        | <2.0                        | <2.0                        | <2.0                    | <2.0                    |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                    | <2.0                        | <2.0                        | <2.0                        | <2.0                        | <2.0                    | <2.0                    |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                    | <2.0                        | <2.0                        | <2.0                        | <2.0                        | <2.0                    | <2.0                    |
| N-EtFOSAA                                      | NS                                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                    | <2.0                        | <2.0                        | <2.0                        | <2.0                        | <2.0                    | <2.0                    |
| N-MeFOSAA                                      | NS                                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                    | <2.0                        | <2.0                        | <2.0                        | <2.0                        | <2.0                    | <2.0                    |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | <2.0                     | <2.0                     | 21                       | <2.0                     | <2.0                     | 2.9                     | <2.0                        | <2.0                        | <2.0                        | <2.0                        | <2.0                    | <2.0                    |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                    | <2.0                        | <2.0                        | <2.0                        | <2.0                        | <2.0                    | <2.0                    |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                    | <2.0                        | <2.0                        | <2.0                        | <2.0                        | <2.0                    | <2.0                    |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                    | <2.0                        | <2.0                        | <2.0                        | <2.0                        | <2.0                    | <2.0                    |
| Perfluorotridecanoic acid (PFTTrDA)            | NS                                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                    | <2.0                        | <2.0                        | <2.0                        | <2.0                        | <2.0                    | <2.0                    |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                    | <2.0                        | <2.0                        | <2.0                        | <2.0                        | <2.0                    | <2.0                    |
| PFAS - Regulated (ng/L)                        |                                        |                          |                          |                          |                          |                          |                         |                             |                             |                             |                             |                         |                         |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                    | <2.0                        | <2.0                        | <2.0                        | <2.0                        | <2.0                    | <2.0                    |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                    | <2.0                        | <2.0                        | <2.0                        | <2.0                        | <2.0                    | <2.0                    |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | <2.0                     | <2.0                     | 95                       | <2.0                     | <2.0                     | 9.7                     | <2.0                        | 5.8                         | <2.0                        | <2.0                        | <2.0                    | <2.0                    |
| perfluorononanoic acid (PFNA)                  | NS                                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                     | <2.0                    | <2.0                        | <2.0                        | <2.0                        | <2.0                        | <2.0                    | <2.0                    |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | <2.0                     | <2.0                     | 21                       | <2.0                     | <2.0                     | <2.0                    | <2.0                        | <2.0                        | <2.0                        | <2.0                        | 4.1                     | 3.7                     |
| perfluorooctanoic acid (PFOA)                  | NS                                     | <2.0                     | <2.0                     | 4.2                      | <2.0                     | <2.0                     | <2.0                    | <2.0                        | <2.0                        | <2.0                        | <2.0                        | 4.9                     | 5.0                     |
| Total Regulated PFAS (ng/L)                    | 20                                     | ND                       | ND                       | 120                      | ND                       | ND                       | 9.7                     | ND                          | 5.8                         | ND                          | ND                          | 9.0                     | 8.7                     |
| Total PFAS (ng/L)                              | NS                                     | ND                       | ND                       | 141                      | ND                       | ND                       | 12.6                    | ND                          | 5.8                         | ND                          | ND                          | 9.0                     | 8.7                     |

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Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

| Last Updated: 06/23/2020                       |                                        | X                       |                         |                         |                         | X                       |                          | X                        |                          | X                       |                         | X                       |                         |
|------------------------------------------------|----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | 23<br>Hubbardston<br>Rd | 33<br>Hubbardston<br>Rd | 36<br>Hubbardston<br>Rd | 42<br>Hubbardston<br>Rd | 43<br>Hubbardston<br>Rd | 43<br>Hubbardston<br>INF | 43<br>Hubbardston<br>MID | 43<br>Hubbardston<br>EFF | 44<br>Hubbardston<br>Rd | 46<br>Hubbardston<br>Rd | 48<br>Hubbardston<br>Rd | 52<br>Hubbardston<br>Rd |
| Sample Date                                    |                                        | 5/29/20                 | 2/5/20                  | 2/6/20                  | 2/10/20                 | 12/12/19                | 5/8/20                   | 5/8/20                   | 5/8/20                   | 2/10/20                 | 2/12/20                 | 2/12/20                 | 2/12/20                 |
| Lab Sample ID                                  |                                        | 20F0097-01              | 20B0262-01              | 20B0267-01              | 20B0677-01              | 19L0660-01              | 20E0570-01               | 20E0570-02               | 20E0570-03               | 20B0679-01              | 20B0673-01              | 20B0676-01              | 20B0671-01              |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                         |                         |                         |                         |                         |                          |                          |                          |                         |                         |                         |                         |
| Diesel/#2 Fuel                                 | NS                                     | -                       | -                       | -                       | -                       | -                       | -                        | -                        | -                        | -                       | -                       | -                       | -                       |
| <b>General Chemistry (mg/l)</b>                |                                        |                         |                         |                         |                         |                         |                          |                          |                          |                         |                         |                         |                         |
| Hardness (as CaCO3)                            | NS                                     | -                       | -                       | -                       | -                       | -                       | -                        | -                        | -                        | -                       | -                       | -                       | -                       |
| Solids (Total Dissolved)                       | NS                                     | -                       | -                       | -                       | -                       | -                       | -                        | -                        | -                        | -                       | -                       | -                       | -                       |
| Chloride                                       | NS                                     | -                       | -                       | -                       | -                       | -                       | -                        | -                        | -                        | -                       | -                       | -                       | -                       |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                         |                         |                         |                         |                         |                          |                          |                          |                         |                         |                         |                         |
| Arsenic                                        | NS                                     | -                       | -                       | -                       | -                       | -                       | -                        | -                        | -                        | -                       | -                       | -                       | -                       |
| Manganese                                      | NS                                     | -                       | -                       | -                       | -                       | -                       | -                        | -                        | -                        | -                       | -                       | -                       | -                       |
| Sodium                                         | NS                                     | -                       | -                       | -                       | -                       | -                       | -                        | -                        | -                        | -                       | -                       | -                       | -                       |
| Iron                                           | NS                                     | -                       | -                       | -                       | -                       | -                       | -                        | -                        | -                        | -                       | -                       | -                       | -                       |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                         |                         |                         |                         |                         |                          |                          |                          |                         |                         |                         |                         |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | <2.0                    | <2.0                    | <2.0                    | <4.0                    | <2.0                    | <2.0                     | <2.0                     | <4.0                     | <4.0                    | <4.0                    | <2.0                    | <2.0                    |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | <2.0                    | <2.0                    | <2.0                    | <4.0                    | <2.0                    | <2.0                     | <2.0                     | <4.0                     | <4.0                    | <4.0                    | <2.0                    | <2.0                    |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | <2.0                    | <2.0                    | <2.0                    | <4.0                    | <2.0                    | <2.0                     | <2.0                     | <4.0                     | <4.0                    | <4.0                    | <2.0                    | <2.0                    |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | <2.0                    | <2.0                    | <2.0                    | <4.0                    | <2.0                    | <2.0                     | <2.0                     | <4.0                     | <4.0                    | <4.0                    | <2.0                    | <2.0                    |
| N-EtFOSAA                                      | NS                                     | <2.0                    | <2.0                    | <2.0                    | <4.0                    | <2.0                    | <2.0                     | <2.0                     | <4.0                     | <4.0                    | <4.0                    | <2.0                    | <2.0                    |
| N-MeFOSAA                                      | NS                                     | <2.0                    | <2.0                    | <2.0                    | <4.0                    | <2.0                    | <2.0                     | <2.0                     | <4.0                     | <4.0                    | <4.0                    | <2.0                    | <2.0                    |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | <2.0                    | <2.0                    | <2.0                    | <4.0                    | <2.0                    | <2.0                     | <2.0                     | <4.0                     | <4.0                    | <4.0                    | <2.0                    | <2.0                    |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | <2.0                    | <2.0                    | <2.0                    | <4.0                    | <2.0                    | <2.0                     | <2.0                     | <4.0                     | <4.0                    | <4.0                    | <2.0                    | <2.0                    |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | <2.0                    | <2.0                    | <2.0                    | <4.0                    | 3.5                     | 3.1                      | <2.0                     | <4.0                     | <4.0                    | <4.0                    | <2.0                    | <2.0                    |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | <2.0                    | <2.0                    | <2.0                    | <4.0                    | <2.0                    | <2.0                     | <2.0                     | <4.0                     | <4.0                    | <4.0                    | <2.0                    | <2.0                    |
| Perfluorotridecanoic acid (PFTTrDA)            | NS                                     | <2.0                    | <2.0                    | <2.0                    | <4.0                    | <2.0                    | <2.0                     | <2.0                     | <4.0                     | <4.0                    | <4.0                    | <2.0                    | <2.0                    |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | <2.0                    | <2.0                    | <2.0                    | <4.0                    | <2.0                    | <2.0                     | <2.0                     | <4.0                     | <4.0                    | <4.0                    | <2.0                    | <2.0                    |
| <b>PFAS - Regulated (ng/L)</b>                 |                                        |                         |                         |                         |                         |                         |                          |                          |                          |                         |                         |                         |                         |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | <2.0                    | <2.0                    | <2.0                    | <4.0                    | <2.0                    | <2.0                     | <2.0                     | <4.0                     | <4.0                    | <4.0                    | <2.0                    | <2.0                    |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | <2.0                    | <2.0                    | <2.0                    | <4.0                    | 4.4                     | 4.4                      | <2.0                     | <4.0                     | <4.0                    | <4.0                    | <2.0                    | <2.0                    |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | <2.0                    | <2.0                    | <2.0                    | <4.0                    | <2.0                    | <2.0                     | <2.0                     | <4.0                     | <4.0                    | <4.0                    | <2.0                    | <2.0                    |
| perfluorononanoic acid (PFNA)                  | NS                                     | <2.0                    | <2.0                    | <2.0                    | <4.0                    | <2.0                    | <2.0                     | <2.0                     | <4.0                     | <4.0                    | <4.0                    | <2.0                    | <2.0                    |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | 3.3                     | 2.5                     | <2.0                    | <4.0                    | 10                      | 10                       | <2.0                     | <4.0                     | <4.0                    | 6.0                     | <2.0                    | <2.0                    |
| perfluorooctanoic acid (PFOA)                  | NS                                     | 4.1                     | <2.0                    | <2.0                    | <4.0                    | 15                      | 15                       | <2.0                     | <4.0                     | <4.0                    | 6.2                     | <2.0                    | <2.0                    |
| <b>Total Regulated PFAS (ng/L)</b>             |                                        |                         |                         |                         |                         |                         |                          |                          |                          |                         |                         |                         |                         |
| 20                                             | 20                                     | 7.4                     | 2.5                     | ND                      | ND                      | 29                      | 29                       | ND                       | ND                       | ND                      | 12.2                    | ND                      | ND                      |
| <b>Total PFAS (ng/L)</b>                       |                                        |                         |                         |                         |                         |                         |                          |                          |                          |                         |                         |                         |                         |
| NS                                             | NS                                     | 7.4                     | 2.5                     | ND                      | ND                      | 33                      | 32                       | ND                       | ND                       | ND                      | 12.2                    | ND                      | ND                      |

mg/l - milligrams per liter  
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TABLE 1  
PFAS Drinking Water Summary  
Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | X                       | X                       | X            | X             | X                | X           |               |                   |                  |                  |                  |                   |                   |
|------------------------------------------------|----------------------------------------|-------------------------|-------------------------|--------------|---------------|------------------|-------------|---------------|-------------------|------------------|------------------|------------------|-------------------|-------------------|
|                                                |                                        | 73<br>Hubbardston<br>Rd | 81<br>Hubbardstan<br>Rd | 57 Meriam Rd | 59 Merrian Rd | 70 Merriam<br>Rd | TB-04282020 | 85 Merrian Rd | 105 Merriam<br>Rd | 2 Mountain<br>Rd | 6 Mountain<br>Rd | 6 Mountain<br>Rd | 6 Mountain<br>Inf | 6 Mountain<br>Mid |
| Sample Date                                    |                                        | 6/11/20                 | 4/28/20                 | 4/28/20      | 4/28/20       | 4/28/20          | 4/28/20     | 2/26/20       | 2/28/20           | 1/7/20           | 12/5/19          | 12/5/19          | 2/5/20            | 2/5/20            |
| Lab Sample ID                                  |                                        | 20F0739-01              | 20E0022-01              | 20E0023-01   | 20E0025-01    | 20E0027-01       | 20E0028-03  | 20B1180-01    | 20C0013-01        | 20A0415-01       | 19L0332-01       | 19L0332-01       | 20B0269-01        | 20B0269-02        |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                         |                         |              |               |                  |             |               |                   |                  |                  |                  |                   |                   |
| Diesel/#2 Fuel                                 | NS                                     | -                       | -                       | -            | -             | -                | -           | -             | -                 | -                | -                | -                | -                 | -                 |
| <b>General Chemistry (mg/l)</b>                |                                        |                         |                         |              |               |                  |             |               |                   |                  |                  |                  |                   |                   |
| Hardness (as CaCO3)                            | NS                                     | -                       | -                       | -            | -             | -                | -           | -             | -                 | -                | -                | 370              | -                 | -                 |
| Solids (Total Dissolved)                       | NS                                     | -                       | -                       | -            | -             | -                | -           | -             | -                 | -                | -                | 510              | -                 | -                 |
| Chloride                                       | NS                                     | -                       | -                       | -            | -             | -                | -           | -             | -                 | -                | -                | 280              | -                 | -                 |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                         |                         |              |               |                  |             |               |                   |                  |                  |                  |                   |                   |
| Arsenic                                        | NS                                     | -                       | -                       | -            | -             | -                | -           | -             | -                 | -                | -                | 1.4              | -                 | -                 |
| Manganese                                      | NS                                     | -                       | -                       | -            | -             | -                | -           | -             | -                 | -                | -                | 4.8              | -                 | -                 |
| Sodium                                         | NS                                     | -                       | -                       | -            | -             | -                | -           | -             | -                 | -                | -                | <50              | -                 | -                 |
| Iron                                           | NS                                     | -                       | -                       | -            | -             | -                | -           | -             | -                 | -                | -                | 60,000           | -                 | -                 |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                         |                         |              |               |                  |             |               |                   |                  |                  |                  |                   |                   |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | <2.0                    | <2.0                    | <2.0         | <2.0          | <2.0             | <2.0        | <2.0          | <2.0              | <2.0             | <2.0             | -                | <2.0              | <2.0              |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | <2.0                    | <2.0                    | <2.0         | <2.0          | <2.0             | <2.0        | <2.0          | <2.0              | <2.0             | <2.0             | -                | <2.0              | <2.0              |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | <2.0                    | <2.0                    | <2.0         | <2.0          | <2.0             | <2.0        | <2.0          | <2.0              | <2.0             | <2.0             | -                | <2.0              | <2.0              |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | <2.0                    | <2.0                    | <2.0         | <2.0          | <2.0             | <2.0        | <2.0          | <2.0              | <2.0             | <2.0             | -                | <2.0              | <2.0              |
| N-EtFOSAA                                      | NS                                     | <2.0                    | <2.0                    | <2.0         | <2.0          | <2.0             | <2.0        | <2.0          | <2.0              | <2.0             | <2.0             | -                | <2.0              | <2.0              |
| N-MeFOSAA                                      | NS                                     | <2.0                    | <2.0                    | <2.0         | <2.0          | <2.0             | <2.0        | <2.0          | <2.0              | <2.0             | <2.0             | -                | <2.0              | <2.0              |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | <2.0                    | <2.0                    | <2.0         | <2.0          | <2.0             | <2.0        | <2.0          | <2.0              | <2.0             | 8.4              | -                | 3.7               | <2.0              |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | <2.0                    | <2.0                    | <2.0         | <2.0          | <2.0             | <2.0        | <2.0          | <2.0              | <2.0             | <2.0             | -                | <2.0              | <2.0              |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | <2.0                    | <2.0                    | <2.0         | <2.0          | <2.0             | <2.0        | <2.0          | <2.0              | <2.0             | <2.0             | -                | <2.0              | <2.0              |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | <2.0                    | <2.0                    | <2.0         | <2.0          | <2.0             | <2.0        | <2.0          | <2.0              | <2.0             | <2.0             | -                | <2.0              | <2.0              |
| Perfluorotridecanoic acid (PFTTrDA)            | NS                                     | <2.0                    | <2.0                    | <2.0         | <2.0          | <2.0             | <2.0        | <2.0          | <2.0              | <2.0             | <2.0             | -                | <2.0              | <2.0              |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | <2.0                    | <2.0                    | <2.0         | <2.0          | <2.0             | <2.0        | <2.0          | <2.0              | <2.0             | <2.0             | -                | <2.0              | <2.0              |
| <b>PFAS - Regulated (ng/L)</b>                 |                                        |                         |                         |              |               |                  |             |               |                   |                  |                  |                  |                   |                   |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | <2.0                    | <2.0                    | <2.0         | <2.0          | <2.0             | <2.0        | <2.0          | <2.0              | <2.0             | <2.0             | -                | <2.0              | <2.0              |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | <2.0                    | <2.0                    | <2.0         | <2.0          | <2.0             | <2.0        | <2.0          | <2.0              | <2.0             | <2.0             | -                | <2.0              | <2.0              |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | <2.0                    | <2.0                    | <2.0         | <2.0          | <2.0             | <2.0        | <2.0          | <2.0              | <2.0             | 23               | -                | 12                | <2.0              |
| perfluorononanoic acid (PFNA)                  | NS                                     | <2.0                    | <2.0                    | <2.0         | <2.0          | <2.0             | <2.0        | <2.0          | <2.0              | <2.0             | <2.0             | -                | <2.0              | <2.0              |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | <2.0                    | <2.0                    | 4.3          | <2.0          | <2.0             | <2.0        | 2.7           | <2.0              | <2.0             | 4.7              | -                | 4.1               | <2.0              |
| perfluorooctanoic acid (PFOA)                  | NS                                     | <2.0                    | <2.0                    | 2.5          | <2.0          | <2.0             | <2.0        | 4.1           | <2.0              | <2.0             | 2.4              | -                | 2.1               | <2.0              |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | ND                      | ND                      | 6.8          | ND            | ND               | ND          | 6.8           | ND                | ND               | 30               | -                | 18                | ND                |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | ND                      | ND                      | 6.8          | ND            | ND               | ND          | 6.8           | ND                | ND               | 39               | -                | 22                | ND                |

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Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

| Last Updated: 06/23/2020                       |               | X              |                  |                   | X                 |                   |                | X              |                |                | X              |                |                |                |                |  |
|------------------------------------------------|---------------|----------------|------------------|-------------------|-------------------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|--|
| Sample ID                                      | MassDEP MCP   | 6 Mountain Eff | 6 Mountain Rd FB | 6 Mountain Rd INF | 6 Mountain Rd MID | 6 Mountain Rd EFF | 6 Mountain Inf | 6 Mountain Mid | 6 Mountain Eff | 10 Mountain Rd | 10 Mountain Rd | 10 Mountain Rd | 14 Mountain Rd | 14 Mountain Rd | 14 Mountain Rd |  |
| Sample Date                                    | GW-1 &        | 2/5/20         | 12/5/19          | 3/5/20            | 3/5/20            | 3/5/20            | 5/8/20         | 5/8/20         | 5/8/20         | 12/5/19        | 12/5/19        | 6/11/20        | 1/9/20         | 1/9/20         | 1/22/20        |  |
| Lab Sample ID                                  | Proposed MMCL | 20B0269-03     | 19L0332-02       | 20C0331           | 20C0331           | 20C0331           | 20E0569-01     | 20E0569-02     | 20E0569-03     | 19L0333-01     | 19L0336-03     | 20F0740-01     | 20A0410-01     | 20A0413-01     | 20A1071-01     |  |
| <b>Hydrocarbon (mg/l)</b>                      |               |                |                  |                   |                   |                   |                |                |                |                |                |                |                |                |                |  |
| Diesel/#2 Fuel                                 | NS            | -              | -                | -                 | -                 | -                 | -              | -              | -              | -              | <0.21          | -              | <0.20          | -              | -              |  |
| <b>General Chemistry (mg/l)</b>                |               |                |                  |                   |                   |                   |                |                |                |                |                |                |                |                |                |  |
| Hardness (as CaCO3)                            | NS            | -              | -                | -                 | -                 | -                 | -              | -              | -              | -              | -              | -              | -              | -              | -              |  |
| Solids (Total Dissolved)                       | NS            | -              | -                | -                 | -                 | -                 | -              | -              | -              | -              | -              | -              | -              | -              | -              |  |
| Chloride                                       | NS            | -              | -                | -                 | -                 | -                 | -              | -              | -              | -              | -              | -              | -              | -              | -              |  |
| <b>Metals 6010 (ug/l)</b>                      |               |                |                  |                   |                   |                   |                |                |                |                |                |                |                |                |                |  |
| Arsenic                                        | NS            | -              | -                | -                 | -                 | -                 | -              | -              | -              | -              | -              | -              | -              | -              | -              |  |
| Manganese                                      | NS            | -              | -                | -                 | -                 | -                 | -              | -              | -              | -              | -              | -              | -              | -              | -              |  |
| Sodium                                         | NS            | -              | -                | -                 | -                 | -                 | -              | -              | -              | -              | -              | -              | -              | -              | -              |  |
| Iron                                           | NS            | -              | -                | -                 | -                 | -                 | -              | -              | -              | -              | -              | -              | -              | -              | -              |  |
| <b>PFAS - Unregulated (ng/L)</b>               |               |                |                  |                   |                   |                   |                |                |                |                |                |                |                |                |                |  |
| 11CI-PF3OUdS (F53B Major)                      | NS            | <2.0           | <2.0             | <2.0              | <2.0              | <2.0              | <2.0           | <2.0           | <2.0           | <2.0           | -              | <2.0           | -              | <2.0           | <2.0           |  |
| 9CI-PF3ONS (F53B Minor)                        | NS            | <2.0           | <2.0             | <2.0              | <2.0              | <2.0              | <2.0           | <2.0           | <2.0           | <2.0           | -              | <2.0           | -              | <2.0           | <2.0           |  |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS            | <2.0           | <2.0             | <2.0              | <2.0              | <2.0              | <2.0           | <2.0           | <2.0           | <2.0           | -              | <2.0           | -              | <2.0           | <2.0           |  |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS            | <2.0           | <2.0             | <2.0              | <2.0              | <2.0              | <2.0           | <2.0           | <2.0           | <2.0           | -              | <2.0           | -              | <2.0           | <2.0           |  |
| N-EtFOSAA                                      | NS            | <2.0           | <2.0             | <2.0              | <2.0              | <2.0              | <2.0           | <2.0           | <2.0           | <2.0           | -              | <2.0           | -              | <2.0           | <2.0           |  |
| N-MeFOSAA                                      | NS            | <2.0           | <2.0             | <2.0              | <2.0              | <2.0              | <2.0           | <2.0           | <2.0           | <2.0           | -              | <2.0           | -              | <2.0           | <2.0           |  |
| perfluorobutanesulfonic acid (PFBS)            | NS            | <2.0           | <2.0             | 5.8               | <2.0              | <2.0              | 4.3            | <2.0           | <2.0           | <2.0           | -              | 2.5            | -              | 7.4            | 8.7            |  |
| Perfluorododecanoic acid (PFDoA)               | NS            | <2.0           | <2.0             | <2.0              | <2.0              | <2.0              | <2.0           | <2.0           | <2.0           | <2.0           | -              | <2.0           | -              | <2.0           | <2.0           |  |
| Perfluorohexanoic acid (PFHxA)                 | NS            | <2.0           | <2.0             | <2.0              | <2.0              | <2.0              | <2.0           | <2.0           | <2.0           | <2.0           | -              | <2.0           | -              | <2.0           | <2.0           |  |
| Perfluorotetradecanoic acid (PFTA)             | NS            | <2.0           | <2.0             | <2.0              | <2.0              | <2.0              | <2.0           | <2.0           | <2.0           | <2.0           | -              | <2.0           | -              | <2.0           | <2.0           |  |
| Perfluorotridecanoic acid (PFTTrDA)            | NS            | <2.0           | <2.0             | <2.0              | <2.0              | <2.0              | <2.0           | <2.0           | <2.0           | <2.0           | -              | <2.0           | -              | <2.0           | <2.0           |  |
| Perfluoroundecanoic acid (PFUnA)               | NS            | <2.0           | <2.0             | <2.0              | <2.0              | <2.0              | <2.0           | <2.0           | <2.0           | <2.0           | -              | <2.0           | -              | <2.0           | <2.0           |  |
| <b>PFAS - Regulated (ng/L)</b>                 |               |                |                  |                   |                   |                   |                |                |                |                |                |                |                |                |                |  |
| Perfluorodecanoic acid (PFDA)                  | NS            | <2.0           | <2.0             | <2.0              | <2.0              | <2.0              | <2.0           | <2.0           | <2.0           | <2.0           | -              | <2.0           | -              | <2.0           | <2.0           |  |
| perfluoroheptanoic acid (PFHpA)                | NS            | <2.0           | <2.0             | <2.0              | <2.0              | <2.0              | <2.0           | <2.0           | <2.0           | <2.0           | -              | <2.0           | -              | <2.0           | <2.0           |  |
| perfluorohexanesulfonic acid (PFHxS)           | NS            | <2.0           | <2.0             | 17                | <2.0              | <2.0              | 14             | <2.0           | <2.0           | <2.0           | -              | 4.5            | -              | 30             | 35             |  |
| perfluorononanoic acid (PFNA)                  | NS            | <2.0           | <2.0             | <2.0              | <2.0              | <2.0              | <2.0           | <2.0           | <2.0           | <2.0           | -              | <2.0           | -              | <2.0           | <2.0           |  |
| perfluorooctanesulfonic acid (PFOS)            | NS            | <2.0           | <2.0             | 5                 | <2.0              | <2.0              | 4              | <2.0           | <2.0           | 2.0            | -              | 3              | -              | 6.1            | 7.8            |  |
| perfluorooctanoic acid (PFOA)                  | NS            | <2.0           | <2.0             | 2.5               | <2.0              | <2.0              | 2.5            | <2.0           | <2.0           | <2.0           | -              | 3.4            | -              | 2.6            | 2.3            |  |
| <b>Total Regulated PFAS (ng/L)</b>             | 20            | ND             | ND               | 25                | ND                | ND                | 20             | ND             | ND             | 2.0            | -              | 10.9           | -              | 39             | 45             |  |
| <b>Total PFAS (ng/L)</b>                       | NS            | ND             | ND               | 30                | ND                | ND                | 25             | ND             | ND             | 2.0            | -              | 13.4           | -              | 46             | 54             |  |

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| Last Updated: 06/23/2020                       |                                        |                        | X                 |                   |                   |                   |                       |                       |                       |                    |                    |                    | X                  | X                  | X                  |                      |
|------------------------------------------------|----------------------------------------|------------------------|-------------------|-------------------|-------------------|-------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|----------------------|
| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | 14 Mountain<br>Road FB | 14 Mountain<br>Rd | 18 Mountain<br>Rd | 18 Mountain<br>Rd | 18 Mountain<br>Rd | 18 Mountain<br>Rd INF | 18 Mountain<br>Rd MID | 18 Mountain<br>Rd EFF | 18 Mountain<br>INF | 18 Mountain<br>MID | 18 Mountain<br>EFF | 18 Mountain<br>INF | 18 Mountain<br>MID | 18 Mountain<br>EFF | 19<br>Mountain<br>Rd |
| Sample Date                                    |                                        | 1/9/20                 | 5/29/20           | 1/10/20           | 2/14/20           | 2/14/20           | 2/14/20               | 2/14/20               | 2/14/20               | 3/11/20            | 3/11/20            | 3/11/20            | 3/11/20            | 3/11/20            | 3/11/20            | 12/4/19              |
| Lab Sample ID                                  |                                        | 20A0413-02             | 20F0105-01        | 20A0765-01        | 20B0851-01        | 20B0850-01        | 20B0850-01            | 20B0850-03            | 20B0850-02            | 20C0659-01         | 20C0659-02         | 20C0659-03         | 20C0659-01         | 20C0659-02         | 20C0659-03         | 19L0338-01           |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                        |                   |                   |                   |                   |                       |                       |                       |                    |                    |                    |                    |                    |                    |                      |
| Diesel/#2 Fuel                                 | NS                                     | -                      | -                 | -                 | -                 | -                 | -                     | -                     | -                     | -                  | -                  | -                  | -                  | -                  | -                  | -                    |
| <b>General Chemistry (mg/l)</b>                |                                        |                        |                   |                   |                   |                   |                       |                       |                       |                    |                    |                    |                    |                    |                    |                      |
| Hardness (as CaCO3)                            | NS                                     | -                      | -                 | -                 | 170               | -                 | -                     | -                     | -                     | -                  | -                  | -                  | -                  | -                  | -                  | -                    |
| Solids (Total Dissolved)                       | NS                                     | -                      | -                 | -                 | 210               | -                 | -                     | -                     | -                     | -                  | -                  | -                  | -                  | -                  | -                  | -                    |
| Chloride                                       | NS                                     | -                      | -                 | -                 | 47                | -                 | -                     | -                     | -                     | -                  | -                  | -                  | -                  | -                  | -                  | -                    |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                        |                   |                   |                   |                   |                       |                       |                       |                    |                    |                    |                    |                    |                    |                      |
| Arsenic                                        | NS                                     | -                      | -                 | -                 | 1.3               | -                 | -                     | -                     | -                     | -                  | -                  | -                  | -                  | -                  | -                  | -                    |
| Manganese                                      | NS                                     | -                      | -                 | -                 | 1.6               | -                 | -                     | -                     | -                     | -                  | -                  | -                  | -                  | -                  | -                  | -                    |
| Sodium                                         | NS                                     | -                      | -                 | -                 | 15,000            | -                 | -                     | -                     | -                     | -                  | -                  | -                  | -                  | -                  | -                  | -                    |
| Iron                                           | NS                                     | -                      | -                 | -                 | <50               | -                 | -                     | -                     | -                     | -                  | -                  | -                  | -                  | -                  | -                  | -                    |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                        |                   |                   |                   |                   |                       |                       |                       |                    |                    |                    |                    |                    |                    |                      |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | <2.0                   | <2.0              | <2.0              | -                 | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                 |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | <2.0                   | <2.0              | <2.0              | -                 | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                 |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | <2.0                   | <2.0              | <2.0              | -                 | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                 |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | <2.0                   | <2.0              | <2.0              | -                 | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                 |
| N-EtFOSAA                                      | NS                                     | <2.0                   | <2.0              | <2.0              | -                 | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                 |
| N-MeFOSAA                                      | NS                                     | <2.0                   | <2.0              | <2.0              | -                 | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                 |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | <2.0                   | 7.8               | 25                | -                 | 20                | <2.0                  | <2.0                  | 27                    | <2.0               | <2.0               | 15                 | <2.0               | <2.0               | <2.0               | 32                   |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | <2.0                   | <2.0              | <2.0              | -                 | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                 |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | <2.0                   | <2.0              | 3.4               | -                 | 2.8               | <2.0                  | <2.0                  | 3.1                   | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | 5.1                  |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | <2.0                   | <2.0              | <2.0              | -                 | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                 |
| Perfluorotridecanoic acid (PFTTrDA)            | NS                                     | <2.0                   | <2.0              | <2.0              | -                 | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                 |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | <2.0                   | <2.0              | <2.0              | -                 | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                 |
| <b>PFAS - Regulated (ng/L)</b>                 |                                        |                        |                   |                   |                   |                   |                       |                       |                       |                    |                    |                    |                    |                    |                    |                      |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | <2.0                   | <2.0              | <2.0              | -                 | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                 |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | <2.0                   | <2.0              | <2.0              | -                 | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | 2.5                  |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | <2.0                   | 33                | 150               | -                 | 110               | <2.0                  | <2.0                  | 160                   | <2.0               | <2.0               | 88                 | <2.0               | <2.0               | <2.0               | 220                  |
| perfluorononanoic acid (PFNA)                  | NS                                     | <2.0                   | <2.0              | <2.0              | -                 | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                 |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | <2.0                   | 7.0               | 61                | -                 | 50                | <2.0                  | <2.0                  | 61                    | <2.0               | <2.0               | 36                 | <2.0               | <2.0               | <2.0               | 190                  |
| perfluorooctanoic acid (PFOA)                  | NS                                     | <2.0                   | 3.3               | 6.4               | -                 | 5.6               | <2.0                  | <2.0                  | 6.4                   | <2.0               | <2.0               | 4.9                | <2.0               | <2.0               | <2.0               | 11                   |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | ND                     | 43                | 217               | -                 | 166               | ND                    | ND                    | 227                   | ND                 | ND                 | 129                | ND                 | ND                 | ND                 | 424                  |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | ND                     | 51                | 246               | -                 | 188               | ND                    | ND                    | 258                   | ND                 | ND                 | 144                | ND                 | ND                 | ND                 | 461                  |

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MCP - Massachusetts Contingency Plan  
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PFAS - Per- and Polyfluoroalkyl substances  
NS - No Standard  
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Bold and boxed values indicate exceedances of criteria



TABLE 1  
PFAS Drinking Water Summary  
Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | 19<br>Mountain<br>Rd | 19 Mountain<br>Rd INF | 19 Mountain<br>Rd MID | 19 Mountain<br>Rd EFF | 19 Mountain<br>Rd FB | 19 Mountain<br>Rd INF | 19 Mountain<br>Rd MID | 19 Mountain<br>Rd EFF | 19 Mountain<br>Rd FB | 19 Mountain<br>Rd INF | 19 Mountain<br>Rd MID | 19 Mountain<br>Rd EFF | 19 Mountain<br>Rd INF | 19 Mountain<br>Rd MID |
|------------------------------------------------|----------------------------------------|----------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Sample Date                                    |                                        | 12/27/19             | 1/10/20               | 1/10/20               | 1/10/20               | 1/10/20              | 1/17/20               | 1/17/20               | 1/17/20               | 1/17/20              | 1/31/20               | 1/31/20               | 1/31/20               | 3/3/20                | 3/3/20                |
| Lab Sample ID                                  |                                        | 19L1115-01           | 20A0763-01            | 20A0763-02            | 20A0763-03            | 20A0763-04           | 20A0981-01            | 20A0981-02            | 20A0981-03            | 20A0981-04           | 20B0055-01            | 20B0055-03            | 20B0055-02            | 20C0332               | 20C0332               |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                      |                       |                       |                       |                      |                       |                       |                       |                      |                       |                       |                       |                       |                       |
| Diesel/#2 Fuel                                 | NS                                     | -                    | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                     | -                     |
| <b>General Chemistry (mg/l)</b>                |                                        |                      |                       |                       |                       |                      |                       |                       |                       |                      |                       |                       |                       |                       |                       |
| Hardness (as CaCO3)                            | NS                                     | 240                  | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                     | -                     |
| Solids (Total Dissolved)                       | NS                                     | 480                  | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                     | -                     |
| Chloride                                       | NS                                     | 200                  | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                     | -                     |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                      |                       |                       |                       |                      |                       |                       |                       |                      |                       |                       |                       |                       |                       |
| Arsenic                                        | NS                                     | 1.1                  | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                     | -                     |
| Manganese                                      | NS                                     | 7.8                  | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                     | -                     |
| Sodium                                         | NS                                     | 71,000               | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                     | -                     |
| Iron                                           | NS                                     | <0.050               | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                     | -                     |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                      |                       |                       |                       |                      |                       |                       |                       |                      |                       |                       |                       |                       |                       |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | -                    | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                  | <2.0                  |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | -                    | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                  | <2.0                  |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | -                    | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                  | <2.0                  |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | -                    | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                  | <2.0                  |
| N-EtFOSAA                                      | NS                                     | -                    | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                  | <2.0                  |
| N-MeFOSAA                                      | NS                                     | -                    | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                  | <2.0                  |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | -                    | 9.2                   | <2.0                  | <2.0                  | <2.0                 | 28                    | <2.0                  | <2.0                  | <2.0                 | 6.3                   | <2.0                  | <2.0                  | 7.1                   | <2.0                  |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | -                    | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                  | <2.0                  |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | -                    | <2.0                  | <2.0                  | <2.0                  | <2.0                 | 4.4                   | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                  | <2.0                  |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | -                    | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                  | <2.0                  |
| Perfluorotridecanoic acid (PFTTrDA)            | NS                                     | -                    | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                  | <2.0                  |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | -                    | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                  | <2.0                  |
| <b>PFAS - Regulated (ng/L)</b>                 |                                        |                      |                       |                       |                       |                      |                       |                       |                       |                      |                       |                       |                       |                       |                       |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | -                    | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                  | <2.0                  |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | -                    | <2.0                  | <2.0                  | <2.0                  | <2.0                 | 2.3                   | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                  | <2.0                  |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | -                    | 58                    | <2.0                  | <2.0                  | <2.0                 | 190                   | <2.0                  | <2.0                  | <2.0                 | 38                    | <2.0                  | <2.0                  | 39                    | <2.0                  |
| perfluorononanoic acid (PFNA)                  | NS                                     | -                    | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                  | <2.0                  |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | -                    | 48                    | <2.0                  | <2.0                  | <2.0                 | 140                   | <2.0                  | <2.0                  | <2.0                 | 32                    | <2.0                  | <2.0                  | 28                    | <2.0                  |
| perfluorooctanoic acid (PFOA)                  | NS                                     | -                    | 3.5                   | <2.0                  | <2.0                  | <2.0                 | 8.9                   | <2.0                  | <2.0                  | <2.0                 | 3.0                   | <2.0                  | <2.0                  | 3.1                   | <2.0                  |
| -                                              |                                        | -                    |                       |                       |                       |                      |                       |                       |                       |                      |                       |                       |                       |                       |                       |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | -                    | 110                   | ND                    | ND                    | ND                   | 341                   | ND                    | ND                    | ND                   | 73                    | ND                    | ND                    | 70                    | ND                    |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | -                    | 119                   | ND                    | ND                    | ND                   | 374                   | ND                    | ND                    | ND                   | 79                    | ND                    | ND                    | 77                    | ND                    |

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Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

|                                                |                                        | X                     |                    | X                  |                    | X               |                   |                   |                       |                       |                       |                    |                    |                    |                      |
|------------------------------------------------|----------------------------------------|-----------------------|--------------------|--------------------|--------------------|-----------------|-------------------|-------------------|-----------------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|----------------------|
| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | 19 Mountain<br>Rd EFF | 19 Mountain<br>INF | 19 Mountain<br>MID | 19 Mountain<br>EFF | TB-<br>03032020 | 20 Mountain<br>Rd | 20 Mountain<br>Rd | 20 Mountain<br>Rd INF | 20 Mountain<br>Rd MID | 20 Mountain<br>Rd EFF | 20 Mountain<br>INF | 20 Mountain<br>MID | 20 Mountain<br>EFF | 21<br>Mountain<br>Rd |
| Sample Date                                    |                                        | 3/3/20                | 5/8/20             | 5/8/20             | 5/8/20             | 3/3/20          | 1/10/20           | 2/14/20           | 2/14/20               | 2/14/20               | 2/14/20               | 3/17/20            | 3/17/20            | 3/17/20            | 12/5/19              |
| Lab Sample ID                                  |                                        | 20C0332               | 20E0573-01         | 20E0573-02         | 20E0573-03         | 20C0332-04      | 20A0764-01        | 20B0852-01        | 20B0849-01            | 20B0849-02            | 20B0849-03            | 20C0973-01         | 20C0973-02         | 20C0973-03         | 19L0331-01           |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                       |                    |                    |                    |                 |                   |                   |                       |                       |                       |                    |                    |                    |                      |
| Diesel/#2 Fuel                                 | NS                                     | -                     | -                  | -                  | -                  | -               | -                 | -                 | -                     | -                     | -                     | -                  | -                  | -                  | -                    |
| <b>General Chemistry (mg/l)</b>                |                                        |                       |                    |                    |                    |                 |                   |                   |                       |                       |                       |                    |                    |                    |                      |
| Hardness (as CaCO3)                            | NS                                     | -                     | -                  | -                  | -                  | -               | -                 | 170               | -                     | -                     | -                     | -                  | -                  | -                  | -                    |
| Solids (Total Dissolved)                       | NS                                     | -                     | -                  | -                  | -                  | -               | -                 | 210               | -                     | -                     | -                     | -                  | -                  | -                  | -                    |
| Chloride                                       | NS                                     | -                     | -                  | -                  | -                  | -               | -                 | 33                | -                     | -                     | -                     | -                  | -                  | -                  | -                    |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                       |                    |                    |                    |                 |                   |                   |                       |                       |                       |                    |                    |                    |                      |
| Arsenic                                        | NS                                     | -                     | -                  | -                  | -                  | -               | -                 | 3.6               | -                     | -                     | -                     | -                  | -                  | -                  | -                    |
| Manganese                                      | NS                                     | -                     | -                  | -                  | -                  | -               | -                 | <1.0              | -                     | -                     | -                     | -                  | -                  | -                  | -                    |
| Sodium                                         | NS                                     | -                     | -                  | -                  | -                  | -               | -                 | 11,000            | -                     | -                     | -                     | -                  | -                  | -                  | -                    |
| Iron                                           | NS                                     | -                     | -                  | -                  | -                  | -               | -                 | <50               | -                     | -                     | -                     | -                  | -                  | -                  | -                    |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                       |                    |                    |                    |                 |                   |                   |                       |                       |                       |                    |                    |                    |                      |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0            | <2.0              | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0                 |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0            | <2.0              | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0                 |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0            | <2.0              | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0                 |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0            | <2.0              | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0                 |
| N-EtFOSAA                                      | NS                                     | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0            | <2.0              | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0                 |
| N-MeFOSAA                                      | NS                                     | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0            | <2.0              | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0                 |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | <2.0                  | 11                 | <2.0               | <2.0               | <2.0            | 12                | -                 | 14                    | <2.0                  | <2.0                  | 15                 | <2.0               | <2.0               | 8.2                  |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0            | <2.0              | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0                 |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | <2.0                  | 2.6                | <2.0               | <2.0               | <2.0            | <2.0              | -                 | 2.1                   | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | 2.4                  |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0            | <2.0              | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0                 |
| Perfluorotridecanoic acid (PFTTrDA)            | NS                                     | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0            | <2.0              | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0                 |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0            | <2.0              | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0                 |
| <b>PFAS - Regulated (ng/L)</b>                 |                                        |                       |                    |                    |                    |                 |                   |                   |                       |                       |                       |                    |                    |                    |                      |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0            | <2.0              | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0                 |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0            | <2.0              | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0                 |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | <2.0                  | 71                 | <2.0               | <2.0               | <2.0            | 60                | -                 | 74                    | <2.0                  | <2.0                  | 78                 | <2.0               | <2.0               | 53                   |
| perfluorononanoic acid (PFNA)                  | NS                                     | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0            | <2.0              | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0                 |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | <2.0                  | 44                 | <2.0               | <2.0               | <2.0            | 22                | -                 | 28                    | <2.0                  | <2.0                  | 30                 | <2.0               | <2.0               | 44                   |
| perfluorooctanoic acid (PFOA)                  | NS                                     | <2.0                  | 4.2                | <2.0               | <2.0               | <2.0            | 3.5               | -                 | 4.1                   | <2.0                  | <2.0                  | 4.2                | <2.0               | <2.0               | 5.4                  |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | ND                    | 119                | ND                 | ND                 | ND              | 86                | -                 | 106                   | ND                    | ND                    | 112                | ND                 | ND                 | 102                  |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | ND                    | 133                | ND                 | ND                 | ND              | 98                | -                 | 122                   | ND                    | ND                    | 127                | ND                 | ND                 | 113                  |

mg/l - milligrams per liter  
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MCP - Massachusetts Contingency Plan  
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TABLE 1  
PFAS Drinking Water Summary  
Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | 21 Mountain<br>Rd | 21 Mountain<br>Rd INF | 21 Mountain<br>Rd MID | 21 Mountain<br>Rd EFF | 21 Mountain<br>Rd FB | 21 Mountain<br>Rd INF | 21 Mountain<br>Rd MID | 21 Mountain<br>Rd EFF | 21 Mountain<br>Rd. INF | 21 Mountain<br>Rd. MID | 21 Mountain<br>Rd. EFF | 21 Mountain<br>INF | 21 Mountain<br>MID | 21 Mountain<br>EFF |
|------------------------------------------------|----------------------------------------|-------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|--------------------|--------------------|--------------------|
| Sample Date                                    |                                        | 1/17/20           | 1/24/20               | 1/24/20               | 1/24/20               | 1/24/20              | 1/31/20               | 1/31/20               | 1/31/20               | 2/7/20                 | 2/7/20                 | 2/7/20                 | 3/17/20            | 3/17/20            | 3/17/20            |
| Lab Sample ID                                  |                                        | 20A0982-01        | 20A1171-01            | 20A1171-02            | 20A1171-03            | 20A1171-04           | 20B0057-01            | 20B0057-02            | 20B0057-03            | 20B0429-01             | 20B0429-02             | 20B0429-03             | 20C0969-01         | 20C0969-02         | 20C0969-03         |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                   |                       |                       |                       |                      |                       |                       |                       |                        |                        |                        |                    |                    |                    |
| Diesel/#2 Fuel                                 | NS                                     | -                 | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                      | -                      | -                      | -                  | -                  | -                  |
| <b>General Chemistry (mg/l)</b>                |                                        |                   |                       |                       |                       |                      |                       |                       |                       |                        |                        |                        |                    |                    |                    |
| Hardness (as CaCO3)                            | NS                                     | 240               | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                      | -                      | -                      | -                  | -                  | -                  |
| Solids (Total Dissolved)                       | NS                                     | 400               | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                      | -                      | -                      | -                  | -                  | -                  |
| Chloride                                       | NS                                     | 130               | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                      | -                      | -                      | -                  | -                  | -                  |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                   |                       |                       |                       |                      |                       |                       |                       |                        |                        |                        |                    |                    |                    |
| Arsenic                                        | NS                                     | 1.6               | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                      | -                      | -                      | -                  | -                  | -                  |
| Manganese                                      | NS                                     | 21                | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                      | -                      | -                      | -                  | -                  | -                  |
| Sodium                                         | NS                                     | 27,000            | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                      | -                      | -                      | -                  | -                  | -                  |
| Iron                                           | NS                                     | <50               | -                     | -                     | -                     | -                    | -                     | -                     | -                     | -                      | -                      | -                      | -                  | -                  | -                  |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                   |                       |                       |                       |                      |                       |                       |                       |                        |                        |                        |                    |                    |                    |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0               | <2.0               | <2.0               |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0               | <2.0               | <2.0               |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0               | <2.0               | <2.0               |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0               | <2.0               | <2.0               |
| N-EtFOSAA                                      | NS                                     | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0               | <2.0               | <2.0               |
| N-MeFOSAA                                      | NS                                     | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0               | <2.0               | <2.0               |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | -                 | 7.5                   | <2.0                  | <2.0                  | <2.0                 | 5.5                   | <2.0                  | <2.0                  | 4.3                    | <2.0                   | <2.0                   | 7.4                | <2.0               | <2.0               |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0               | <2.0               | <2.0               |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | -                 | 2.0                   | <2.0                  | <2.0                  | <2.0                 | 2.2                   | <2.0                  | <2.0                  | 3.2                    | <2.0                   | <2.0                   | 3                  | <2.0               | <2.0               |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0               | <2.0               | <2.0               |
| Perfluorotridecanoic acid (PFTTrDA)            | NS                                     | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0               | <2.0               | <2.0               |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0               | <2.0               | <2.0               |
| <b>PFAS - Regulated (ng/L)</b>                 |                                        |                   |                       |                       |                       |                      |                       |                       |                       |                        |                        |                        |                    |                    |                    |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0               | <2.0               | <2.0               |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | 2.1                    | <2.0                   | <2.0                   | 3.2                | <2.0               | <2.0               |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | -                 | 47                    | <2.0                  | <2.0                  | <2.0                 | 37                    | <2.0                  | <2.0                  | 28                     | <2.0                   | <2.0                   | 46                 | <2.0               | <2.0               |
| perfluorononanoic acid (PFNA)                  | NS                                     | -                 | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                  | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0               | <2.0               | <2.0               |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | -                 | 37                    | <2.0                  | <2.0                  | <2.0                 | 35                    | <2.0                  | <2.0                  | 26                     | <2.0                   | <2.0                   | 35                 | <2.0               | <2.0               |
| perfluorooctanoic acid (PFOA)                  | NS                                     | -                 | 4.6                   | <2.0                  | <2.0                  | <2.0                 | 5.7                   | <2.0                  | <2.0                  | 5.4                    | <2.0                   | <2.0                   | 4.7                | <2.0               | <2.0               |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | -                 | 89                    | ND                    | ND                    | ND                   | 78                    | ND                    | ND                    | 62                     | ND                     | ND                     | 89                 | ND                 | ND                 |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | -                 | 98                    | ND                    | ND                    | ND                   | 85                    | ND                    | ND                    | 69                     | ND                     | ND                     | 99                 | ND                 | ND                 |

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PFAS Drinking Water Summary  
Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

|                                                |                                        | X                  | X                  | X                  |                   |                   |                   |                    |                    |                    | x                  | X                  | x                  | X                     |                   |
|------------------------------------------------|----------------------------------------|--------------------|--------------------|--------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-----------------------|-------------------|
| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | 21 Mountain<br>INF | 21 Mountain<br>MID | 21 Mountain<br>EFF | 29 Mountain<br>Rd | 29 Mountain<br>Rd | 29 Mountain<br>Rd | 29 Mountain<br>INF | 29 Mountain<br>MID | 29 Mountain<br>EFF | 29 Mountain<br>INF | 29 Mountain<br>MID | 29 Mountain<br>EFF | 29 Mountain<br>Rd EFF | 30 Mountain<br>Rd |
| Sample Date                                    |                                        | 3/17/20            | 3/17/20            | 3/17/20            | 1/8/20            | 1/8/20            | 3/11/20           | 3/11/20            | 3/11/20            | 3/11/20            | 5/8/20             | 5/8/20             | 5/8/20             | 6/3/20                | 1/27/20           |
| Lab Sample ID                                  |                                        | 20C0969-01         | 20C0969-02         | 20C0969-03         | 20A0411-01        | 20A0418-01        | 20C0657           | 20C0655-01         | 20C0655-02         | 20C0655-03         | 20E0572-01         | 20E0572-02         | 20E0572-03         | 20F0316-01            | 20A1146-01        |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                    |                    |                    |                   |                   |                   |                    |                    |                    |                    |                    |                    |                       |                   |
| Diesel/#2 Fuel                                 | NS                                     | -                  | -                  | -                  | <0.25             | -                 | -                 | -                  | -                  | -                  | -                  | -                  | -                  | -                     | -                 |
| <b>General Chemistry (mg/l)</b>                |                                        |                    |                    |                    |                   |                   |                   |                    |                    |                    |                    |                    |                    |                       |                   |
| Hardness (as CaCO3)                            | NS                                     | -                  | -                  | -                  | -                 | -                 | 350               | -                  | -                  | -                  | -                  | -                  | -                  | -                     | -                 |
| Solids (Total Dissolved)                       | NS                                     | -                  | -                  | -                  | -                 | -                 | 760               | -                  | -                  | -                  | -                  | -                  | -                  | -                     | -                 |
| Chloride                                       | NS                                     | -                  | -                  | -                  | -                 | -                 | 290               | -                  | -                  | -                  | -                  | -                  | -                  | -                     | -                 |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                    |                    |                    |                   |                   |                   |                    |                    |                    |                    |                    |                    |                       |                   |
| Arsenic                                        | NS                                     | -                  | -                  | -                  | -                 | -                 | <50               | -                  | -                  | -                  | -                  | -                  | -                  | -                     | -                 |
| Manganese                                      | NS                                     | -                  | -                  | -                  | -                 | -                 | <0.80             | -                  | -                  | -                  | -                  | -                  | -                  | -                     | -                 |
| Sodium                                         | NS                                     | -                  | -                  | -                  | -                 | -                 | 11                | -                  | -                  | -                  | -                  | -                  | -                  | -                     | -                 |
| Iron                                           | NS                                     | -                  | -                  | -                  | -                 | -                 | 88,000            | -                  | -                  | -                  | -                  | -                  | -                  | -                     | -                 |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                    |                    |                    |                   |                   |                   |                    |                    |                    |                    |                    |                    |                       |                   |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | <2.0               | <2.0               | <2.0               | -                 | <2.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0              |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | <2.0               | <2.0               | <2.0               | -                 | <2.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0              |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | <2.0               | <2.0               | <2.0               | -                 | <2.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0              |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | <2.0               | <2.0               | <2.0               | -                 | <2.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0              |
| N-EtFOSAA                                      | NS                                     | <2.0               | <2.0               | <2.0               | -                 | <2.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0              |
| N-MeFOSAA                                      | NS                                     | <2.0               | <2.0               | <2.0               | -                 | <2.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0              |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | <b>4</b>           | <2.0               | <2.0               | -                 | <b>9.6</b>        | -                 | <b>6.7</b>         | <2.0               | <2.0               | <b>4</b>           | <2.0               | <b>2.9</b>         | <2.0                  | <2.0              |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | <2.0               | <2.0               | <2.0               | -                 | <2.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0              |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | <b>2.4</b>         | <2.0               | <2.0               | -                 | <b>2.5</b>        | -                 | <b>2</b>           | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0              |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | <2.0               | <2.0               | <2.0               | -                 | <2.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0              |
| Perfluorotridecanoic acid (PFTrDA)             | NS                                     | <2.0               | <2.0               | <2.0               | -                 | <2.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0              |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | <2.0               | <2.0               | <2.0               | -                 | <2.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0              |
| <b>PFAS - Regulated (ng/L)</b>                 |                                        |                    |                    |                    |                   |                   |                   |                    |                    |                    |                    |                    |                    |                       |                   |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | <2.0               | <2.0               | <2.0               | -                 | <2.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0              |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | <2.0               | <2.0               | <2.0               | -                 | <2.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0              |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | <b>25</b>          | <2.0               | <2.0               | -                 | <b>59</b>         | -                 | <b>41</b>          | <2.0               | <2.0               | <b>21</b>          | <2.0               | <b>16</b>          | <2.0                  | <b>4.4</b>        |
| perfluorononanoic acid (PFNA)                  | NS                                     | <2.0               | <2.0               | <2.0               | -                 | <2.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0               | <2.0                  | <2.0              |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | <b>21</b>          | <2.0               | <2.0               | -                 | <b>53</b>         | -                 | <b>38</b>          | <2.0               | <2.0               | <b>27</b>          | <2.0               | <b>21</b>          | <2.0                  | <b>5.4</b>        |
| perfluorooctanoic acid (PFOA)                  | NS                                     | <b>5.4</b>         | <2.0               | <2.0               | -                 | <b>5.3</b>        | -                 | <b>5.1</b>         | <2.0               | <2.0               | <b>4.4</b>         | <2.0               | <b>3.5</b>         | <2.0                  | <b>6.1</b>        |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | <b>51</b>          | ND                 | ND                 | -                 | <b>117</b>        | -                 | <b>84</b>          | ND                 | ND                 | <b>52</b>          | ND                 | <b>41</b>          | ND                    | 15.9              |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | <b>58</b>          | ND                 | ND                 | -                 | <b>129</b>        | -                 | <b>93</b>          | ND                 | ND                 | <b>56</b>          | ND                 | <b>43</b>          | ND                    | <b>15.9</b>       |

mg/l - milligrams per liter  
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MCP - Massachusetts Contingency Plan  
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PFAS - Per- and Polyfluoroalkyl substances  
NS - No Standard  
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TABLE 1  
PFAS Drinking Water Summary  
Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

| Last Updated: 06/23/2020                       |                                        | X                 |            | X                  |                   | X                 |                   | X                  |                    | X                  |                   | X                    |                   | X                 |                       |
|------------------------------------------------|----------------------------------------|-------------------|------------|--------------------|-------------------|-------------------|-------------------|--------------------|--------------------|--------------------|-------------------|----------------------|-------------------|-------------------|-----------------------|
| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | 30 Mountain<br>Rd | TB 060520  | 33 Mountain<br>Rd. | 38 Mountain<br>Rd | 51 Mountain<br>Rd | 51 Mountain<br>Rd | 51 Mountain<br>Inf | 51 Mountain<br>Mid | 51 Mountain<br>Eff | 54 Mountain<br>Rd | 54 Mountain<br>Rd FB | 58 Mountain<br>Rd | 64 Mountain<br>Rd | 64 Mountain<br>Rd INF |
| Sample Date                                    |                                        | 6/5/20            | 6/5/20     | 2/7/20             | 2/14/20           | 2/12/20           | 3/6/20            | 5/28/20            | 5/28/20            | 5/28/20            | 2/26/20           | 2/26/20              | 2/26/20           | 1/30/20           | 3/3/20                |
| Lab Sample ID                                  |                                        | 20F0317-01        | 20F0317-02 | 20B0430-01         | 20B0846-01        | 20B0681-01        | 20C0334-01        | 20F0106-01         | 20F0106-02         | 20F0106-03         | 20B1181-01        | 20B1181-02           | 20B1178-01        | 20A1378-01        | 20C0329               |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                   |            |                    |                   |                   |                   |                    |                    |                    |                   |                      |                   |                   |                       |
| Diesel/#2 Fuel                                 | NS                                     | -                 | -          | -                  | -                 | -                 | -                 | -                  | -                  | -                  | -                 | -                    | -                 | -                 | -                     |
| <b>General Chemistry (mg/l)</b>                |                                        |                   |            |                    |                   |                   |                   |                    |                    |                    |                   |                      |                   |                   |                       |
| Hardness (as CaCO3)                            | NS                                     | -                 | -          | -                  | -                 | -                 | 260               | -                  | -                  | -                  | -                 | -                    | -                 | -                 | -                     |
| Solids (Total Dissolved)                       | NS                                     | -                 | -          | -                  | -                 | -                 | 560               | -                  | -                  | -                  | -                 | -                    | -                 | -                 | -                     |
| Chloride                                       | NS                                     | -                 | -          | -                  | -                 | -                 | 300               | -                  | -                  | -                  | -                 | -                    | -                 | -                 | -                     |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                   |            |                    |                   |                   |                   |                    |                    |                    |                   |                      |                   |                   |                       |
| Arsenic                                        | NS                                     | -                 | -          | -                  | -                 | -                 | <0.80             | -                  | -                  | -                  | -                 | -                    | -                 | -                 | -                     |
| Manganese                                      | NS                                     | -                 | -          | -                  | -                 | -                 | <1.0              | -                  | -                  | -                  | -                 | -                    | -                 | -                 | -                     |
| Sodium                                         | NS                                     | -                 | -          | -                  | -                 | -                 | 97,000            | -                  | -                  | -                  | -                 | -                    | -                 | -                 | -                     |
| Iron                                           | NS                                     | -                 | -          | -                  | -                 | -                 | <50               | -                  | -                  | -                  | -                 | -                    | -                 | -                 | -                     |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                   |            |                    |                   |                   |                   |                    |                    |                    |                   |                      |                   |                   |                       |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | <2.0              | <2.0       | <2.0               | <2.0              | <4.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0                  |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | <2.0              | <2.0       | <2.0               | <2.0              | <4.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0                  |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | <2.0              | <2.0       | <2.0               | <2.0              | <4.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0                  |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | <2.0              | <2.0       | <2.0               | <2.0              | <4.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0                  |
| N-EtFOSAA                                      | NS                                     | <2.0              | <2.0       | <2.0               | <2.0              | <4.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0                  |
| N-MeFOSAA                                      | NS                                     | <2.0              | <2.0       | <2.0               | <2.0              | <4.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0                  |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | <2.0              | <2.0       | <2.0               | <2.0              | <4.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0                  |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | <2.0              | <2.0       | <2.0               | <2.0              | <4.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0                  |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | <2.0              | <2.0       | <2.0               | <2.0              | 6.9               | -                 | 6.1                | <2.0               | <2.0               | 5.2               | <2.0                 | 19                | 14                | 20                    |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | <2.0              | <2.0       | <2.0               | <2.0              | <4.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0                  |
| Perfluorotridecanoic acid (PFTTrDA)            | NS                                     | <2.0              | <2.0       | <2.0               | <2.0              | <4.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0                  |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | <2.0              | <2.0       | <2.0               | <2.0              | <4.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0                  |
| <b>PFAS - Regulated (ng/L)</b>                 |                                        |                   |            |                    |                   |                   |                   |                    |                    |                    |                   |                      |                   |                   |                       |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | <2.0              | <2.0       | <2.0               | <2.0              | <4.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0              | <2.0                 | 6.2               | <2.0              | <2.0                  |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | <2.0              | <2.0       | <2.0               | <2.0              | 9.5               | -                 | 9.4                | <2.0               | <2.0               | 7.6               | <2.0                 | 29                | 19                | 23                    |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | 3.9               | <2.0       | <2.0               | <2.0              | <4.0              | -                 | <2.0               | <2.0               | <2.0               | <2.0              | <2.0                 | <2.0              | <2.0              | <2.0                  |
| perfluorononanoic acid (PFNA)                  | NS                                     | <2.0              | <2.0       | <2.0               | <2.0              | <4.0              | -                 | 3.0                | <2.0               | <2.0               | <2.0              | <2.0                 | 20                | <2.0              | 2.5                   |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | 4.1               | <2.0       | <2.0               | 2.2               | 24                | -                 | 23                 | <2.0               | 2.9                | 18                | <2.0                 | 210               | 22                | 20                    |
| perfluorooctanoic acid (PFOA)                  | NS                                     | 4.6               | <2.0       | <2.0               | <2.0              | 29                | -                 | 29                 | <2.0               | <2.0               | 20                | <2.0                 | 89                | 34                | 44                    |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | 12.6              | ND         | ND                 | 2.2               | 62                | -                 | 64                 | ND                 | 2.9                | 46                | ND                   | 354               | 75                | 90                    |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | 12.6              | ND         | ND                 | 2.2               | 69                | -                 | 70                 | ND                 | 2.9                | 51                | ND                   | 373               | 89                | 110                   |

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Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | 64 Mountain<br>Rd MID | 64 Mountain<br>Rd EFF | 64 Mountain<br>INF | 64 Mountain<br>MID | 64 Mountain<br>EFF | 5 Prospect<br>St | 5 Prospect<br>St | 5 Prospect<br>St. INF | 5 Prospect<br>St. MID | 5 Prospect<br>St. EFF | 5 Prospect<br>St INF | 5 Prospect<br>St MID | 5 Prospect<br>St EFF | 5 Prospect<br>St. INF |
|------------------------------------------------|----------------------------------------|-----------------------|-----------------------|--------------------|--------------------|--------------------|------------------|------------------|-----------------------|-----------------------|-----------------------|----------------------|----------------------|----------------------|-----------------------|
| Sample Date                                    | 3/3/20                                 | 3/3/20                | 5/8/20                | 5/8/20             | 5/8/20             | 1/13/20            | 1/20/20          | 1/24/20          | 1/24/20               | 1/24/20               | 1/24/20               | 1/31/20              | 1/31/20              | 1/31/20              | 2/7/20                |
| Lab Sample ID                                  | 20C0329                                | 20C0329               | 20E0575-01            | 20E0575-02         | 20E0575-03         | 20A0546-01         | 20A0986-01       | 20A1143-01       | 20A1143-03            | 20A1143-02            | 20B0054-01            | 20B0054-02           | 20B0054-03           | 20B0428-01           |                       |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                       |                       |                    |                    |                    |                  |                  |                       |                       |                       |                      |                      |                      |                       |
| Diesel/#2 Fuel                                 | NS                                     | -                     | -                     | -                  | -                  | -                  | -                | -                | -                     | -                     | -                     | -                    | -                    | -                    | -                     |
| <b>General Chemistry (mg/l)</b>                |                                        |                       |                       |                    |                    |                    |                  |                  |                       |                       |                       |                      |                      |                      |                       |
| Hardness (as CaCO3)                            | NS                                     | -                     | -                     | -                  | -                  | -                  | -                | 330              | -                     | -                     | -                     | -                    | -                    | -                    | -                     |
| Solids (Total Dissolved)                       | NS                                     | -                     | -                     | -                  | -                  | -                  | -                | 530              | -                     | -                     | -                     | -                    | -                    | -                    | -                     |
| Chloride                                       | NS                                     | -                     | -                     | -                  | -                  | -                  | -                | 210              | -                     | -                     | -                     | -                    | -                    | -                    | -                     |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                       |                       |                    |                    |                    |                  |                  |                       |                       |                       |                      |                      |                      |                       |
| Arsenic                                        | NS                                     | -                     | -                     | -                  | -                  | -                  | -                | 2.2              | -                     | -                     | -                     | -                    | -                    | -                    | -                     |
| Manganese                                      | NS                                     | -                     | -                     | -                  | -                  | -                  | -                | 1.3              | -                     | -                     | -                     | -                    | -                    | -                    | -                     |
| Sodium                                         | NS                                     | -                     | -                     | -                  | -                  | -                  | -                | 35,000           | -                     | -                     | -                     | -                    | -                    | -                    | -                     |
| Iron                                           | NS                                     | -                     | -                     | -                  | -                  | -                  | -                | <50              | -                     | -                     | -                     | -                    | -                    | -                    | -                     |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                       |                       |                    |                    |                    |                  |                  |                       |                       |                       |                      |                      |                      |                       |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0             | -                | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0             | -                | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0             | -                | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0             | -                | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| N-EtFOSAA                                      | NS                                     | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0             | -                | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| N-MeFOSAA                                      | NS                                     | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0             | -                | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | 9.4              | -                | 2.4                   | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0             | -                | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | <2.0                  | <2.0                  | 15                 | <2.0               | <2.0               | <2.0             | -                | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0             | -                | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| Perfluorotridecanoic acid (PFTrDA)             | NS                                     | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0             | -                | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0             | -                | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| <b>PFAS - Regulated (ng/L)</b>                 | NS                                     |                       |                       |                    |                    |                    |                  |                  |                       |                       |                       |                      |                      |                      |                       |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | <2.0             | -                | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | <2.0                  | <2.0                  | 18                 | <2.0               | <2.0               | <2.0             | -                | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | <2.0                  | <2.0                  | <2.0               | <2.0               | <2.0               | 32               | -                | 6.6                   | <2.0                  | <2.0                  | 2.5                  | <2.0                 | <2.0                 | 2.4                   |
| perfluorononanoic acid (PFNA)                  | NS                                     | <2.0                  | <2.0                  | 2.2                | <2.0               | <2.0               | <2.0             | -                | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | <2.0                  | <2.0                  | 15                 | <2.0               | <2.0               | 6.2              | -                | 3.0                   | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| perfluorooctanoic acid (PFOA)                  | NS                                     | <2.0                  | <2.0                  | 34                 | <2.0               | <2.0               | <2.0             | -                | <2.0                  | <2.0                  | <2.0                  | <2.0                 | <2.0                 | <2.0                 | <2.0                  |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | ND                    | ND                    | 69                 | ND                 | ND                 | 38               | -                | 9.6                   | ND                    | ND                    | 2.5                  | ND                   | ND                   | 2.4                   |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | ND                    | ND                    | 84                 | ND                 | ND                 | 48               | -                | 12.0                  | ND                    | ND                    | 2.5                  | ND                   | ND                   | 2.4                   |

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Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

| X                                              |                                        |                       |                       |                  |                   |                       |                       |                       |                   |                   |                   |                    |                   |                   | X          |
|------------------------------------------------|----------------------------------------|-----------------------|-----------------------|------------------|-------------------|-----------------------|-----------------------|-----------------------|-------------------|-------------------|-------------------|--------------------|-------------------|-------------------|------------|
| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | 5 Prospect<br>St. MID | 5 Prospect<br>St. EFF | 7 Prospect<br>St | 11 Prospect<br>St | 11 Prospect<br>Rd INF | 11 Prospect<br>Rd MID | 11 Prospect<br>Rd EFF | 16 Prospect<br>St | 17 Prospect<br>St | 18 Prospect<br>St | 21 Prospect<br>St. | 26 Prospect<br>St | 41 Prospect<br>St | TB         |
| Sample Date                                    |                                        | 2/7/20                | 2/7/20                | 12/9/19          | 1/8/20            | 2/20/20               | 2/20/20               | 2/20/20               | 1/22/20           | 1/8/20            | 1/8/20            | 2/5/20             | 2/6/20            | 5/15/20           | 5/15/20    |
| Lab Sample ID                                  |                                        | 20B0428-02            | 20B0428-03            | 19L0552-01       | 20A0417-01        | 20B0953-01            | 20B0953-02            | 20B0953-03            | 20A1072-01        | 20A0422-01        | 20A0420-01        | 20B0263-01         | 20B0266-01        | 20E0749-01        | 20E0749-02 |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                       |                       |                  |                   |                       |                       |                       |                   |                   |                   |                    |                   |                   |            |
| Diesel/#2 Fuel                                 | NS                                     | -                     | -                     | -                | -                 | -                     | -                     | -                     | -                 | -                 | -                 | -                  | -                 | -                 | -          |
| <b>General Chemistry (mg/l)</b>                |                                        |                       |                       |                  |                   |                       |                       |                       |                   |                   |                   |                    |                   |                   |            |
| Hardness (as CaCO3)                            | NS                                     | -                     | -                     | -                | -                 | -                     | -                     | -                     | -                 | -                 | -                 | -                  | -                 | -                 | -          |
| Solids (Total Dissolved)                       | NS                                     | -                     | -                     | -                | -                 | -                     | -                     | -                     | -                 | -                 | -                 | -                  | -                 | -                 | -          |
| Chloride                                       | NS                                     | -                     | -                     | -                | -                 | -                     | -                     | -                     | -                 | -                 | -                 | -                  | -                 | -                 | -          |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                       |                       |                  |                   |                       |                       |                       |                   |                   |                   |                    |                   |                   |            |
| Arsenic                                        | NS                                     | -                     | -                     | -                | -                 | -                     | -                     | -                     | -                 | -                 | -                 | -                  | -                 | -                 | -          |
| Manganese                                      | NS                                     | -                     | -                     | -                | -                 | -                     | -                     | -                     | -                 | -                 | -                 | -                  | -                 | -                 | -          |
| Sodium                                         | NS                                     | -                     | -                     | -                | -                 | -                     | -                     | -                     | -                 | -                 | -                 | -                  | -                 | -                 | -          |
| Iron                                           | NS                                     | -                     | -                     | -                | -                 | -                     | -                     | -                     | -                 | -                 | -                 | -                  | -                 | -                 | -          |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                       |                       |                  |                   |                       |                       |                       |                   |                   |                   |                    |                   |                   |            |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | <2.0                  | <2.0                  | <2.0             | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | <2.0                  | <2.0                  | <2.0             | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | <2.0                  | <2.0                  | <2.0             | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | <2.0                  | <2.0                  | <2.0             | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| N-EtFOSAA                                      | NS                                     | <2.0                  | <2.0                  | <2.0             | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| N-MeFOSAA                                      | NS                                     | <2.0                  | <2.0                  | <2.0             | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | <2.0                  | <2.0                  | 3.1              | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | <2.0                  | <2.0                  | <2.0             | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | <2.0                  | <2.0                  | <2.0             | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | <2.0                  | <2.0                  | <2.0             | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| Perfluorotridecanoic acid (PFTTrDA)            | NS                                     | <2.0                  | <2.0                  | <2.0             | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | <2.0                  | <2.0                  | <2.0             | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| <b>PFAS - Regulated (ng/L)</b>                 |                                        |                       |                       |                  |                   |                       |                       |                       |                   |                   |                   |                    |                   |                   |            |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | <2.0                  | <2.0                  | <2.0             | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | <2.0                  | <2.0                  | <2.0             | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | <2.0                  | <2.0                  | 8.8              | 2.1               | 3.3                   | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| perfluorononanoic acid (PFNA)                  | NS                                     | <2.0                  | <2.0                  | <2.0             | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | <2.0                  | <2.0                  | 4.5              | 2.3               | 2.5                   | <2.0                  | <2.0                  | <2.0              | 2.8               | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| perfluorooctanoic acid (PFOA)                  | NS                                     | <2.0                  | <2.0                  | <2.0             | <2.0              | <2.0                  | <2.0                  | <2.0                  | <2.0              | <2.0              | <2.0              | <2.0               | <2.0              | <2.0              | <2.0       |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | ND                    | ND                    | 13.3             | 4.4               | 5.8                   | ND                    | ND                    | ND                | 2.8               | ND                | ND                 | ND                | ND                | ND         |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | ND                    | ND                    | 16.4             | 4.4               | 5.8                   | ND                    | ND                    | ND                | 2.8               | ND                | ND                 | ND                | ND                | ND         |

mg/l - milligrams per liter  
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ng/l - nanograms per liter  
MCP - Massachusetts Contingency Plan  
MMCL is Massachusetts Maximun Containment Level  
PFAS - Per- and Polyfluoroalkyl substances  
NS - No Standard  
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Bold and boxed values indicate exceedances of criteria

TABLE 1  
PFAS Drinking Water Summary  
Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

|                                                                 |                                        | X               |                 |                 |                  |                  |                  |                     |                  | X                      |                  | X                  |                           |                           |             |
|-----------------------------------------------------------------|----------------------------------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|---------------------|------------------|------------------------|------------------|--------------------|---------------------------|---------------------------|-------------|
| Sample ID                                                       | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | 2 Radford<br>Rd | 7 Radford<br>Rd | 8 Radford<br>Rd | 11 Radford<br>Rd | 12 Radford<br>Rd | 13 Radford<br>Rd | 28<br>Radford<br>Rd | 29<br>Radford Rd | 29<br>Radford Rd<br>FB | 33 RadFord<br>Rd | 37 Radford<br>Road | 18 Sterling<br>Road (LAV) | 18 Sterling<br>Road (LAV) | Field Blank |
| Sample Date                                                     |                                        | 2/19/20         | 2/28/20         | 2/28/20         | 2/14/20          | 5/1/20           | 3/4/20           | 1/30/20             | 3/17/20          | 3/17/20                | 5/29/20          | 4/28/20            | 3/29/20                   | 3/29/20                   | 3/29/20     |
| Lab Sample ID                                                   |                                        | 20B0954-01      | 20C0014-01      | 20C0015-01      | 20B0847-01       | 20E0115-01       | 20C0327-01       | 20A1380-01          | 20C0970-01       | 20C0970-01             | 20F0099-01       | 20E0034-01         | 20C1338-01                | 20C1338-02                | 20C1338-03  |
| <b>Hydrocarbon (mg/l)</b><br>Diesel/#2 Fuel                     | NS                                     | -               | -               | -               | -                | -                | -                | -                   | -                | -                      | -                | -                  | -                         | -                         | -           |
| <b>General Chemistry (mg/l)</b><br>Hardness (as CaCO3)          | NS                                     | -               | -               | -               | -                | -                | -                | -                   | -                | -                      | -                | -                  | -                         | 100                       | -           |
| Solids (Total Dissolved)                                        | NS                                     | -               | -               | -               | -                | -                | -                | -                   | -                | -                      | -                | -                  | -                         | -                         | -           |
| Chloride                                                        | NS                                     | -               | -               | -               | -                | -                | -                | -                   | -                | -                      | -                | -                  | -                         | 1.3                       | -           |
| <b>Metals 6010 (ug/l)</b><br>Arsenic                            | NS                                     | -               | -               | -               | -                | -                | -                | -                   | -                | -                      | -                | -                  | -                         | -                         | -           |
| Manganese                                                       | NS                                     | -               | -               | -               | -                | -                | -                | -                   | -                | -                      | -                | -                  | -                         | <10                       | -           |
| Sodium                                                          | NS                                     | -               | -               | -               | -                | -                | -                | -                   | -                | -                      | -                | -                  | -                         | 5700                      | -           |
| Iron                                                            | NS                                     | -               | -               | -               | -                | -                | -                | -                   | -                | -                      | -                | -                  | -                         | <50                       | -           |
| <b>PFAS - Unregulated (ng/L)</b><br>11CI-PF3OUdS (F53B Major)   | NS                                     | <2.0            | <2.0            | <2.0            | <2.0             | <2.0             | <2.0             | <2.0                | <2.0             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| 9CI-PF3ONS (F53B Minor)                                         | NS                                     | <2.0            | <2.0            | <2.0            | <2.0             | <2.0             | <2.0             | <2.0                | <2.0             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)                     | NS                                     | <2.0            | <2.0            | <2.0            | <2.0             | <2.0             | <2.0             | <2.0                | <2.0             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| Hexafluoropropylene oxide dimer acid (HFPO-DA)                  | NS                                     | <2.0            | <2.0            | <2.0            | <2.0             | <2.0             | <2.0             | <2.0                | <2.0             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| N-EtFOSAA                                                       | NS                                     | <2.0            | <2.0            | <2.0            | <2.0             | <2.0             | <2.0             | <2.0                | <2.0             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| N-MeFOSAA                                                       | NS                                     | <2.0            | <2.0            | <2.0            | <2.0             | <2.0             | <2.0             | <2.0                | <2.0             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| perfluorobutanesulfonic acid (PFBS)                             | NS                                     | <2.0            | <2.0            | <2.0            | <2.0             | <2.0             | <2.0             | 2.1                 | <2.0             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| Perfluorododecanoic acid (PFDoA)                                | NS                                     | <2.0            | <2.0            | <2.0            | <2.0             | <2.0             | <2.0             | <2.0                | <2.0             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| Perfluorohexanoic acid (PFHxA)                                  | NS                                     | <2.0            | <2.0            | <2.0            | <2.0             | 2.4              | <2.0             | <2.0                | <2.0             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| Perfluorotetradecanoic acid (PFTA)                              | NS                                     | <2.0            | <2.0            | <2.0            | <2.0             | <2.0             | <2.0             | <2.0                | <2.0             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| Perfluorotridecanoic acid (PFTrDA)                              | NS                                     | <2.0            | <2.0            | <2.0            | <2.0             | <2.0             | <2.0             | <2.0                | <2.0             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| Perfluoroundecanoic acid (PFUnA)                                | NS                                     | <2.0            | <2.0            | <2.0            | <2.0             | <2.0             | <2.0             | <2.0                | <2.0             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| <b>PFAS - Regulated (ng/L)</b><br>Perfluorodecanoic acid (PFDA) | NS                                     | <2.0            | <2.0            | <2.0            | <2.0             | <2.0             | <2.0             | <2.0                | <2.0             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| perfluoroheptanoic acid (PFHpA)                                 | NS                                     | <2.0            | <2.0            | <2.0            | <2.0             | 3.2              | <2.0             | <2.0                | <2.0             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| perfluorohexanesulfonic acid (PFHxS)                            | NS                                     | <2.0            | <2.0            | <2.0            | <2.0             | <2.0             | <2.0             | 2.7                 | <2.0             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| perfluorononanoic acid (PFNA)                                   | NS                                     | <2.0            | <2.0            | <2.0            | <2.0             | <2.0             | <2.0             | <2.0                | <2.0             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| perfluorooctanesulfonic acid (PFOS)                             | NS                                     | <2.0            | 2.3             | 2.5             | 2.3              | 8.3              | <2.0             | 7.0                 | 3.50             | <2.0                   | <2.0             | 2.1                | <2.0                      | -                         | <2.0        |
| perfluorooctanoic acid (PFOA)                                   | NS                                     | <2.0            | <2.0            | 3.9             | 2.7              | 11               | <2.0             | 5.4                 | 3.20             | <2.0                   | <2.0             | <2.0               | <2.0                      | -                         | <2.0        |
| <b>Total Regulated PFAS (ng/L)</b>                              | 20                                     | ND              | 2.3             | 6.4             | 5.0              | 22.0             | ND               | 15.1                | 6.7              | ND                     | ND               | 2.1                | ND                        | -                         | ND          |
| <b>Total PFAS (ng/L)</b>                                        | NS                                     | ND              | 2.3             | 6.4             | 5.0              | 25.0             | ND               | 17.2                | 6.7              | ND                     | ND               | 2.1                | ND                        | -                         | ND          |

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Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | 1 Worcester<br>Rd | 1 Worcester<br>Rd | TB-06112020 | 10<br>Worcester<br>Rd | 10<br>Worcester<br>Rd | 15<br>Worcester<br>Rd. | 16<br>Worcester<br>Rd. | 17<br>Worcester<br>Rd. | 20<br>Worcester<br>Rd. | 23<br>Worcester<br>Rd. | MW-10A     | MW-10A     | MW-10D     | MW-10D     |
|------------------------------------------------|----------------------------------------|-------------------|-------------------|-------------|-----------------------|-----------------------|------------------------|------------------------|------------------------|------------------------|------------------------|------------|------------|------------|------------|
| Sample Date                                    |                                        | 1/7/20            | 6/11/20           | 6/11/20     | 1/9/20                | 6/11/20               | 3/6/20                 | 2/5/20                 | 2/10/20                | 3/17/20                | 2/5/20                 | 1/2/20     | 1/2/20     | 1/2/20     | 1/2/20     |
| Lab Sample ID                                  |                                        | 20A0414-01        | 20F0736-01        | 20F0736-02  | 20A0412-01            | 20F0738-01            | 20C0328-01             | 20B0264-01             | 20B0431-01             | 20C0971-01             | 20B0265-01             | 20A0099-03 | 20A0105-03 | 20A0099-01 | 20A0105-01 |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |                   |                   |             |                       |                       |                        |                        |                        |                        |                        |            |            |            |            |
| Diesel/#2 Fuel                                 | NS                                     | -                 | -                 | -           | -                     | -                     | -                      | -                      | -                      | -                      | -                      | 0.23       | -          | 0.49       | -          |
| <b>General Chemistry (mg/l)</b>                |                                        |                   |                   |             |                       |                       |                        |                        |                        |                        |                        |            |            |            |            |
| Hardness (as CaCO3)                            | NS                                     | -                 | -                 | -           | -                     | -                     | -                      | -                      | -                      | -                      | -                      | -          | -          | -          | -          |
| Solids (Total Dissolved)                       | NS                                     | -                 | -                 | -           | -                     | -                     | -                      | -                      | -                      | -                      | -                      | -          | -          | -          | -          |
| Chloride                                       | NS                                     | -                 | -                 | -           | -                     | -                     | -                      | -                      | -                      | -                      | -                      | -          | -          | -          | -          |
| <b>Metals 6010 (ug/l)</b>                      |                                        |                   |                   |             |                       |                       |                        |                        |                        |                        |                        |            |            |            |            |
| Arsenic                                        | NS                                     | -                 | -                 | -           | -                     | -                     | -                      | -                      | -                      | -                      | -                      | -          | -          | -          | -          |
| Manganese                                      | NS                                     | -                 | -                 | -           | -                     | -                     | -                      | -                      | -                      | -                      | -                      | -          | -          | -          | -          |
| Sodium                                         | NS                                     | -                 | -                 | -           | -                     | -                     | -                      | -                      | -                      | -                      | -                      | -          | -          | -          | -          |
| Iron                                           | NS                                     | -                 | -                 | -           | -                     | -                     | -                      | -                      | -                      | -                      | -                      | -          | -          | -          | -          |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |                   |                   |             |                       |                       |                        |                        |                        |                        |                        |            |            |            |            |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | <2.0              | <2.0              | <2.0        | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | <2.0       | -          | <2.0       |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | <2.0              | <2.0              | <2.0        | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | <2.0       | -          | <2.0       |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | <2.0              | <2.0              | <2.0        | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | <2.0       | -          | <2.0       |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | <2.0              | <2.0              | <2.0        | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | <2.0       | -          | <2.0       |
| N-EtFOSAA                                      | NS                                     | <2.0              | <2.0              | <2.0        | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | <2.0       | -          | <2.0       |
| N-MeFOSAA                                      | NS                                     | <2.0              | <2.0              | <2.0        | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | <2.0       | -          | <2.0       |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | <2.0              | <2.0              | <2.0        | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | 5.3        | -          | 7.2        |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | <2.0              | <2.0              | <2.0        | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | <2.0       | -          | <2.0       |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | <2.0              | <2.0              | <2.0        | 3.8                   | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | 4.1        | -          | 3.6        |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | <2.0              | <2.0              | <2.0        | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | <2.0       | -          | <2.0       |
| Perfluorotridecanoic acid (PFTTrDA)            | NS                                     | <2.0              | <2.0              | <2.0        | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | <2.0       | -          | <2.0       |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | <2.0              | <2.0              | <2.0        | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | <2.0       | -          | <2.0       |
| <b>PFAS - Regulated (ng/L)</b>                 |                                        |                   |                   |             |                       |                       |                        |                        |                        |                        |                        |            |            |            |            |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | <2.0              | <2.0              | <2.0        | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | <2.0       | -          | <2.0       |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | <2.0              | <2.0              | <2.0        | 8.0                   | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | 2.1        | -          | 3.3        |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | <2.0              | <2.0              | <2.0        | <2.0                  | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | 22         | -          | 39         |
| perfluorononanoic acid (PFNA)                  | NS                                     | <2.0              | <2.0              | <2.0        | 2.7                   | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | <2.0       | -          | <2.0       |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | <2.0              | <2.0              | <2.0        | 2.3                   | <2.0                  | <2.0                   | <2.0                   | <2.0                   | <2.0                   | <2.0                   | -          | 4.0        | -          | 28         |
| perfluorooctanoic acid (PFOA)                  | NS                                     | <2.0              | 2.5               | <2.0        | 3.6                   | 3                     | 3.1                    | 2.2                    | <2.0                   | <2.0                   | <2.0                   | -          | 4.5        | -          | 8.6        |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | ND                | 2.5               | ND          | 16.6                  | 3                     | 3.1                    | 2.2                    | ND                     | ND                     | ND                     | -          | 33         | -          | 79         |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | ND                | 2.5               | ND          | 20.4                  | 3                     | 3.1                    | 2.2                    | ND                     | ND                     | ND                     | -          | 42         | -          | 90         |

mg/l - milligrams per liter  
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TABLE 1  
PFAS Drinking Water Summary  
Princeton, Massachusetts  
RTN 2-21072  
Last Updated: 06/23/2020

| Sample ID                                      | MassDEP MCP<br>GW-1 &<br>Proposed MMCL | MW-14      | MW-14      | MW-18R     | MW-18R     | Field Blank | TB-<br>12052019 | TB-<br>12092019 | TB-<br>01022020 | TB-<br>01102020 | TB-<br>01172020 | TB-<br>01212020 | TB-<br>01272020 | TB-<br>01312020 |
|------------------------------------------------|----------------------------------------|------------|------------|------------|------------|-------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Sample Date                                    |                                        | 1/2/20     | 1/2/20     | 1/2/20     | 1/2/20     | 1/2/20      | 12/5/19         | 12/12/19        | 1/2/20          | 1/14/20         | 1/22/20         | 1/24/20         | 1/27/20         | 1/31/20         |
| Lab Sample ID                                  |                                        | 20A0099-02 | 20A0105-02 | 20A0099-04 | 20A0105-04 | 20A0105-05  | 19L0335-01      | 19L0552-02      | 20A0105-06      | 20A0583-01      | 20A0981-05      | 20A1171-05      | 20A1148-02      | 20B0057-04      |
| <b>Hydrocarbon (mg/l)</b>                      |                                        |            |            |            |            |             |                 |                 |                 |                 |                 |                 |                 |                 |
| Diesel/#2 Fuel                                 | NS                                     | <0.20      | -          | 0.62       | -          | -           | -               | -               | -               | -               | -               | -               | -               | -               |
| <b>General Chemistry (mg/l)</b>                |                                        |            |            |            |            |             |                 |                 |                 |                 |                 |                 |                 |                 |
| Hardness (as CaCO3)                            | NS                                     | -          | -          | -          | -          | -           | -               | -               | -               | -               | -               | -               | -               | -               |
| Solids (Total Dissolved)                       | NS                                     | -          | -          | -          | -          | -           | -               | -               | -               | -               | -               | -               | -               | -               |
| Chloride                                       | NS                                     | -          | -          | -          | -          | -           | -               | -               | -               | -               | -               | -               | -               | -               |
| <b>Metals 6010 (ug/l)</b>                      |                                        |            |            |            |            |             |                 |                 |                 |                 |                 |                 |                 |                 |
| Arsenic                                        | NS                                     | -          | -          | -          | -          | -           | -               | -               | -               | -               | -               | -               | -               | -               |
| Manganese                                      | NS                                     | -          | -          | -          | -          | -           | -               | -               | -               | -               | -               | -               | -               | -               |
| Sodium                                         | NS                                     | -          | -          | -          | -          | -           | -               | -               | -               | -               | -               | -               | -               | -               |
| Iron                                           | NS                                     | -          | -          | -          | -          | -           | -               | -               | -               | -               | -               | -               | -               | -               |
| <b>PFAS - Unregulated (ng/L)</b>               |                                        |            |            |            |            |             |                 |                 |                 |                 |                 |                 |                 |                 |
| 11CI-PF3OUdS (F53B Major)                      | NS                                     | -          | <2.0       | -          | <2.0       | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| 9CI-PF3ONS (F53B Minor)                        | NS                                     | -          | <2.0       | -          | <2.0       | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| 4,8-dioxa-3H-perfluorononanoic acid (ADONA)    | NS                                     | -          | <2.0       | -          | <2.0       | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| Hexafluoropropylene oxide dimer acid (HFPO-DA) | NS                                     | -          | <2.0       | -          | <2.0       | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| N-EtFOSAA                                      | NS                                     | -          | <2.0       | -          | <2.0       | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| N-MeFOSAA                                      | NS                                     | -          | <2.0       | -          | <2.0       | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| perfluorobutanesulfonic acid (PFBS)            | NS                                     | -          | <b>21</b>  | -          | <b>3.9</b> | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| Perfluorododecanoic acid (PFDoA)               | NS                                     | -          | <2.0       | -          | <2.0       | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| Perfluorohexanoic acid (PFHxA)                 | NS                                     | -          | <b>2.1</b> | -          | <b>2.8</b> | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| Perfluorotetradecanoic acid (PFTA)             | NS                                     | -          | <2.0       | -          | <2.0       | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| Perfluorotridecanoic acid (PFTTrDA)            | NS                                     | -          | <2.0       | -          | <2.0       | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| Perfluoroundecanoic acid (PFUnA)               | NS                                     | -          | <2.0       | -          | <2.0       | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| <b>PFAS - Regulated (ng/L)</b>                 |                                        |            |            |            |            |             |                 |                 |                 |                 |                 |                 |                 |                 |
| Perfluorodecanoic acid (PFDA)                  | NS                                     | -          | <2.0       | -          | <2.0       | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| perfluoroheptanoic acid (PFHpA)                | NS                                     | -          | <2.0       | -          | <b>2.1</b> | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| perfluorohexanesulfonic acid (PFHxS)           | NS                                     | -          | <b>200</b> | -          | <b>17</b>  | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| perfluorononanoic acid (PFNA)                  | NS                                     | -          | <2.0       | -          | <2.0       | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| perfluorooctanesulfonic acid (PFOS)            | NS                                     | -          | <b>140</b> | -          | <b>7.0</b> | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| perfluorooctanoic acid (PFOA)                  | NS                                     | -          | <b>6.5</b> | -          | <b>3.1</b> | <2.0        | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            | <2.0            |
| <b>Total Regulated PFAS (ng/L)</b>             | 20                                     | -          | <b>347</b> | -          | <b>29</b>  | ND          | ND              | ND              | ND              | ND              | ND              | ND              | ND              | ND              |
| <b>Total PFAS (ng/L)</b>                       | NS                                     | -          | <b>370</b> | -          | <b>36</b>  | ND          | ND              | ND              | ND              | ND              | ND              | ND              | ND              | ND              |

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