P-0534023

September 8, 2023

Mr. Timothy Maus
Massachusetts Department of Environmental Protection
8 New Bond Street
Worcester, MA 01606

Re: IRA Status Report No. 8
6 Town Hall Drive, Princeton
RTN 2-21072

Dear Mr. Maus:

On behalf of the Town of Princeton (the "Town"), Tighe & Bond has prepared this Immediate Response Action (IRA) Status Report for response actions that commenced after the Massachusetts Department of Environmental Protection (MassDEP) sent a Notice of Responsibility (NOR) to the Town dated November 25, 2019, in response to the reported detection of per- and polyfluoroalkyl substances (collectively known as PFAS) in the drinking water well that serves the Princeton Town Hall campus at 6 Town Hall Drive in Princeton ("the Site").

The Site previously was identified as a disposal site for a release of fuel oil from underground storage tanks (UST) removed in 1987 that has been the subject of response actions conducted under Release Tracking Number (RTN) 2-11327. In May 2019, the Town and MassDEP entered into Administrative Consent Order ACO-CE-19-5D00006872 (ACO) to address the Town's obligations for the Public Water Supply (PWS) being operated at the Site. In accordance with Section 8(C)(vii) of the ACO, drinking water samples from the PWS well were collected by the Town's PWS operator on September 5, 2019, and September 27, 2019. These sample results identified PFAS6 concentrations of 127 and 102 nanograms/liter (ng/L), respectively. At that time, MassDEP's drinking water guideline was 70 ng/L, and MassDEP's proposed Maximum Contaminant Level (MCL) for PFAS in public water supply wells was proposed to be 20 ng/L for PFAS6.

The PWS sampling results were reported by the Town's PWS operator to MassDEP's Division of Water Supply, which reportedly informed MassDEP's Bureau of Waste Site Cleanup (BWSC) staff of the results. Subsequently, MassDEP's BWSC staff contacted Jeffrey Arps of Tighe & Bond, as the LSP of record for RTN 2-11327, to suggest that action should be taken to address the results under the Massachusetts Contingency Plan (MCP). On November 4, 2019, on behalf of the Town of Princeton, Tighe & Bond verbally notified MassDEP of these drinking water sample results as a 2-hour reporting condition, although the MCP at 310 CMR 40.0317(11) states that releases of oil and/or hazardous material in groundwater detected through sampling conducted by PWS owners or operators under 310 CMR 22.00: Drinking Water, as indicated by the presence of oil and/or hazardous material in a PWS source, are exempt from the notification requirements in the MCP.

On November 4, 2019, MassDEP assigned RTN 2-21072 to the notification and modified the release to a 72-hour Substantial Release Migration (SRM) condition under 310 CMR 40.0313(4)(d). Under the MCP, the requirement to provide notification for an SRM condition is triggered when a release to groundwater is detected in a PWS well, where that condition is associated with a release for which notification otherwise is or has at any time in the past been required under the MCP. Although the presence of PFAS in the PWS well at the Site was not identified as a condition associated with a release for which notification is or has at any

time in the past been required under the MCP, the NOR sent to the Town by MassDEP states: "The detection of PFAS in the public drinking water supply well from a release at the Site constitutes a condition of SRM." Despite the absence of a connection between a release at the Site and detection of PFAS in the PWS well, the Town proceeded to develop an IRA plan to address the detection of PFAS in the PWS well.

Under 310 CMR 40.0414(3), IRAs are presumed to require elimination and/or mitigation of a Critical Exposure Pathway (CEP), which in this instance would include routes by which PFAS may be transported to human receptors by ingestion of "measurable concentrations" of PFAS from drinking water supply wells located at and servicing a pre-school, daycare, school or occupied residential dwelling. Given the proximity of residences served by private wells in the vicinity of the Site, the IRA plan included steps to investigate the presence of PFAS in private wells and, if measurable concentrations were detected, to mitigate the potential for ingestion of PFAS.

The activities described herein include immediate response actions completed since the submittal of IRA Status Report No. 7 on March 7, 2023.

A Site Locus Map (Figure 1), Priority Resource Map (Figure 2), and Site Radius Map (Figure 3) showing private well locations and their respective PFAS6 compliance status are included in Appendix A for reference. A complete summary of all potable well results collected to date is presented in Table 1, included in Appendix B.

Status of Immediate Response Actions

Potable Well Sampling

Potable wells are currently sampled on a semi-annual basis. This includes influent samples from all locations with single and dual-vessel POET systems. All potable wells within the current disposal site boundary have been sampled, with the exception of 31 Prospect Street, which is a vacant and condemned property, and 30 Worcester Road. The original request for access letter was sent by the Town of Princeton to the owners of 30 Worcester Road on May 23, 2022. Since that time, we have received no response from the property owner, despite visits during sampling events and leaving flyers. We will continue to pursue access to this property during the October 2023 semi-annual sampling round.

This IRA status report included semi-annual sampling of 79 private wells, which was completed in April/May 2023, quarterly monitoring of 32 POET systems in July/August 2023, and the collection of potable well samples from three new properties on upper Mountain Road. The laboratory data for all potable well results collected to date are summarized in Table 1, in Appendix B. The laboratory reports and individual notification letters for the April/May semi-annual sampling round are included in Appendix C. Notification Letters for the July/August 2023 are in the process of being prepared and will be included in a future submittal.

The next semi-annual sampling round will be completed in late October 2023.

Expansion of Private Well Sampling Radius (Upper Mountain Road)

During the April 2023 semi-annual sampling round, PFOA was detected in the potable well sample collected from 105 Merriam Road at a level below the MCL, while this property was previously non-detect for PFAS6. Due to the new detection at this location the sample radius was expanded 500 feet from the property. The Radius Map (Figure 3) was updated to reflect the detection at 105 Merriam Road, which captured three new properties (104 Merriam Road, 92 and 97 Mountain Road).

Potable water samples were collected from these three properties during the July/August 2023 sampling round. Based on those results PFAS6 was not detected above laboratory reporting limits in the samples collected from 97 Mountain Road and 104 Merriam Road. PFOS was detected at a concentration of 2.6 ng/L in the potable well sample collected from 92 Mountain Road. The owner was informed of the detection and bottled water is being provided until a single-vessel POET system is installed by the Town of Princeton. MassDEP was notified of this detection by email on August 23, 2023.

With the detection of PFOS at 92 Mountain Road, the sample radius was expanded 500 feet from this location. The radius expansion only captures one additional property, which is identified as 108 Mountain Road. 108 Mountain Road will be sampled for PFAS pending a request for access letter sent by the Town.

Additional Properties Outside of Radius

During an April 2023 public information meeting conducted by the Select Board, questions were was raised over DEP's requirement for additional sampling when the 500-ft radius from a detection falls within a larger land parcel and the adjacent lot is captured by the radius but the well on the adjacent lot is not. Based on subsequent discussions, the Town Select Board decided to expand the sampling criteria beyond MassDEP's requirements to include parcels that abut a parcel with a detection, even if the house/well are more than 500 feet from the lot with the detection. These expanded criteria resulted in six additional properties to be sampled.

- 25 Thompson Road
- 91A Hubbardston Road
- 36, 43, and 44 Merriam Road
- 11 East Princeton Road

Request for Access letters were sent to property owners at the above locations by the Town on August 10, 2023. To date, samples were collected at 25 Thompson Road, 91A Hubbardston Road, and 11 East Princeton Road, and the results are pending laboratory analysis. The results of the samples collected from the six new locations will be reported in the next IRA Status report in March 2024.

Table E-1, included in Appendix E, provides a summary of the dates that samples were collected, the notification letter due dates and the MassDEP submittal status. Notification letters for the April/May 2023 sampling round are also included in Appendix E.

Point-of-Entry Treatment System Status

POET systems are required for all locations with PFAS6 concentrations exceeding 20 ng/L. To date, 32 locations have been identified as requiring treatment for this reason and POET systems have been installed at each of these locations.

A summary table of the POET systems installed to date is provided in Table E-2 of Appendix E, for reference.

14 Mountain Road

The Princeton First Congregational Church is located at 14 Mountain Road and the water supply well for the church is registered as a transient non-community public water supply (PWS No. 2241006). As such, MassDEP approval is required prior to the installation of a POET system. A permit application for system modification was submitted to MassDEP on April 22, 2021. Approval for the designed system was received on July 2, 2021, and specified the installation of two 6-cubic foot capacity granular activated carbon vessels for the treatment

of PFAS6. System installation was deferred while the Town and the church coordinated an access agreement. The system was installed in December 2022 but could not operate without creating a high-pressure condition.

Due to excessive pressure from the well pump, the restriction of flow from the system's original flow of 7.5 gallons-per-minute (gpm) to the design flow of 5 gpm resulted in an unsafe high-pressure condition. Following an evaluation of potential mitigation measures, it was determined that a second pressure tank installed ahead of the carbon vessels would provide pressure relief until the pressure switch at the primary pressure tank tripped to shut off the pump. The new pressure tank was installed on March 1, 2023, and the system now operates normally. An activation inspection was completed by MassDEP on June 14, 2023, and approval to activate the treatment system was received on June 15, 2023. A copy of the approval letter is included in Appendix C, for reference. Note that this system is monitored by a third-party certified operator, working on behalf of the Congregational Church. POET monitoring completed by the church's operator indicates that the POET system is performing as intended as there were no detections in effluent samples. POET monitoring data will be included in Table 1 in Appendix B, as it becomes available. Based on POET performance, bottled water delivery has been discontinued at the church.

Quarterly POET Monitoring

In accordance with the June 21, 2021, IRA Plan Modification No. 4 Conditional Approval, quarterly POET monitoring is required for POET locations that have operated for a period of two years until carbon breakthrough is observed. As of the July 2023 sampling round, the following locations require quarterly monitoring based on the original installation dates:

- 7, 12, 16 Boylston Avenue
- 15 Gregory Hill Road
- 1, 5, 15, 39, 42, 43 Hubbardston Road
- 85 Merriam Road
- 6, 18, 19, 20, 21, 22, 29, 30, 51, 54, 58, 64 Mountain Road
- 5, 7, 11 Prospect Street
- 12, 15 Radford Road

Quarterly POET monitoring at these locations was completed in April and July 2023. The laboratory results from the sampled locations indicate that PFAS6 was not detected above laboratory reporting limits in any of the midfluent or effluent samples collected, with the exception of the midfluent sample collected from 20 Mountain Road on July 31, 2023. At this location, PFHxS was detected in the midfluent sample at 2.0 ng/L, with a reporting limit of 1.9 ng/L. Considering that the reporting limit and reported result are only 0.1 ng/L different, and that our PFAS removal tracking for this location suggests that the carbon should not be saturated, the midfluent was re-sampled to verify the detection. On August 28, 2023, the midfluent at 20 Mountain Road was resampled. Those results have confirmed the detection of PFHxS. We are currently working with the homeowner to have the primary vessel removed and replaced with the lag vessel, and a new pre-filled vessel will be installed in the secondary position, ensuring the vessel with the new GAC is the final treatment step.

The next quarterly POET monitoring sampling round will be completed in October 2023.

POET Performance

With the exception of 20 Mountain Road (discussed above), monitoring of midfluent and effluent samples has not detected breakthrough of the primary carbon vessel at any other two-vessel POETs during this reporting period.

Voluntary POET System Installations

As reported in IRA Status Report No. 7, on November 17, 2021, during a special town meeting, the town voted to appropriate funds to be made available to install POETs in place of providing bottled water at locations with PFAS6 concentrations below the MCL of 20 ng/L. To date the town's contractor has installed 38 single vessel POETs at the following locations:

- 12, 20, and 33 Allen Hill Road
- 13, 30, 32, 38, and 40 Boylston Avenue
- 6 Connor Lane
- 11 and 13 Gregory Hill Road
- 19, 33, 36, 44, 46, 48, and 73 Hubbardston Road
- 57 Merriam Road
- 2, 10, 33, and 38 Mountain Road
- 17 Prospect Street
- 7, 8, 11, 18, 23, 28, 29, and 37 Radford Road
- 1, 10, 17, 23, 25, and 27 Worcester Road

The current monitoring program for these POETs is to sample the effluent of each newly installed POET for PFAS within the first month of operation, and if the system is shown to effectively remove PFAS, bottled water will be discontinued. Considering the low influent concentrations and the performance of the GAC at other locations with much higher influent concentrations, the GAC is expected to last for many years. A monitoring program for these POETs will be developed based on the breakthrough observed at the two-vessel systems, i.e., once breakthrough at more of the two-vessel systems occurs and a sufficient data set is available to develop a conservative monitoring program.

Tighe & Bond has sampled all locations where single vessel POETs were installed. Based on laboratory results, PFAS has not been detected in any of the effluent samples collected to date. The status of POETs installed at locations with PFAS6 below the MCL of 20 ng/L is summarized in Table C-3 included in Appendix C.

With the recent detection of PFOS at 92 Mountain Road, the installation of a single vessel POET is currently being scheduled. A summary table of the single-vessel POET systems installed to date is provided in Table E-3 of Appendix E, for reference.

Town Hall Campus Potable Well Quarterly Sampling

McClure Engineering of Charlton, Massachusetts is the new licensed operator for the Town Hall well. As reported in the June 2022 Quarterly Status Report, the PFAS treatment system for this well was installed on March 9, 2022. Formal MassDEP approval to use the well was received on April 14, 2022.

McClure provided the results of quarterly POET monitoring for midfluent and effluent samples collected on July 18, 2023. PFAS was not detected in those samples above the laboratory reporting limit. No additional PFAS results were available from McClure for this IRA status report. Laboratory results for the Town Hall well are summarized in Table 1, included in Appendix B. The laboratory report, provided by McClure, is included in Appendix D. The influent will be sampled by Tighe & Bond during the October semiannual sampling event and quarterly thereafter. McLure will be responsible for quarterly monitoring of the POET system.

Quarterly Stormwater Sampling

In accordance with the IRA Plan Modification No. 3 Conditional Approval dated February 2, 2021, seasonal stormwater sampling was required near 41 Prospect Street and 30 Mountain Road. Our June 2022, Quarterly Status Report included a request for an IRA Modification to

discontinue stormwater sampling at 41 Prospect Street, as analysis of samples collected from that location did not have PFAS detections in any of the previous samples collected. This modification was verbally approved by MassDEP.

For reference, the runoff sample location is shown on Figure 3, included in Appendix A. Stormwater laboratory data collected to date is summarized in Table 3, included in Appendix B. The laboratory report for the stormwater samples collected at 30 Mountain Road on April 23, 2023, is included in Appendix D.

Stormwater Drainage System Assessment

As reported in IRA Status Report No. 7, a camera was used to assess the condition of the pipe at 30 Mountain Road and to identify its origin. Based on those activities, it was determined that the 6-inch diameter pipe is constructed of sections of clay, cast iron and perforated PVC pipe and is connected to a sump in the basement of the fire-damaged home at the 30 Mountain Road property, with no lateral connections observed entering the pipe. The perforated PVC section is located outside near the foundation of the structure, presumably to drain water that accumulates in that area above the bedrock face along Mountain Road. It was also determined at that time that a storm drain is present at the base of the bedrock face, which was covered and partially filled with debris. This drain is located in a grass area off the roadway to the north of the sidewalk associated with Mountain Road. The drain was uncovered and opened to observe whether there was a pipe discharge from the basin. A pipe was observed heading toward the next downhill catch basin on Mountain Road.

While the pipe is now known to be associated with the sump in the basement of the structure, the sump inlet is elevated approximately four to six inches above the concrete floor of that portion of the basement, which suggests water is not entering the sump. Tighe & Bond has not been able to assess basement conditions during heavy rain events. Water appears to be entering the perforated section of the pipe as water accumulates above the bedrock face. As referenced, the water discharging from the pipe contained PFAS6 at concentrations higher than the water flowing over the bedrock face when sampled on April 23, 2023. This is the only occasion when both the water from the pipe and the water flowing over the bedrock face were sampled at the same time. With the installation of the runoff treatment system, water from the pipe (influent) will be sampled quarterly, with the midfluent and effluent system monitoring samples.

To better understand the fate and transport of PFAS6 from stormwater originating at 30 Mountain Road (Town drawings of the storm drain system were incomplete), an assessment of the drainage systems within the disposal site boundary, which is limited to the area of lower Mountain Road, lower Hubbardston Road, Gregory Hill Road and Boylston Avenue, was completed on August 25, 2023. At that time, catch basin and manhole covers were removed to evaluate the inlet and outlets to determine the direction of flow. Where necessary, an inspection camera was used to verify the direction of the inlets and outlets.

Based on the assessment, the drain at the base of the bedrock face is connected to the stormwater drainage system beneath Mountain Road, which flows along lower Mountain Road to the intersection of Mountain Road, Hubbardston Road, Worcester Road, and Boylston Avenue. From there, stormwater from lower Hubbardston Road and Mountain Road flows east down Gregory Hill Road and into a stream near Airport Pond, which is part of the Wachusett River Watershed.

Based on the PFAS6 concentrations emanating from stormwater runoff at 30 Mountain Road and the potential for downgradient impact to soil, groundwater and surface water downhill from the discharge location, treatment of the stormwater flowing from 30 Mountain Road has been undertaken, as described below.

30 Mountain Road Pipe Discharge Treatment

To reduce the PFAS concentrations flowing from 30 Mountain Road, a treatment system has been designed to treat stormwater from the runoff discharge pipe below 30 Mountain Road. The treatment system consists of two 55-gallon Carbtrol L-1 drums containing granular activated carbon. The Town repurposed a small electronic equipment shed, which has been placed along the roadside, approximately 40 feet downhill from the discharge pipe at 30 Mountain Road. A 4-inch diameter pipe is connected to the pipe in the bedrock face and runs along the bedrock face to the shed. The 4-inch pipe reduces to 1¼-inches prior to entering the first carbon vessel. The pipe reduction is designed to increase the carbon contact time and reduce air in the system. Stormwater then flows through a second carbon vessel before flowing out of the shed to a storm drain in Mountain Road.

At the time of this report, the system has begun treating stormwater runoff; however, the Princeton Highway Department is in the process of making the final connection of the discharge pipe beneath the sidewalk along Mountain Road to the storm drain. Note that MassDEP has indicated that they consider this treatment as a part of the ongoing IRA.

To confirm the level of treatment achieved, system influent, midfluent and effluent samples will be collected during the first rain event that provides sufficient flow to generate a consistent flow rate through the system. Samples will then be collected quarterly to allow calculation of mass removal and to track the carbon loading at breakthrough. Considering the system will only treat rainwater and is not expected to be operational during January and February, this monitoring schedule is expected to be sufficient. Treated water from the system is currently being discharged to the ground surface adjacent to the treatment shed in accordance with the MCP [310 CMR 40.0045(1)].

Town Campus Groundwater Monitoring

On April 13, 2023, monitoring wells MW-6, MW-7DR, MW-10A, MW-10D, MW-14, MW-101 and MW-102 were sampled for PFAS analysis. The groundwater analytical results for the samples collected indicate PFAS6 concentrations above the Method 1 GW-1 Groundwater Standard of 20 ng/L in the samples collected from MW-6 (49 ng/L), MW-7DR (223 ng/L), MW-10A (33 ng/L), MW-14 (262 ng/L), MW-101 (246 ng/L), and MW-102 (459 ng/L).

MW-14 and MW-102 are the closest monitoring wells to 30 Mountain Road. Groundwater at MW-14 shows relatively stable PFAS6 concentrations with PFHxS and PFOS being the dominant compounds detected, which is consistent with the contaminant pattern observed in the southern portion of the disposal site and the dominant compounds in 3M AFFF. PFHxS and PFOS are also the dominant compounds detected in MW-102 and, to date, indicate a decreasing trend over time. The treatment of the runoff water from 30 Mountain Road may improve this shallow groundwater quality through the removal of PFAS from runoff water.

Groundwater monitoring wells south and west of MW-102 and MW-14 (MW-7DR and MW-101) indicate slightly lower concentrations than the previous round, which are indicative of the generally southwestern plume migration presented in our CSM.

Monitoring well locations are shown on Figure 4, included in Appendix A. Historical laboratory results and the results for the groundwater samples collected on April 13, 2023, are summarized in Table 1, included in Appendix B. The complete laboratory report is included in Appendix D.

Surface Water Sampling

On July 25, 2023, Tighe & Bond collected four surface water samples from four streams that are believed to be within/downgradient of the release area. The samples were collected from

a tributary entering Schoolhouse Pond (SW-1), a stream associated with a wetland area on Brooks Station Road (SW-2), the stream located off Gregory Hill Road near Airport Pond (SW-3) and a stream on lower Worcester Road (SW-4). The sample locations are shown of Figure 5 included in Appendix A, for reference.

Due to their chemical structure (hydrophilic head and hydrophobic tail), PFAS tend to accumulate at the water surface-air interface. As such, samples taken at the surface are likely to result in high biased results that are not representative of bulk surface water. To ensure the collection of representative surface water samples, Tighe & Bond personnel collected the surface water samples using the direct sampling method by submerging the sample container below the surface of the water. In addition, the samples were collected at least 72 hours after any rain to avoid runoff/dilution impacts, to evaluate ambient conditions. The samples were submitted to Pace Analytical in East Longmeadow, Massachusetts for PFAS analysis by isotope dilution. A field blank was also collected for quality control purposes.

The laboratory results show PFAS6 concentrations are well below the MassDEP Surface Water Benchmark Values. Since the samples were collected during ambient conditions and not after a rain event, the concentrations that were detected are expected to reflect groundwater discharge to surface water, which in turn would be expected to reflect the impact on groundwater of PFAS contained in the runoff from 30 Mountain Road and septic systems at properties in the upgradient areas.

These water bodies are considered Zone A surface water since they discharge into drinking water supplies (Quinapoxet or Wachusett Reservoirs). In accordance with the MCP at 310 CMR 40.0313(4)(e), releases to groundwater that have been or are within one year likely to be detected in a surface water body, wetland, or public water supply reservoir constitutes a Condition of Substantial Release Migration (SRM), which requires notification to MassDEP within 72 hours from the time of knowledge. Therefore, on August 17, 2023, MassDEP was notified of these data as an SRM condition. Additional surface water sampling will be completed prior to the submittal of the Phase II Comprehensive Site Assessment in November 2023.

The results of the surface water samples collected on July 25, 2023, are summarized in Table 3 in Appendix B, for reference. The July 25, 2023, surface water analytical laboratory report, in included in Appendix F.

Additional Soil Sampling

On July 11, 2023, Tighe & Bond collected additional soil samples from 18, 19, 21, and 22 Mountain Road, which are the properties downgradient of 30 Mountain Road where water with foam from AFFF was reported to have migrated during the firefighting in May 2017. The results overall were very similar to prior data from soil sampling at these properties, but with the samples from depths greater than six inches showing lower results. The full set of results of these soil samples will be presented and discussed in our November 2023 Phase II Comprehensive Site Assessment.

Remediation Waste

To date, 2 cubic feet of spent granular activated carbon has been generated. The spent carbon vessel is currently being stored in a secure location within the Town Hall Annex. Spent carbon will be accumulated until there is a sufficient volume to ship for regeneration. No other remediation waste has been generated under RTN 2-21072.

Permits

The only permits involved with this project are the permits needed to install POET systems on the public water systems at the Town Hall and the church at 14 Mountain Road. No other permits are required for the IRA activities completed to date or the proposed IRA activities planned under the modifications for RTN 2-21072. We are evaluating if an NPDES permit is required for the discharge of the treated stormwater runoff from 30 Mountain Road to the stormwater system.

Notification of Environmental Sampling Results

In accordance with the MCP at 310 CMR 40.1403(10) a Notice of Environmental Sampling is required any time environmental samples are taken at a property in the course of investigating a release for which a notification to the Department has been made on behalf of someone other than the owner of the property, within 30 days of the date the sample results are issued by the laboratory. Table E-1 in Appendix E provides a summary of the dates that laboratory reports were received, the dates when public notifications are due, and the dates when the notification letters were sent. Public notification letters sent since the submittal of the previous March 2023 IRA Status report, are also included in Appendix E.

Conceptual Site Model

Apart from potential sources of PFAS at residences in the area, such as historical discharge to septic systems of domestic water that contains PFAS, three potential sources were initially identified for evaluation in the vicinity of upper and lower Mountain Road: the use of AFFF during the firefighting efforts at 30 Mountain Road in May 2017, the reported major fire at 54 Mountain Road in 1967 where it is possible AFFF was used to fight the fire, and the reported potential use of AFFF for fire training in a small area at the Town Campus property several decades ago. It has been assumed that the surface impacts from the use of AFFF would subsequently have percolated through the overburden soils with precipitation, into bedrock groundwater.

To investigate the reported potential use of AFFF at the Town Campus, several soil samples were collected from the area of the former electrical building on the west side of the property, which was reportedly to be the potential target area for some fire training. The samples did not indicate the presence of PFAS. Therefore, this potential source is no longer considered a source of the PFAS that is being detected in the deep bedrock groundwater supplying drinking water, and it has been eliminated from the CSM.

Groundwater in deep bedrock with PFAS detections extends from the other potential source areas radially, but has migrated primarily to the south-southwest, as evidenced by PFAS detections in deep bedrock private water supply wells on properties extending in that direction. The apparent northern boundary of PFAS impacts in deep bedrock groundwater has migrated slightly north with the detections at 105 Merriam and 92 Mountain Road. 7 Thompson Road has not had PFAS detected in their well and the sampling of 108 Mountain Road is pending. Merriam Road and East Princeton Road appear to be the current easterly limit of PFAS impact in deep bedrock groundwater, as PFAS6 has not been detected northeast of Merriam Road or beyond 18 and 26 Prospect Street. The southerly limits of the PFAS impact in deep bedrock groundwater appear to be limited to 27 Worcester Road, 17 Boylston Ave, and 18 Connor Lane. The western limit appears to be the properties identified as 18 and 28 Radford Road.

Sampling of potable wells to the southwest suggests the extent of PFAS impact in deep bedrock groundwater in this direction is limited to the vicinity of lower Radford Road and its intersection with Connor Lane and Brooks Station Road.

As reported in previous IRA Status Reports, it appears that two distinct PFAS signatures are present. Potable wells north and west-northwest of 30 Mountain Road ("northern area" - 51, 54, 58, 64 Mountain Road, 43 Hubbardston Road and 28 Radford Road) generally have higher concentrations of PFOA (37 percent average of PFAS6) and little to no PFHxS (4 percent average of the 6 regulated PFAS compounds). Potable wells at and to the south of 30 Mountain Road ("southern area"- 14, 18, 19, 21, 29 and 30 Mountain, 15 Hubbardston, 12 Boylston and now 11, 13, and 14 Gregory Hill Road) have elevated PFHxS concentrations (54 percent average) and little PFOA (6 percent average). PFOS concentrations appear to be similar between the northern and southern signatures with a 30 to 35 percent average. As mentioned, PFOS and PFHxS are understood to be associated with 3M AFFF. The presence/absence of PFHxS appears to be a good indication of the limits of the AFFF impacts from the 30 Mountain Road firefighting.

The method of PFAS manufacture provides information that allows differentiation of potential source materials. The PFAS detected within the southern area is noted to consist almost exclusively of even-numbered compounds, suggesting telomerization manufacturing. The PFAS detected in the northern area are dominated by PFOA and PFOS and have detectable concentrations of PFHpA and PFNA (odd-numbered compounds), suggesting electrochemical fluorination (ECF) manufacturing. These data support the theory of two distinct source materials for the PFAS detected in the northern and southern areas of the Site.

According to a 1967 newspaper report, there was a major fire at 54 Mountain Road in April 1967. Although specific details of the firefighting method utilized on that property (i.e., whether AFFF was used) are not available, the soil sampling data from 54 Mountain Road show PFAS detections around the perimeter of the building, as would be expected from firefighting. Further, the soil data generally agree with the well water data, with PFHxS notably absent from both media.

A review of the groundwater data from samples collected in the monitoring wells on the Town Hall campus indicate a high percentage of PFHxS and PFOS, consistent with the concentrations identified in potable wells located within the southern portion of the disposal site and the runoff samples collected from the runoff location at 30 Mountain Road.

In summary, based on the activities completed to date, the current CSM is that there are three possible sources of PFAS at the Site: (1) the firefighting at 30 Mountain Road in 2017, (2) the firefighting at 54 Mountain Road in 1967, and (3) discharges to septic systems of water from potable supply wells impacted by PFAS and discharges impacted by common domestic, household sources of PFAS (e.g., washing of cookware and clothing that contain PFAS).

There are subcategories for each of the three potential sources: (a) the impact to soil from the initial surface discharge of water with AFFF at the location during the fire response in May 2017, (b) runoff of water with AFFF to adjacent locations, (c) infiltration of rainfall through impacted soil to groundwater, (d) surface runoff of stormwater that is in contact with impacted soil, reaching roadway drainage systems and surface water bodies, and (e) groundwater discharge to surface water.

Conclusions

As discussed above, a substantial sampling effort has been performed to identify the extent of PFAS in private and public wells based upon the directive from MassDEP to evaluate a condition of SRM in the area surrounding the Town Hall Campus well. To date, 120 properties have been either sampled or are proposed for sampling based on currently available data. In addition, two-vessel POETs have been installed at 32 locations. The town has also installed

single-vessel POETS at private well locations where PFAS was detected but are below the MCL of 20 ng/L at 37 locations. 29 additional locations, along the perimeter of the radius, are non-detect for all PFAS compounds and are monitored semi-annually.

An Imminent Hazard (IH) evaluation completed by Sovereign Consulting, Inc. indicates that the raw water PFAS6 concentrations in excess of 90 ng/L pose an IH condition, but that the condition has been mitigated through the installation of POET systems (or provision of bottled water pending POET installation) at locations with PFAS6 concentrations of 20 ng/L or greater, resulting in no ongoing exposure to the residents at the homes with PFAS6 concentrations in excess of IH levels.

Sovereign also completed a risk assessment for the soil data collected at 18, 19, 21, 22, and 30 Mountain Road in 2021, which indicates that a Condition of No Significant Risk exists to human health for direct contact exposure to soil at those locations.

Recommendations

Potable well sampling to date has generally defined the extent of PFAS in groundwater at this Site with limited plume migration observed to the south and west of the original detection area. The next comprehensive sampling round of potable wells is scheduled for October 2023, which will include quarterly POET monitoring.

Additional POET systems will be installed if PFAS6 concentrations exceed 20 ng/L at any location. Those POETS requiring sampling in accordance with IRA Plan Modification No. 4 conditional approval will continue to be sampled quarterly.

An update on these activities will be reported to MassDEP in next IRA Status Report in March 2024. If you have any questions or require additional information, please contact me at 413.572.3227.

Very truly yours,

TIGHE & BOND, INC.

Jeffrey L. Arps, LSP
Vice President

cc: Sherry Patch, Town of Princeton

Appendices

Appendix A – Figure 1 – Site Locus Map
Figure 2 – Priority Resource Map
Figure 3 – Radius Map
Figure 4 – Monitoring Well Location Plan
Figure 5 – Surface Water Sample Location Plan

Appendix B – Table 1 - Summary of Potable Well Data
Table 2 - Summary of Stormwater Data
Table 3 – Summary of Surface Water Data

Appendix C – 14 Mountain Road POET, Approval to Operate Letter

Appendix D – Runoff and Surface Water Laboratory Reports
Town Campus Wells - Groundwater Laboratory Report
Town Hall PWS Laboratory Analytical Reports

Appendix E – Table E-1 - Public Notification Letter Sampling and Submittal Status
Table E-2 - POET system Status
Table E-3 – Single-Vessel POET List
Public Notification Letters (submitted under separate cover)

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Tighe&Bond

APPENDIX A

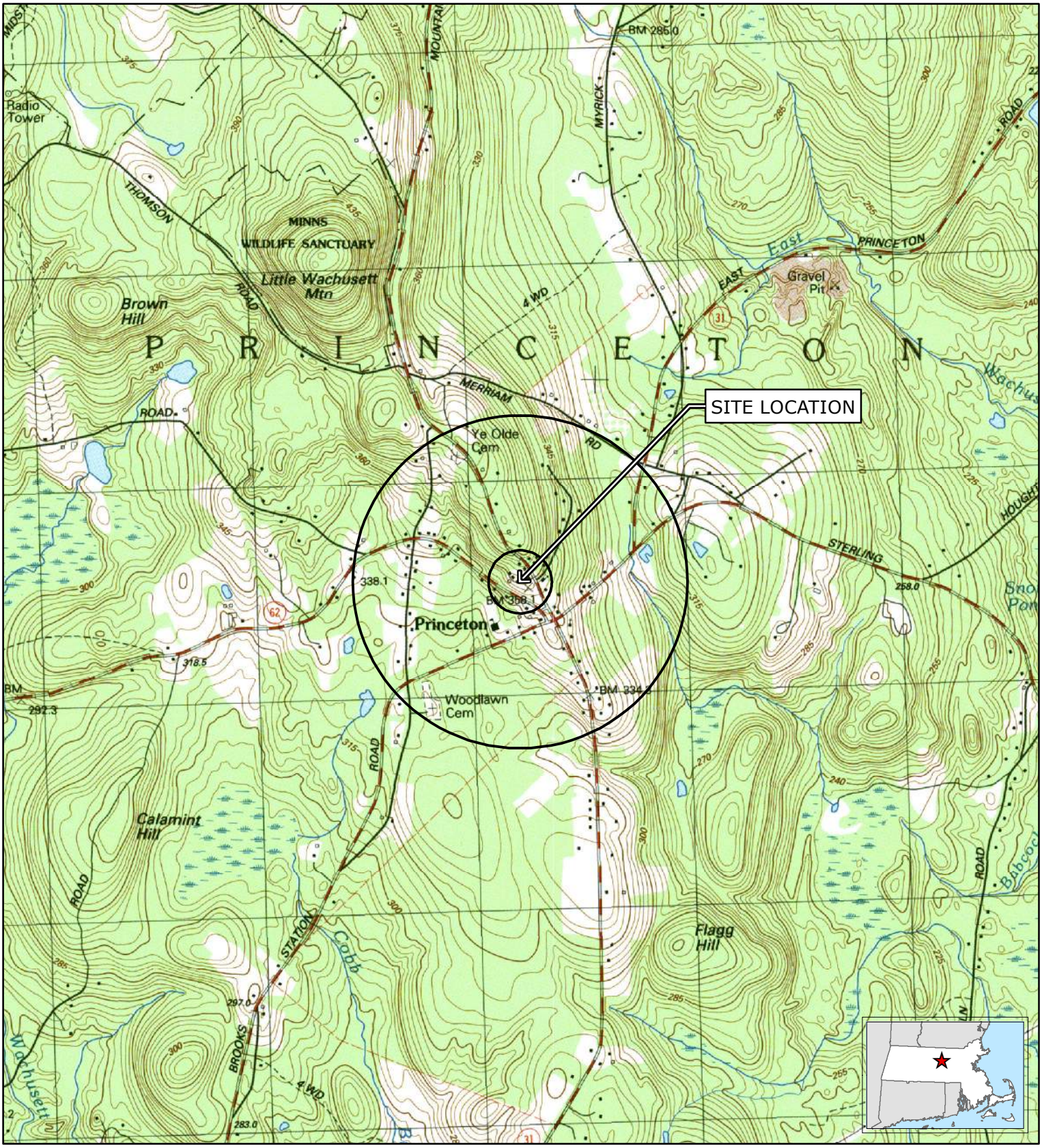

FIGURE 1
SITE LOCATION

Town of Princeton
6 Town Hall Drive
Princeton, Massachusetts
RTN 2-21072

October 2020

Tighe&Bond

Based on USGS Topographic Map for Wachusett, MA Revised 1988.
Contour Interval Equals 3 meters.
Circles indicate 500-foot and half-mile radii

1:24,000
0 1,000 2,000
Feet

N

V:\Projects\P\P0534\Figures_20201019\6TownHallDrive_PrincetonMA_Topo.mxd [Exported By: EMDrake, 10/19/2020, 4:01:46 PM]

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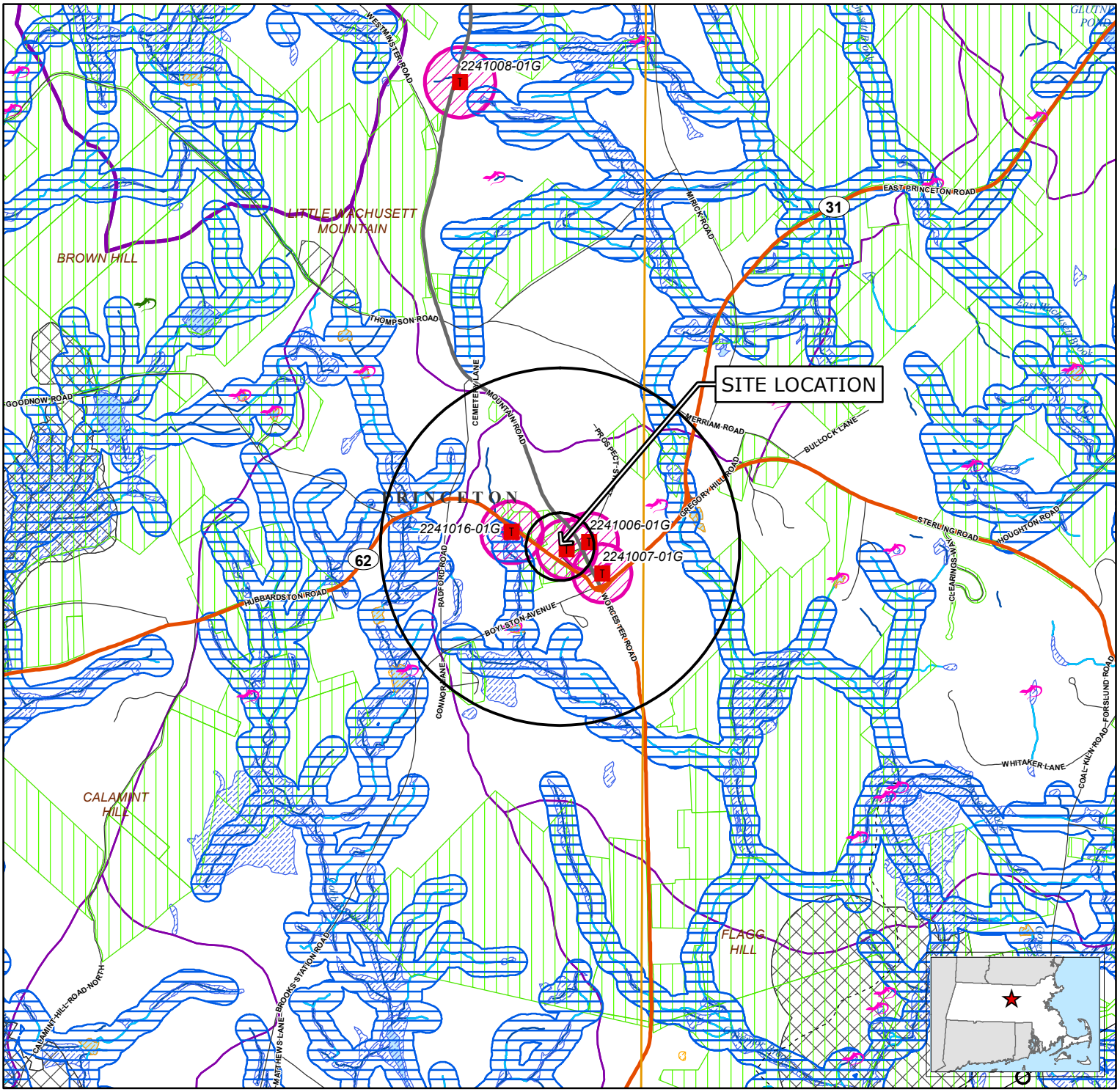


Legend

- NHESP Certified Vernal Pools
- NHESP Potential Vernal Pools
- Non-Landfill Solid Waste Sites
- Proposed Well
- Emergency Surface Water
- Community Public Water Supply - Surface Water
- Community Public Water Supply - Groundwater
- Non-Community Non-Transient Public Water Supply
- Non-Community Transient Public Water Supply
- Limited Access Highway
- Multi-Lane Highway, NOT Limited Access
- Other Numbered Route
- Major Road - Arterials and Collectors
- Minor Street or Road
- Aqueducts
- Hydrologic Connections
- Stream/Intermittent Stream
- Powerline
- Pipeline
- Track or Trail
- Trains
- Public Surface Water Supply Protection Area (Zone A)
- DEP Approved Wellhead Protection Area (Zone I)
- DEP Approved Wellhead Protection Area (Zone II)
- DEP Interim Wellhead Protection Area (IWPA)
- Protected and Recreational Open Space
- Solid Waste Landfill
- Area of Critical Environmental Concern (ACEC)
- NHESP Priority Habitats for Rare Species
- NHESP Estimated Habitats for Rare Wildlife
- EPA Designated Sole Source Aquifer
- Major Drainage Basin
- Sub Drainage Basin
- MassDEP Open Water
- MassDEP Inland Wetlands
- MassDEP Coastal Wetlands
- MassDEP Not Interpreted Wetlands
- Public Surface Water Supply (PSWS)
- Water Bodies
- Non-Potential Drinking Water Source Area - High Yield
- Non-Potential Drinking Water Source Area - Medium Yield
- Potentially Productive Medium Yield Aquifer
- Potentially Productive High Yield Aquifer
- County Boundary
- Municipal Boundary
- USGS Quadrangle Sheet Boundary

1:24,000

0 1,000 2,000

Feet

N

FIGURE 2
PRIORITY RESOURCES

Town of Princeton
Public Safety Building & Former PMLD Building
6 Town Hall Drive
Princeton, Massachusetts

Data source: Bureau of Geographic Information (MassGIS), Commonwealth of Massachusetts, Executive Office of Technology
Circles indicate 500-foot and half-mile radii.
Data valid as of August 2023.

August 2023

Tighe&Bond

G:\GIS\MA\PrincetonMA\MapDocs\Princeton Center PFAS\Town Radius Maps\PFASMonitoring_PriorityResources.mxd [Exported By: AFreudenberg, 8/25/2023, 9:32:04 AM]

P-0534

FIGURE 3
RADIUS MAP

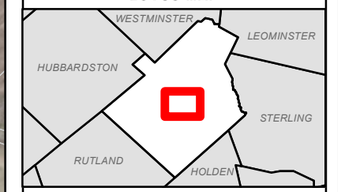
LEGEND

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' Radius (2023/08/25)

Affected Property Labels:
P (Point of Entry Treatment, if present)
Address
PFAS 6-Compound Total

LOCUS MAP



N W E S

0 335 670
Feet

1:8,400

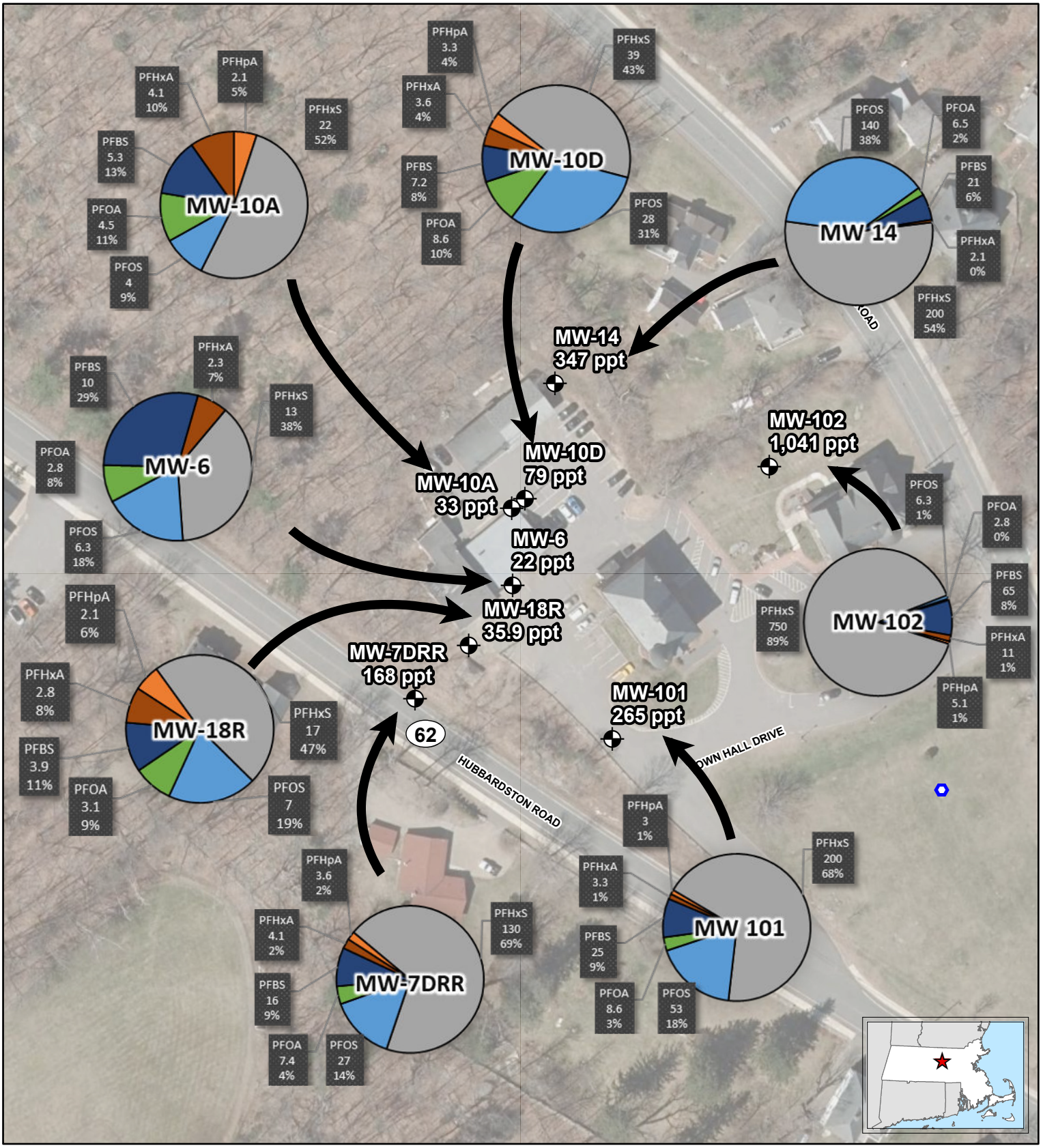
NOTES

1. Based on MassGIS Orthoimagery (2019)
2. 500' Buffer based on a 50' buffer of building structures. Well locations are assumed to be within 50' of each home.
3. 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 RD" : "MRIM"
"GOODNOW RD" : "GDNW"
"CONOR LN" : "CONR"
"GREGORY RD" : "GRGY"
"STERLING RD" : "STRL"
"RALPH RD" : "RLPH"
"TOWN HALL DRIVE" : "T-HALL"

Princeton, Massachusetts

August 2023

Tighe&Bond



Legend

- Cistern
- Monitoring Well

Tighe&Bond

Based on MassGIS Color Orthophotography (2019)

1:1,200

0 50 100

Feet

N

FIGURE 4
MONITORING WELL LOCATION PLAN

Town of Princeton
6 Town Hall Drive
Princeton, Massachusetts
RTN 2-21072

March 2021

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P-0534

FIGURE 5
STORMWATER SITE PLAN
Lower Mountain & Gregory Hill Roads

LEGEND

- Surface Water Sample
- Manhole
- Outfall
- Drain Line
- Catch Basin
- Flow Accumulation
- Water Body
- Surface Water Flow From 30 Mountain Rd
- General Surface Water Flow Direction

LOCUS MAP

0 75 150
Feet

1:4,080

NOTES

1. Based on MassGIS Orthoimagery (2019)
2. Flow Accumulation based on MassGIS LiDAR Terrain Data (2015)
3. Stormwater Features mapped by Tighe & Bond (2021)

Princeton, Massachusetts

August 2023

Tighe&Bond

G:\GIS\MA\SiteLocus\Princeton\FlowAccumulation_SW_Samples_TownHall_11x17_5A.mxd Date Saved: 8/29/2021 User: AFreudenberg

P-0534

APPENDIX B

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	Old Town Hall Well
Well Depth (feet)		UNKNOWN
Sampling Date		1/19/2021
EPA 537.1 (ng/L)		
Perfluorobutanesulfonic acid (PFBS)		38
Perfluorohexanoic acid (PFHxA)		11
Perfluorohexanesulfonic acid (PFHxS)		250
Perfluoroheptanoic acid (PFHpA)		4.8
Perfluorooctanoic acid (PFOA)		17
Perfluorooctanesulfonic acid (PFOS)		150
Perfluorononanoic acid (PFNA)		ND(1.82)
Perfluorodecanoic acid (PFDA)		ND(1.82)
N-EtFOSAA		ND(1.82)
Perfluoroundecanoic acid (PFUnA)		ND(1.82)
N-MeFOSAA		ND(1.82)
Perfluorododecanoic acid (PFDoA)		ND(1.82)
Perfluorotridecanoic acid (PFTrDA)		ND(1.82)
Perfluorotetradecanoic acid (PFTA)		ND(1.82)
Total (All Compounds)		470.8
Regulated Total	20	**421.8**

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Containment Level
Values reported with a (J) qualifier are estimated values. If the reported J value is greate

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	263 Worcester Apartment Well	263 Worcester Front Well	261 Worcester
Well Depth (feet)		UNKNOWN	UNKNOWN	UNKNOWN
Sampling Date		7/21/2022	7/21/2022	2/8/2022
EPA 537.1 (ng/L)				
Perfluorobutanesulfonic acid (PFBS)		-	-	-
Perfluorohexanoic acid (PFHxA)		-	-	-
Perfluorohexanesulfonic acid (PFHxS)		1.40 (J)	1.11 (J)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		1.07 (J)	0.897 (J)	ND (2.0)
Perfluorooctanoic acid (PFOA)		4.82	4.74	5.13
Perfluorooctanesulfonic acid (PFOS)		4.86	8.40	3.09
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		-	-	
Perfluoroundecanoic acid (PFUnA)		-	-	
N-MeFOSAA		-	-	
Perfluorododecanoic acid (PFDoA)		-	-	
Perfluorotridecanoic acid (PFTrDA)		-	-	
Perfluorotetradecanoic acid (PFTA)		-	-	
Total (All Compounds)		-	-	
Regulated Total	20	9.68	13.1	8.2

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Containment Level
Values reported with a (J) qualifier are estimated values. If the reported J value is greater than or equal to 1/3 the MRL and < MRL"one-half the MRL is used for the concentration of that compound in the summation

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	Town Well (WELL-01G)												
Well Depth (feet)		340 (DEP Log)												
Sampling Date		9/5/2019	9/27/2019	1/8/2020	6/23/2020	9/29/2020	9/29/2020	12/22/2020	2/17/2021	6/15/2021	8/10/2021	10/18/2021	1/11/2022	3/9/2022
							RERUN							**POET INSTALLED**
EPA 537.1 (ng/L)														
Perfluorobutanesulfonic acid (PFBS)		26.9	17	31.9	16.1	39.5	42.9	48.6	41.6	34.5	14.0	40.1	38.3	
Perfluorohexanoic acid (PFHxA)		ND (1.82)	ND (1.87)	2.86	1.48 (J)	2.92	4.51	5.1	5.45	4.14	1.72 (J)	4.62	6.78	
Perfluorohexanesulfonic acid (PFHxS)		94.4	78.1	168	81.7	234	225	329	305	224	90.9	249	301	
Perfluoroheptanoic acid (PFHpA)		ND (1.82)	ND (1.87)	2.47	1.25 (J)	1.30 (J)	1.9	4.27	4.67	2.09	1.15 (J)	3.56	5.14	
Perfluorooctanoic acid (PFOA)		3.92	3.18	9.52	4.48	8.4	12.3	15.9	14.6	10.8	5.32	13.1	16	2-6cf Vessels
Perfluorooctanesulfonic acid (PFOS)		26.4	18.9	52.6	23.5	56.4	67.4	94.2	86.2	71	30	99.9	113	
Perfluorononanoic acid (PFNA)		ND (1.82)	ND (1.87)	ND (1.84)	ND (1.90)	0.555 (J)	0.985 (J)	0.904 (J)	1.17 (J)	0.769 (J)	ND (1.80)	0.91 (J)	0.98 (J)	
Perfluorodecanoic acid (PFDA)		ND (1.82)	ND (1.87)	ND (1.84)	ND (1.90)	ND (1.85)	ND (1.90)	ND (1.81)	ND (1.77)	ND (1.83)	ND (1.80)	ND (1.80)	ND (2.0)	
N-EtFOSAA		ND (1.82)	ND (1.87)	ND (1.84)	ND (1.90)	ND (1.85)	ND (1.90)	ND (1.81)	ND (1.77)	ND (1.83)	ND (1.80)	ND (1.80)	ND (2.0)	
Perfluoroundecanoic acid (PFUnA)		ND (1.82)	ND (1.87)	ND (1.84)	ND (1.90)	ND (1.85)	ND (1.90)	ND (1.81)	ND (1.77)	ND (1.83)	ND (1.80)	ND (1.80)	ND (2.0)	
N-MeFOSAA		ND (1.82)	ND (1.87)	ND (1.84)	ND (1.90)	ND (1.85)	ND (1.90)	ND (1.81)	ND (1.77)	ND (1.83)	ND (1.80)	ND (1.80)	ND (2.0)	
Perfluorododecanoic acid (PFDoA)		ND (1.82)	ND (1.87)	ND (1.84)	ND (1.90)	ND (1.85)	ND (1.90)	ND (1.81)	ND (1.77)	ND (1.83)	ND (1.80)	ND (1.80)	ND (2.0)	
Perfluorotridecanoic acid (PFTrDA)		ND (1.82)	ND (1.87)	ND (1.84)	ND (1.90)	ND (1.85)	ND (1.90)	ND (1.81)	ND (1.77)	ND (1.83)	ND (1.80)	ND (1.80)	ND (2.0)	
Perfluorotetradecanoic acid (PFTA)		ND (1.82)	ND (1.87)	ND (1.84)	ND (1.90)	ND (1.85)	ND (1.90)	ND (1.81)	ND (1.77)	ND (1.83)	ND (1.80)	ND (1.80)	ND (2.0)	
Total (All Compounds)		151.6	117.2	264.9	127.1	341.9	354.5	497.5	458.1	346.9	141.7	410.7	480.7	
Regulated Total	20	**124.7**	**100.2**	**230.1**	**110.3**	**299.5**	**307.1**	**443.8**	**411.1**	**308.3**	**126.8**	**366.0**	**435.6**	

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	Town Well (WELL-01G)				
Well Depth (feet)		340 (DEP Log)				
Sampling Date		4/6/2022	5/4/2022		7/18/2023	
		INF	**MID**	**EFF**	**MID**	**EFF**
EPA 537.1 (ng/L)						
Perfluorobutanesulfonic acid (PFBS)		27.0	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		5.6	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		222	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		3.82	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		13.6	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		106	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		1.04 (J)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		378.0	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Regulated Total	20	**345.4**	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Containment Level

Values reported with a (J) qualifier are estimated values. If the reported J value is greater than or equal to 1/3 the MRL and < MRL"one-half the MRL is used for the concentration of that compound in the summation

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	MW-6						MW-7DR					MW-10A					MW-10D				
Total Depth (Feet)		15.5'						19'					8.5'					25'				
Depth to Bedrock		3'						7'					Not Encountered					9'				
Sampling Date		6/23/2020	1/12/2021	9/22/2021	1/25/2022	10/10/2022	4/13/2023	1/12/2021	9/22/2021	1/25/2022	10/10/2022	4/13/2023	1/2/2020	9/21/2021	1/25/2022	10/10/2022	4/13/2023	1/2/2020	9/21/2021	1/25/2022	10/10/2022	4/13/2023
EPA 537.1 (ng/L)																						
Perfluorobutanesulfonic acid (PFBS)		4.6	10	8.6	ND (1.9)	5.7	10	16	22	18	19	15	5.3	ND (4.1)	ND (2.0)	6.5	4.1	7.2	10	ND (1.8)	2.2	12
Perfluorohexanoic acid (PFHxA)		11	2.3	5.6	8.5	ND (2.1)	3.4	4.1	13	10	15	11	4.1	4.4	3.9	2.2	ND (1.8)	3.6	3.3	2.1	ND (1.9)	ND (11)
Perfluorohexanesulfonic acid (PFHxS)		9.9	13	53	ND (1.9)	6.7	21	130	170	130	170	130	22	15	1.3	18	18	39	50	7.3	5.9	ND (11)
Perfluoroheptanoic acid (PFHpA)		3.2	ND (2.0)	3.5	3.2	2.3	3.3	3.6	5.6	3.7	6.1	ND (10)	2.1	ND (4.1)	1.3	ND (2.0)	2.2	3.3	3.7	0.88	ND (1.9)	ND (11)
Perfluorooctanoic acid (PFOA)		15	2.8	8.2	4.3	ND (2.1)	8	7.4	14	7.7	16	15	4.5	5.7	1.8	2.6	2.8	8.6	7.4	1.2	2	ND (11)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	6.3	43	ND (1.9)	8.3	14	27	50	34	70	78	4	11	ND (2.0)	3.8	10	28	35	2.9	8.4	ND (11)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (1.9)	0.95	ND (2.1)	2.2	ND (2.0)	ND (2.0)	0.41	ND (4.1)	ND (10)	ND (2.0)	ND (4.1)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (1.9)	0.5	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.3)	ND (4.1)	ND (10)	ND (2.0)	ND (4.1)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.3)	ND (4.1)	ND (10)	ND (2.0)	ND (4.1)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.3)	ND (4.1)	ND (10)	ND (2.0)	ND (4.1)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.3)	ND (4.1)	ND (10)	ND (2.0)	ND (4.1)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.3)	ND (4.1)	ND (10)	ND (2.0)	ND (4.1)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.3)	ND (4.1)	ND (10)	ND (2.0)	ND (4.1)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.3)	ND (4.1)	ND (10)	ND (2.0)	ND (4.1)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (11)
Perfluoropetanesulfonic acid (PFPeS)		-	-	-	-	2.5	ND (1.9)	-	-	-	21	14	-	-	-	3	2.1	-	-	-	ND (1.9)	ND (11)
Perfluoroheptanesulfonic acid (PFHpS)		-	-	-	-	ND (2.1)	2.6	-	-	-	6.6	ND (10)	-	-	-	ND (2.0)	ND (1.8)	-	-	-	ND (1.9)	ND (11)
Perfluoro-1-butanesulfonamide (FBSA)		-	-	-	-	ND (2.1)	ND (1.9)	-	-	-	ND (4.1)	ND (10)	-	-	-	ND (2.0)	ND (1.8)	-	-	-	ND (1.9)	ND (11)
Perfluorobutanoic acid (PFBA)		-	-	-	-	3	3.9	-	-	-	7.9	ND (10)	-	-	-	5	2.4	-	-	-	2.2	36
Perfluoropentanoic acid (PFPeA)		-	-	-	-	22	20	-	-	-	10	ND (10)	-	-	-	4.2	3.9	-	-	-	ND (1.9)	ND (11)
6:2 Fluorotelomersulfonic acid (6:2FTS A)		-	-	-	-	10	ND (1.9)	-	-	-	ND (4.1)	ND (10)	-	-	-	4.3	17	-	-	-	ND (1.9)	ND (11)
Total (All Compounds)		43.7	34.4	122	17.5	23	62	188	275	204	342	263	42	36	8.30	50	63	90	109	14.4	18.5	12
Regulated Total	20	**28**	**22**	**108**	8.95	17.3	**49**	**168**	**240**	**176**	**262**	**223**	**33**	**32**	4.40	**24**	**33**	**79**	**96**	12	16	ND (11)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	MW-14					MW-18R				MW-101						MW-102				
Total Depth (Feet)		9.9					30'				35'						15'				
Depth to Bedrock		Not Encountered					15.5'				10'						1'				
Sampling Date		1/2/2020	9/21/2021	1/25/2022	10/10/2022	4/13/2023	1/2/2020	9/22/2021	1/25/2022	10/10/2022	1/12/2021	9/21/2021	1/25/2022	5/10/2022	10/10/2022	4/13/2023	1/12/2021	9/22/2021	5/10/2022	10/10/2022	4/13/2023
EPA 537.1 (ng/L)																					
Perfluorobutanesulfonic acid (PFBS)		21	24	11	21	16	3.9	6.2	7.5	4.4	25	39	30	30	21	17	66	62	39	49	33
Perfluorohexanoic acid (PFHxA)		2.1	28	8.5	18	11	2.8	17	7.3	20	3.3	5	2.4	ND (10)	20	8.3	11	14	7	15	9.6
Perfluorohexanesulfonic acid (PFHxS)		200	210	100	140	130	17	27	33	24	200	340	380	290	260	160	740	660	580	470	210
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	14	3.8	5.8	5.7	2.1	4.4	2.1	5.5	3	4.2	1.7	ND (10)	10	5.2	5.1	7.2	3.4	3.6	4.6
Perfluorooctanoic acid (PFOA)		6.5	26	13	17	16	3.1	5.3	5.8	5.2	8.6	12	8	ND (10)	33	11	16	22	9.9	14	13
Perfluorooctanesulfonic acid (PFOS)		140	240	130	160	110	7	8.3	11	8.9	53	150	150	ND (10)	170	70	250	620	320	160	231
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (1.9)	0.87	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	1.3	ND (1.9)	ND (2.0)	ND (1.9)	0.59	ND (10)	2.7	ND (1.8)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (10)	ND (1.9)	ND (1.8)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (10)	ND (1.9)	ND (1.8)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (10)	ND (1.9)	ND (1.8)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (10)	ND (1.9)	ND (1.8)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (10)	ND (1.9)	ND (1.8)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (10)	ND (1.9)	ND (1.8)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (10)	ND (1.9)	ND (1.8)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)
Perfluoropetanesulfonic acid (PFPeS)		-	-	-	16	14	-	-	-	3.1	-	-	-	30	24	15	-	-	46	60	42
Perfluoroheptanesulfonic acid (PFHpS)		-	-	-	7.8	5.2	-	-	-	ND (1.9)	-	-	-	ND (10)	12	4.3	-	-	16	16	13
Perfluoro-1-butanesulfonamide (FBSA)		-	-	-	2.1	ND (1.8)	-	-	-	ND (1.9)	-	-	-	ND (10)	3.6	ND (1.8)	-	-	2.2	2.2	ND (1.8)
Perfluorobutanoic acid (PFBA)		-	-	-	6.6	5.7	-	-	-	11	-	-	-	-	9.9	2.9	-	-	-	4.6	2.9
Perfluoropentanoic acid (PFPeA)		-	-	-	15	9.3	-	-	-	36	-	-	-	-	17	4.7	-	-	-	4.7	2.7
6:2 Fluorotelomersulfonic acid (6:2FTS A)		-	-	-	ND (1.9)		-	-	-	12	-	-	-	-	140	18	-	-	-	ND (2.0)	2.3
Total (All Compounds)		370	542	267	409	289	35.9	68.2	68.0	130.1	293	550	573	350	723	316	1,088	1,385	1,024	799	564
Regulated Total	20	**347**	**490**	**248**	**323**	**262**	**29.2**	**45.0**	**53.2**	**43.6**	**265**	**506**	**540**	**290**	**476**	**246**	**1,011**	**1,309**	**913**	**648**	**459**

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Containment Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	9 Allen Hill Rd							
Sampling Date		2/12/2020	7/23/2020	1/19/2021	4/27/2021	4/27/2021	12/2/2021	4/12/2022	10/28/2022
Well Depth (feet): 200									
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.8	2.4	ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.8	2.4	ND (1.8)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	12 Allen Hill Rd								
Sampling Date		2/14/2020	7/27/2020	1/19/2021	10/14/2021	4/11/2022	10/24/2022	2/15/2023	4/25/2023	
Well Depth (feet): 220 (DEP Log)								**POET INSTALLED**	**INF**	**EFF**
EPA 537.1 (ng/L)										
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)		ND (2.2)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)		ND (2.2)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)		ND (2.2)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		2.2	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)		ND (2.2)	ND (1.9)
Perfluorooctanoic acid (PFOA)		5.8	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	1-2cf Vessel	ND (2.2)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		4.2	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)		ND (2.2)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)		ND (2.2)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)		ND (2.2)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)		ND (2.2)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)		ND (2.2)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)		ND (2.2)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)		ND (2.2)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)		ND (2.2)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)		ND (2.2)	ND (1.9)
Total (All Compounds)		12.2	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)		ND (2.2)	ND (1.9)
Regulated Total	20	12.2	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)		ND (2.2)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	15 Allen Hill Road							
Sampling Date		4/28/2020	10/1/2020	1/19/2021	4/23/2021	10/14/2021	4/21/2022	10/31/2022	4/25/2023
Well Depth (feet): UNKNOWN									
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	19 Allen Hill Road							
Sampling Date		4/28/2020	10/1/2020	1/19/2021	4/21/2021	10/29/2021	4/15/2022	10/27/2022	4/21/2023
Well Depth (feet): UNKNOWN									
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	20 Allen Hill Road									
Sampling Date		5/8/2020	10/2/2020	1/18/2021	4/20/2021	10/19/2021	4/13/2022	10/28/2022	11/7/2022	11/30/2022	4/25/2023
Well Depth (feet): 400									**POET INSTALLED**	**EFF**	**INF**
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		3	ND (2.0)	2.5	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)		ND (1.9)	2.4
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		2.3	ND (2.0)	2.5	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)		ND (1.9)	3.5
Perfluorooctanoic acid (PFOA)		3	ND (2.0)	2.4	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)	1-2cf Vessel	ND (1.9)	1.8
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.8)
Total (All Compounds)		8.3	ND (2.0)	7.4	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)		ND (1.9)	7.7
Regulated Total	20	5.3	ND (2.0)	4.9	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)		ND (1.9)	5.3

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	32 Allen Hill Rd							
Sampling Date		2/2/2020	7/22/2020	1/22/2021	4/20/2021	11/4/2021	4/12/2022	10/27/2022	4/20/2023
Well Depth (feet): UNKNOWN									
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	33 Allen Hill Rd									
Sampling Date		10/30/2020		12/16/2020	4/20/2021	10/18/2021	4/12/2022	10/26/2022	11/2/2022	12/8/2022	4/25/2023
Well Depth (feet): UNKNOWN			**DUPLICATE**						**POET INSTALLED**	**EFF**	**INF**
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)		ND (1.8)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)		ND (1.8)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)		ND (1.8)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)		ND (1.8)	ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.8	2.4	2.1	1-2cf Vessel	ND (1.8)	2.2
Perfluorooctanesulfonic acid (PFOS)		47	8	2.3	ND (2.0)	ND (2.0)	ND (1.9)	2		ND (1.8)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)		ND (1.8)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)		ND (1.8)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)		ND (1.8)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)		ND (1.8)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)		ND (1.8)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)		ND (1.8)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)		ND (1.8)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)		ND (1.8)	ND (1.8)
Total (All Compounds)		47	8	2.3	ND (2.0)	2.8	2.4	2.4		ND (1.8)	2.2
Regulated Total	20	**47**	8	2.3	ND (2.0)	2.8	2.4	2.4		ND (1.8)	2.2

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	7 Boylston Ave															
Flow Meter Reading (gallons)		-			-	NOT RECORDED			14,911			23,425			32,192		
Sampling Date		1/27/2020			3/1/2020	3/17/2020			5/1/2020			6/18/2020			7/29/2020		
Well Depth (feet): UNKNOWN			DUPLICATE	FIELD BLANK	POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)																	
Perfluorobutanesulfonic acid (PFBS)		3.6	3.7	ND (2.0)		4.1	ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (2.0)	4.3	ND (2.0)	ND (2.0)	4.1	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		16	17	ND (2.0)		20	ND (2.0)	ND (2.0)	12	ND (2.0)	ND (2.0)	22	ND (2.0)	ND (2.0)	23	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		2.7	ND (2.0)	14	2-2cf Vessels	2.8	ND (2.0)	ND (2.0)	2.5	ND (2.0)	ND (2.0)	2.7	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		4.5	6.2	4.7		6.2	ND (2.0)	ND (2.0)	3.3	ND (2.0)	ND (2.0)	4.9	ND (2.0)	ND (2.0)	4.1	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		26.8	26.9	18.7		33.1	ND (2.0)	ND (2.0)	20.0	ND (2.0)	ND (2.0)	33.9	ND (2.0)	ND (2.0)	31.2	ND (2.0)	ND (2.0)
Regulated Total	20	**23.2**	**23.2**	**18.7**		**29.0**	ND (2.0)	ND (2.0)	**17.8**	ND (2.0)	ND (2.0)	**29.6**	ND (2.0)	ND (2.0)	**27.1**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	7 Boylston Ave (continued)															
Flow Meter Reading (gallons)		30,276		65,073			79,651			Not Recorded			Not Recorded		205,601		Not Recorded
Sampling Date		11/6/2020		2/22/2021			4/20/2021			4/11/2022		5/16/2022	7/28/2022		10/24/2022		11/16/2022
Well Depth (feet): UNKNOWN		INF	MID	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	MID	EFF	MID	EFF†	EFF RESAMPLE†
EPA 537.1 (ng/L)																	
Perfluorobutanesulfonic acid (PFBS)		3.4	ND (2.0)	4.4	ND (2.0)	ND (2.0)	3.5	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)	2.2	1.9
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)	2.6	2.6
Perfluorohexanesulfonic acid (PFHxS)		19	ND (2.0)	26	ND (2.0)	ND (2.0)	22	ND (2.0)	ND (2.0)	11	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)	26	22
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	3.1*	2.1*	ND (2.0)	ND (2.0)	2.1*	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluorooctanoic acid (PFOA)		3.9	ND (2.0)	3	ND (2.0)	ND (2.0)	3.8	ND (2.0)	ND (2.0)	2.1	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)	4.6	3.5
Perfluorooctanesulfonic acid (PFOS)		6.6	ND (2.0)	6.9	ND (2.0)	ND (2.0)	6.4	ND (2.0)	ND (2.0)	4.8	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)	12	8.7
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.1)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.1)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.1)
Total (All Compounds)		32.9	ND (2.0)	40.3	ND (2.0)	ND (2.0)	35.7	ND (2.0)	ND (2.0)	17.9	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)	47.4	38.7
Regulated Total	20	**29.5**	ND (2.0)	**35.9**	ND (2.0)	ND (2.0)	**32.2**	ND (2.0)	ND (2.0)	17.9	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)	**42.6**	**34.2**

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	7 Boylston Ave (continued)							
Flow Meter Reading (gallons)		Not Recorded	217,962		238,248			244,677	
Sampling Date		12/19/2022	1/18/2023		4/26/2023			8/1/2023	
Well Depth (feet): UNKNOWN		EFF	MID	EFF†	INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (1.9)	ND (2.0)	3.2	2.1	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (1.9)	ND (2.0)	2.6	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (1.9)	ND (2.0)	26	20	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (1.9)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (1.9)	ND (2.0)	3.7	2.7	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		ND (1.9)	ND (2.0)	9.7	6.3	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (1.9)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (1.9)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)
N-EtFOSAA		ND (1.9)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (1.9)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)
N-MeFOSAA		ND (1.9)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (1.9)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (1.9)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (1.9)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)
Total (All Compounds)		ND (1.9)	ND (2.0)	45.2	31.1	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)
Regulated Total	20	ND (1.9)	ND (2.0)	**39.4**	**29**	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level
* PFHpA also detected in both the field blank and trip blank, therefore the reported result is considered invalid. Confirmed as laboratory contaminate. Result is not included in total.
† System being bypassed

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	12 Boylston Ave													
Flow Meter Reading (gallons)		-	-	4,939			9,900			13,469			24,535		
Sampling Date		1/10/2020	3/20/2020	5/1/2020			6/23/2020			7/31/2020			11/6/2020		
Well Depth (feet): UNKNOWN			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		9.1		7.5	ND (2.0)	ND (2.0)	8.9	ND (2.0)	ND (2.0)	7.7	ND (2.0)	ND (2.0)	7.5	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	2.1	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		14		14	ND (2.0)	ND (2.0)	18	ND (2.0)	ND (2.0)	17	ND (2.0)	ND (2.0)	18	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		5.7	2-2cf Vessels	5.9	ND (2.0)	ND (2.0)	6.8	ND (2.0)	ND (2.0)	4.7	ND (2.0)	ND (2.0)	6	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		6.4		5.7	ND (2.0)	ND (2.0)	6.4	ND (2.0)	ND (2.0)	5.9	ND (2.0)	ND (2.0)	6.6	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		35.2		33.1	ND (2.0)	ND (2.0)	42.2	ND (2.0)	ND (2.0)	35.3	ND (2.0)	ND (2.0)	38.1	ND (2.0)	ND (2.0)
Regulated Total	20	**26.1**		**25.6**	ND (2.0)	ND (2.0)	**31.2**	ND (2.0)	ND (2.0)	**27.6**	ND (2.0)	ND (2.0)	**30.6**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	12 Boylston Ave (Continued)														
Flow Meter Reading (gallons)		33,116			50,561			68,267			78,450		88,277		98,400	
Sampling Date		1/29/2021			7/22/2021			4/14/2022			7/28/2022		10/26/2022		1/19/2023	
Well Depth (feet): UNKNOWN		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	MID	EFF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)																
Perfluorobutanesulfonic acid (PFBS)		8.7	ND (2.0)	ND (2.0)	9.9	ND (2.0)	ND (2.0)	7.3	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	3.6	ND (2.0)	ND (2.0)	6.4	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)
Perfluorohexanesulfonic acid (PFHxS)		18	ND (2.0)	ND (2.0)	27	ND (2.0)	ND (2.0)	26	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)
Perfluorooctanoic acid (PFOA)		5.5	ND (2.0)	ND (2.0)	7.6	ND (2.0)	ND (2.0)	7.5	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)
Perfluorooctanesulfonic acid (PFOS)		6.2	ND (2.0)	ND (2.0)	8.7	ND (2.0)	ND (2.0)	7.6	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)
Total (All Compounds)		38.4	ND (2.0)	ND (2.0)	56.8	ND (2.0)	ND (2.0)	54.8	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)
Regulated Total	20	**29.7**	ND (2.0)	ND (2.0)	**43.3**	ND (2.0)	ND (2.0)	**41.1**	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.1)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	12 Boylston Ave (Continued)				
Flow Meter Reading (gallons)		108,920			120,382	
Sampling Date		5/5/2023			8/4/2023	
Well Depth (feet): UNKNOWN		INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)						
Perfluorobutanesulfonic acid (PFBS)		6.4	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		14	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		38	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		3.7	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorooctanoic acid (PFOA)		9.3	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		8.8	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
N-EtFOSAA		ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
N-MeFOSAA		ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Total (All Compounds)		80.2	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Regulated Total	20	**59.8**	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	13 Boylston Ave												
Sampling Date		1/8/2020	5/28/2020	10/7/2020	1/22/2021	4/26/2021	5/18/2021	11/11/2021	11/16/2022	11/23/2022			12/29/2022	4/26/2023
Well Depth (feet): ~100							**RESAMPLE**		**POETS INSTALLED**	**ADMIN EFF**	**BUILDING AB EFF**	**BUILDING CD EFF**	**BUILDING CD EFF RESAMPLE**	**INF**
EPA 537.1 (ng/L)														
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (2.2)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (2.2)	1.9	ND (2.0)	3.1
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.8	ND (2.0)	2.4	1-2cf Vessels per	ND (1.9)	ND (2.2)	2.3	ND (2.0)	2.4
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	building	ND (1.9)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (2.2)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.8	ND (2.0)	2.4		ND (1.9)	ND (2.2)	4.2	ND (2.0)	5.5
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.8	ND (2.0)	2.4		ND (1.9)	ND (2.2)	4.2	ND (2.0)	5.5

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Tota
ND = Not detected above the lab reporting limits shown in parentheses
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	16 Boylston Ave													
Flow Meter Reading (gallons)		NA				0	260			10,997			Not Recorded	17,633	
Sampling Date		1/9/2020	5/28/2020	10/7/2020	1/20/2021	3/23/2021	5/27/2021			10/25/2022			12/6/2022	7/31/2023	
Well Depth (feet): ~100						**POET INSTALLED**	**INF**	**MID**	**EFF**	**INF**	**MID**	**EFF**	**MID RESAMPLE**	**MID**	**EFF**
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		5.3	6.2	5	6.6		5.5	ND (2.0)	ND (2.0)	5.1	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		3.7	3.9	3.3	3.6		6.2	ND (2.0)	ND (2.0)	6.3	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		4.7	5.2	6	9.4		9.4	ND (2.0)	ND (2.0)	15	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		2.6	ND (2.0)	ND (2.0)	2.6	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)
Perfluorooctanoic acid (PFOA)		8	8.9	8.2	8.9	2-2cf Vessels	11	ND (2.0)	ND (2.0)	8.4	2.8	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		7.2	5.5	4.2	5		4.6	ND (2.0)	ND (2.0)	5.9	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)
Total (All Compounds)		28.9	29.7	26.7	33.5		39.3	ND (2.0)	ND (2.0)	43.3	2.8	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)
Regulated Total	20	19.9	19.6	18.4	**23.3**		**27.6**	ND (2.0)	ND (2.0)	**31.9**	2.8	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	17 Boylston Ave								
Sampling Date		1/8/2020	5/28/2020	10/7/2020	1/18/2021	4/27/2021	11/11/2021	4/18/2022	10/26/2022	4/21/2023
Well Depth (feet): UNKNOWN										
EPA 537.1 (ng/L)										
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2	ND (1.8)	2.5
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	2.1	2.3	4.7	5.6	6.3	8.1
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.8)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	2.1	2.3	4.7	7.6	6.3	10.6
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	2.1	2.3	4.7	5.6	6.3	8.1

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	21 Boylston Ave							
Well Depth (feet)		UNKNOWN							
Sampling Date		2/19/2020	7/22/2020	1/19/2021	4/26/2021	10/14/2021	4/12/2022	10/24/2022	4/20/2023
Well Depth (feet): UNKNOWN									
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	24 Boylston Ave								
Sampling Date		1/9/2020	5/29/2020	10/2/2020	1/19/2021	4/27/2021	10/18/2021	4/12/2022	10/26/2022	4/25/2023
Well Depth (feet): ±200										
EPA 537.1 (ng/L)										
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	30 Boylston Ave							
Sampling Date		5/6/2021	10/14/2021	11/3/2021	4/21/2022	10/25/2022	11/10/2022	11/30/2022	4/27/2023
Well Depth (feet): UNKNOWN							**POET INSTALLED**	**EFF**	**INF**
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.8)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.8)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.8)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.8)	ND (1.8)
Perfluorooctanoic acid (PFOA)		2.1	2.7	2.8	1.9	2.1	1-2cf Vessel	ND (1.8)	3.2
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	3.1	3.2	2.6	2.9		ND (1.8)	3.7
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.8)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.8)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.8)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.8)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.8)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.8)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.8)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.8)	ND (1.8)
Total (All Compounds)		2.1	5.8	6.0	4.5	5.0		ND (1.8)	6.9
Regulated Total	20	2.1	5.8	6.0	4.5	5.0		ND (1.8)	6.9

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	32 Boylston Ave									
Sampling Date		5/28/2020	10/7/2020	1/21/2021	4/27/2021	11/3/2021	4/14/2022	10/25/2022	12/2/2022	1/18/2023	1/18/2023
Well Depth (feet): UNKNOWN									**POET INSTALLED**	**EFF**	**INF**
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		3.7	3.3	ND (2.0)	ND (2.0)	2.5	2.1	3	1-2cf Vessel	ND (2.0)	2.6
Perfluorooctanesulfonic acid (PFOS)		2.9	2.3	ND (2.0)	ND (2.0)	2.2	2.1	2.4		ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (2.0)	ND (2.0)
Total (All Compounds)		6.6	5.6	ND (2.0)	ND (2.0)	4.7	4.2	5.4		ND (2.0)	2.6
Regulated Total	20	6.6	5.6	ND (2.0)	ND (2.0)	4.7	4.2	5.4		ND (2.0)	2.6

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	38 Boylston Ave					
Sampling Date			8/31/2021	4/14/2022	10/28/2022	4/21/2023	
Well Depth (feet): UNKNOWN		**POET INSTALLED**	**INF**	**INF**	**INF**	**INF**	**EFF**
EPA 537.1 (ng/L)							
Perfluorobutanesulfonic acid (PFBS)			ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)			ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)			ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)			ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)			4.7	5.8	5.4	5	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)			3.8	4.7	13	5.9	ND (1.9)
Perfluorononanoic acid (PFNA)			ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)			ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
N-EtFOSAA			ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)			ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
N-MeFOSAA			ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)			ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)			ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)			ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Total (All Compounds)			8.5	10.5	18.4	10.9	ND (1.9)
Regulated Total	20		8.5	10.5	18.4	10.9	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	40 Boylston Ave									
Sampling Date		4/28/2020	10/1/2020	1/20/2021	4/20/2021	10/14/2021	4/11/2022	10/26/2022	12/7/2022	1/19/2023	4/25/2023
Well Depth (feet): UNKNOWN									**POET INSTALLED**	**EFF**	**INF**
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.1)	ND (2.1)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.1)	ND (2.1)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.1)	ND (2.1)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	2.1	ND (2.0)	ND (2.0)	2.2		ND (2.1)	1.9
Perfluorooctanoic acid (PFOA)		5.3	4.6	6	7.5	6.5	7.4	8.4	1-2cf Vessel	ND (2.1)	6.0
Perfluorooctanesulfonic acid (PFOS)		3.9	3.8	4.3	5.3	5.6	4.9	6.2		ND (2.1)	5.6
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.1)	ND (2.1)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.1)	ND (2.1)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.1)	ND (2.1)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.1)	ND (2.1)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.1)	ND (2.1)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.1)	ND (2.1)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.1)	ND (2.1)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.1)	ND (2.1)
Total (All Compounds)		9.2	8.4	10.3	14.9	12.1	12.3	16.8		ND (2.1)	13.5
Regulated Total	20	9.2	8.4	10.3	14.9	12.1	12.3	16.8		ND (2.1)	13.5

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	29 Brooks Station
Sampling Date		7/29/2021
Well Depth (feet): UNKNOWN		
EPA 537.1 (ng/L)		
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)
N-EtFOSAA		ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)
N-MeFOSAA		ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)
Total (All Compounds)		ND (2.0)
Regulated Total	20	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	6 Connor Lane								
Sampling Date		8/31/2020	1/21/2021	4/20/2021	10/14/2021	4/13/2022	7/1/2022	8/25/2022	10/25/2022	4/20/2023
Well Depth (feet): UNKNOWN							**POET INSTALLED**	**EFF**	**INF**	**INF**
EPA 537.1 (ng/L)										
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)		ND (1.8)	ND (2.2)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	3.3	2.9	5	ND (2.1)		ND (1.8)	ND (2.2)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)		ND (1.8)	ND (2.2)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)		ND (1.8)	ND (2.2)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	2.3	2.9	3.7	ND (2.1)	1-2cf Vessel	ND (1.8)	ND (2.2)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)		ND (1.8)	ND (2.2)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)		ND (1.8)	ND (2.2)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)		ND (1.8)	ND (2.2)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)		ND (1.8)	ND (2.2)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)		ND (1.8)	ND (2.2)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)		ND (1.8)	ND (2.2)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)		ND (1.8)	ND (2.2)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)		ND (1.8)	ND (2.2)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)		ND (1.8)	ND (2.2)	ND (1.9)
Total (All Compounds)		ND (2.0)	5.6	5.8	8.7	ND (2.1)		ND (1.8)	ND (2.2)	ND (1.9)
Regulated Total	20	ND (2.0)	2.3	2.9	3.7	ND (2.1)		ND (1.8)	ND (2.2)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	18 Connor Lane						
Sampling Date		9/23/2021		4/13/2022		10/25/2022	4/27/2023	
Well Depth (feet): UNKNOWN			POET INSTALLED	INF	EFF	INF	INF	EFF
EPA 537.1 (ng/L)								
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (2.0)	1-2cf Vessel	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Total (All Compounds)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Regulated Total	20	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	4 Goodnow Road							
Sampling Date		4/28/2020	10/1/2020	1/21/2021	4/20/2021	10/14/2021	4/11/2022	10/26/2022	5/5/2023
Well Depth (feet): UNKNOWN									
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	7 Goodnow Road	
Sampling Date		1/18/2022	4/18/2022
Well Depth (feet): UNKNOWN			
EPA 537.1 (ng/L)			
Perfluorobutanesulfonic acid (PFBS)		ND (1.8)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (1.8)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (1.8)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (1.8)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (1.8)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (1.8)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (1.8)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (1.8)	ND (1.9)
N-EtFOSAA		ND (1.8)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (1.8)	ND (1.9)
N-MeFOSAA		ND (1.8)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (1.8)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (1.8)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (1.8)	ND (1.9)
Total (All Compounds)		ND (1.8)	ND (1.9)
Regulated Total	20	ND (1.8)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan	11 Gregory Hill Rd											
Sampling Date	GW-1 Standard & MMCL	1/22/2020	5/29/2020	10/1/2020	1/19/2021	4/21/2021	10/14/2021	11/11/2021	4/11/2022	10/26/2022	12/14/2022	1/19/2023	4/26/2023
Well Depth (feet): UNKNOWN								sample to confirm detection			**POET INSTALLED**	**EFF**	**INF**
EPA 537.1 (ng/L)													
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)		ND (1.8)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)		ND (1.8)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	1.9	2.5	2.9	ND (1.9)		ND (1.8)	2.6
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)		ND (1.8)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	1-2cf Vessel	ND (1.8)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)		ND (1.8)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)		ND (1.8)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)		ND (1.8)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)		ND (1.8)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)		ND (1.8)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)		ND (1.8)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)		ND (1.8)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)		ND (1.8)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)		ND (1.8)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	1.9	2.5	2.9	ND (1.9)		ND (1.8)	2.6
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	1.9	2.5	2.9	ND (1.9)		ND (1.8)	2.6

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	13 Gregory Hill Road										
Sampling Date		1/22/2020	5/29/2020		10/1/2020	1/19/2021	4/21/2021	10/14/2021	4/15/2022	10/26/2022	12/2/2023	1/18/2023
Well Depth (feet): UNKNOWN				**DUPLICATE**							**POET INSTALLED**	**EFF**
EPA 537.1 (ng/L)												
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	1.9	2.3	2.6		ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	1-2cf Vessel	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (1.9)		ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	4.1	2.3	2.6		ND (1.9)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	4.1	2.3	2.6		ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	14 Gregory Hill Rd											
Flow Meter Reading (gallons)											29,584		-
Sampling Date		1/9/2020	5/29/2020	10/1/2020	1/20/2021	4/20/2021	10/14/2021	12/21/2021	2/4/2022		1/18/2023		4/25/2023
Well Depth (feet): UNKNOWN								**POET INSTALLED**	**MID**	**EFF**	**MID**	**EFF**	**INF**
EPA 537.1 (ng/L)													
Perfluorobutanesulfonic acid (PFBS)		2.6	2.9	3.6	2.7	3.9	3.7		ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	2.5
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	2.7	2.7	2.2	3.4		ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	2.9
Perfluorohexanesulfonic acid (PFHxS)		3.7	5.2	11	4.4	7.6	14		ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	14
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorooctanoic acid (PFOA)		3.2	3.4	3.6	2.2	3.4	6	2- 2cf Vessels	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	4.6
Perfluorooctanesulfonic acid (PFOS)		2.5	2.7	3.7	ND (2.0)	2.7	4.8		ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	3.9
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	ND (1.9)
Total (All Compounds)		12	14.2	21.9	9.3	17.6	31.9		ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	27.9
Regulated Total	20	9.4	11.3	18.3	6.6	13.7	**24.8**		ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)	**22.5**

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

	Massachusetts Contingency Plan GW-1 Standard & MMCL	15 Gregory Hill Rd														
Flow Meter Reading (gallons)		-		5,368			68,471			104,009			189,140			
Sampling Date		1/13/2020	2/26/2020	3/11/2020			6/23/2020			7/31/2020			11/3/2020			
Well Depth (feet): UNKNOWN			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	
EPA 537.1 (ng/L)																
Perfluorobutanesulfonic acid (PFBS)		2.7		3.6	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	5.1	ND (2.0)	ND (2.0)	
Perfluorohexanoic acid (PFHxA)		2.9		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorohexanesulfonic acid (PFHxS)		5.2		6.6	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	12	ND (2.0)	ND (2.0)	
Perfluoroheptanoic acid (PFHpA)		4.7		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorooctanoic acid (PFOA)		5.1	2- 2cf Vessels	2.2	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.4	ND (2.0)	ND (2.0)	
Perfluorooctanesulfonic acid (PFOS)		5.4		5.4	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	6.5	ND (2.0)	ND (2.0)	
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Total (All Compounds)		26		17.8	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	26.0	ND (2.0)	ND (2.0)	
Regulated Total	20	**20.4**		14.2	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	**20.9**	ND (2.0)	ND (2.0)	

	Massachusetts Contingency Plan GW-1 Standard & MMCL	15 Gregory Hill Rd (Continued)														
Flow Meter Reading (gallons)		199,350			200,005			Not Recorded		200,005		200,005			425,390 est	
Sampling Date		1/29/2021			4/21/2021			4/12/2022		7/26/2022		10/26/2022			1/20/2023	
Well Depth (feet): UNKNOWN		INF	MID	EFF	INF	MID	EFF	MID	EFF	MID	EFF	INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)																
Perfluorobutanesulfonic acid (PFBS)		5	ND (2.0)	ND (2.0)	4.6	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	2.8	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		11	ND (2.0)	ND (2.0)	12	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	18	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		3.4	ND (2.0)	ND (2.0)	3.0	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	2.8	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		6.1	ND (2.0)	ND (2.0)	6.5	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	7.9	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		25.5	ND (2.0)	ND (2.0)	26.1	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	31.5	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Regulated Total	20	**20.5**	ND (2.0)	ND (2.0)	**21.5**	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	**28.7**	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)

	Massachusetts Contingency Plan GW-1 Standard & MMCL	15 Gregory Hill Rd (Continued)				
Flow Meter Reading (gallons)		440,335 est			222,576	
Sampling Date		4/25/2023			8/4/2023	
Well Depth (feet): UNKNOWN		INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)						
Perfluorobutanesulfonic acid (PFBS)		4.1	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluorohexanesulfonic acid (PFHxS)		18	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluorooctanoic acid (PFOA)		3	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluorooctanesulfonic acid (PFOS)		8.6	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)
N-EtFOSAA		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)
N-MeFOSAA		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)
Total (All Compounds)		33.7	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)
Regulated Total	20	**29.6**	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Tota
ND = Not detected above the lab reporting limits shown in parentheses
Bolded values exceed the prposed Method 1 Standar
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	21 Gregory Hill Rd					
Sampling Date		2/28/2020	9/18/2020	1/21/2021	4/26/2021	11/11/2021	10/24/2022
Well Depth (feet): UNKNOWN							
EPA 537.1 (ng/L)							
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	44 Gregory Hill Rd					
Sampling Date		2/5/2020	7/22/2020	1/20/2021	4/26/2021	10/19/2021	10/24/2022
Well Depth (feet): UNKNOWN							
EPA 537.1 (ng/L)							
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	Gregory Spring
Well Depth (feet)		NA
Sampling Date		10/18/2021
Well Depth (feet): NA		
EPA 537.1 (ng/L)		
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)
N-EtFOSAA		ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)
N-MeFOSAA		ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)
Total (All Compounds)		ND (2.0)
Regulated Total	20	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	1 Hubbardston Rd													
Flow Meter Reading (gallons)		-	-	865			1,311			3,896			6,577		
Sampling Date		1/8/2020	2/26/2020	3/11/2020			5/1/2020			6/18/2020			7/29/2020		
Well Depth (feet): 175-200			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		7		5.7	ND (2.0)	ND (2.0)	6.4	ND (2.0)	ND (2.0)	6.5	ND (2.0)	ND (2.0)	6.4	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		22		19	ND (2.0)	ND (2.0)	21	ND (2.0)	ND (2.0)	24	ND (2.0)	ND (2.0)	23	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		3.4		3	ND (2.0)	ND (2.0)	3.1	ND (2.0)	ND (2.0)	2.9	ND (2.0)	ND (2.0)	2.9	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		6.1	2- 2cf Vessels	5.6	ND (2.0)	ND (2.0)	5.7	ND (2.0)	ND (2.0)	6.2	ND (2.0)	ND (2.0)	5.6	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		38.5		33.3	ND (2.0)	ND (2.0)	36.2	ND (2.0)	ND (2.0)	39.6	ND (2.0)	ND (2.0)	37.9	ND (2.0)	ND (2.0)
Regulated Total	20	**31.5**		**27.6**	ND (2.0)	ND (2.0)	**29.8**	ND (2.0)	ND (2.0)	**33.1**	ND (2.0)	ND (2.0)	**31.5**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	1 Hubbardston Rd													
Flow Meter Reading (gallons)		13,221			14,674			15,179			20,711			-	
Sampling Date		11/13/2020			1/29/2021			4/23/2021			4/15/2022			10/28/2022	
Well Depth (feet): 175-200		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		8.5	ND (2.0)	ND (2.0)	9.5	ND (2.0)	ND (2.0)	7.5	ND (2.0)	ND (2.0)	5.9	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	2.1	ND (2.0)	ND (2.0)	2.1	ND (2.0)	ND (2.0)	2.1	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		31	ND (2.0)	ND (2.0)	37	ND (2.0)	ND (2.0)	36	ND (2.0)	ND (2.0)	41	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		3	ND (2.0)	ND (2.0)	3.7	ND (2.0)	ND (2.0)	5.3	ND (2.0)	ND (2.0)	3.7	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		5.7	ND (2.0)	ND (2.0)	8.2	ND (2.0)	ND (2.0)	9.5	ND (2.0)	ND (2.0)	8	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Total (All Compounds)		48.2	ND (2.0)	ND (2.0)	60.5	ND (2.0)	ND (2.0)	60.4	ND (2.0)	ND (2.0)	60.7	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Regulated Total	20	**39.7**	ND (2.0)	ND (2.0)	**48.9**	ND (2.0)	ND (2.0)	**50.8**	ND (2.0)	ND (2.0)	**52.7**	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	1 Hubbardston Rd	
Flow Meter Reading (gallons)		Not Recorded	
Sampling Date		7/31/2023	
Well Depth (feet): 175-200		MID	EFF
EPA 537.1 (ng/L)			
Perfluorobutanesulfonic acid (PFBS)		ND (1.9)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (1.9)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (1.9)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (1.9)	ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (1.9)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		ND (1.9)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (1.9)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (1.9)	ND (1.8)
N-EtFOSAA		ND (1.9)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (1.9)	ND (1.8)
N-MeFOSAA		ND (1.9)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (1.9)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (1.9)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (1.9)	ND (1.8)
Total (All Compounds)		ND (1.9)	ND (1.8)
Regulated Total	20	ND (1.9)	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
POET System Monitoring
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	5 Hubbardston Road													
Flow Meter Reading (gallons)		-	-	1,131			5,143			11,960			22,710		
Sampling Date		12/5/2019	1/28/2020	2/5/2020			3/5/2020			5/1/2020			6/30/2020		
Well Depth (feet): UNKNOWN			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		8.4		6.3	ND (2.0)	ND (2.0)	4.3	ND (2.0)	ND (2.0)	4.6	ND (2.0)	ND (2.0)	4.6	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		29		25	ND (2.0)	ND (2.0)	11	ND (2.0)	ND (2.0)	15	ND (2.0)	ND (2.0)	17	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		2.9	2- 2cf Vessels	2.5	ND (2.0)	ND (2.0)	2.7	ND (2.0)	ND (2.0)	2.9	ND (2.0)	ND (2.0)	2.6	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		7.3		6.9	ND (2.0)	ND (2.0)	4.9	ND (2.0)	ND (2.0)	4.8	ND (2.0)	ND (2.0)	5.5	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		47.6		40.7	ND (2.0)	ND (2.0)	22.9	ND (2.0)	ND (2.0)	27.3	ND (2.0)	ND (2.0)	29.7	ND (2.0)	ND (2.0)
Regulated Total	20	**39.2**		**34.4**	ND (2.0)	ND (2.0)	**18.6**	ND (2.0)	ND (2.0)	**22.7**	ND (2.0)	ND (2.0)	**25.1**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	5 Hubbardston Road													
Flow Meter Reading (gallons)		27,069			39,213			47,979			58,197			121,323	
Sampling Date		8/5/2020			11/18/2020			2/5/2021			4/27/2021			4/13/2022	
Well Depth (feet): UNKNOWN		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		7	ND (2.0)	ND (2.0)	7	ND (2.0)	ND (2.0)	4.1	ND (2.0)	ND (2.0)	6.4	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		27	ND (2.0)	ND (2.0)	28	ND (2.0)	ND (2.0)	16	ND (2.0)	ND (2.0)	30	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		2.5	ND (2.0)	ND (2.0)	2.7	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	3.3	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		6.7	ND (2.0)	ND (2.0)	6.3	ND (2.0)	ND (2.0)	3.9	ND (2.0)	ND (2.0)	7.3	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		43.2	ND (2.0)	ND (2.0)	44.0	ND (2.0)	ND (2.0)	24.0	ND (2.0)	ND (2.0)	47.0	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Regulated Total	20	**36.2**	ND (2.0)	ND (2.0)	**37.0**	ND (2.0)	ND (2.0)	**19.9**	ND (2.0)	ND (2.0)	**40.6**	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	5 Hubbardston Road										
Flow Meter Reading (gallons)		144,946		156,404		167,106		179,106			Not Recorded	
Sampling Date		7/26/2022		10/27/2022		1/18/2022		4/21/2023			7/31/2023	
Well Depth (feet): UNKNOWN		MID	EFF	MID	EFF	MID	EFF	INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)												
Perfluorobutanesulfonic acid (PFBS)		ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	6.1	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.2)
Perfluorohexanoic acid (PFHxA)		ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	2.5	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.2)
Perfluorohexanesulfonic acid (PFHxS)		ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	45	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.2)
Perfluoroheptanoic acid (PFHpA)		ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.2)
Perfluorooctanoic acid (PFOA)		ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	4.2	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.2)
Perfluorooctanesulfonic acid (PFOS)		ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	10	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.2)
Perfluorononanoic acid (PFNA)		ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.2)
Perfluorodecanoic acid (PFDA)		ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.2)
N-EtFOSAA		ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.2)
Perfluoroundecanoic acid (PFUnA)		ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.2)
N-MeFOSAA		ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.2)
Perfluorododecanoic acid (PFDoA)		ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.2)
Perfluorotridecanoic acid (PFTrDA)		ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.2)
Perfluorotetradecanoic acid (PFTA)		ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.2)
Total (All Compounds)		ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	67.8	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.2)
Regulated Total	20	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	**59.2**	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.2)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Tota
ND = Not detected above the lab reporting limits shown in parentheses
Bolded values exceed the prposed Method 1 Standarc
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	7 Hubbardston Rd													
Flow Meter Reading (gallons)		NA						0	6,851		39,024		47,433		
Sampling Date		12/5/2019	6/5/2020	10/1/2020	1/29/2021	4/21/2021	10/14/2021	12/21/2021	2/18/2022		1/20/2023		4/27/2023		
								POET INSTALLED	MID	EFF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		2.3	3.1	3.4	4.9	4.2	4.3		ND (1.8)	ND (1.8)	ND (2.1)	ND (2.0)	3.7	ND (1.8)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (2.1)	ND (2.0)	1.9	ND (1.8)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		3.5	5.8	7.1	8.7	8.6	12		ND (1.8)	ND (1.8)	ND (2.1)	ND (2.0)	13	ND (1.8)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
Perfluorooctanoic acid (PFOA)		2.9	2.4	2.1	3.4	3.1	3.6	2- 2cf Vessels	ND (1.8)	ND (1.8)	ND (2.1)	ND (2.0)	3.3	ND (1.8)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		3.3	3.5	3.2	3.6	3.7	4.5		ND (1.8)	ND (1.8)	ND (2.1)	ND (2.0)	3.7	ND (1.8)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
Total (All Compounds)		12	14.8	15.8	20.6	19.6	24.4		ND (1.8)	ND (1.8)	ND (2.1)	ND (2.0)	25.6	ND (1.8)	ND (1.8)
Regulated Total	20	9.7	11.7	12.4	15.7	15.4	**20.1**		ND (1.8)	ND (1.8)	ND (2.1)	ND (2.0)	**20.0**	ND (1.8)	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
POET System Monitoring
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	15 Hubbardston Road													
Flow Meter Reading (gallons)		-	-	Not Recorded			3,771			6,855			8,913		
Sampling Date		12/5/2019	2/11/2020	2/26/2020			5/1/2020			6/18/2020			7/30/2020		
Well Depth (feet): 285 (DEP Log)			**POET INSTALLED**	**INF**	**MID**	**EFF**	**INF**	**MID**	**EFF**	**INF**	**MID**	**EFF**	**INF**	**MID**	**EFF**
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		27		17	ND (2.0)	ND (2.0)	21	ND (2.0)	ND (2.0)	21	ND (2.0)	ND (2.0)	20	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		110		73	ND (2.0)	ND (2.0)	95	ND (2.0)	ND (2.0)	90	ND (2.0)	ND (2.0)	92	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		4.6	2- 2cf Vessels	3.5	ND (2.0)	ND (2.0)	4.2	ND (2.0)	ND (2.0)	3	ND (2.0)	ND (2.0)	3.9	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		18		14	ND (2.0)	ND (2.0)	21	ND (2.0)	ND (2.0)	18	ND (2.0)	ND (2.0)	19	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		159.6		107.5	ND (2.0)	ND (2.0)	141.2	ND (2.0)	ND (2.0)	132.0	ND (2.0)	ND (2.0)	134.9	ND (2.0)	ND (2.0)
Regulated Total	20	**132.6**		**90.5**	ND (2.0)	ND (2.0)	**120.2**	ND (2.0)	ND (2.0)	**111.0**	ND (2.0)	ND (2.0)	**114.9**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	15 Hubbardston Road													
Flow Meter Reading (gallons)		13,958			18,399			22,074			32,037			46,977	
Sampling Date		11/6/2020			1/29/2021			4/26/2021			10/18/2021			7/27/2022	
Well Depth (feet): 285 (DEP Log)		**INF**	**MID**	**EFF**	**INF**	**MID**	**EFF**	**INF**	**MID**	**EFF**	**INF**	**MID**	**EFF**	**MID**	**EFF**
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		21	ND (2.0)	ND (2.0)	27	ND (2.0)	ND (2.0)	16	ND (2.0)	ND (2.0)	16	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorohexanesulfonic acid (PFHxS)		110	ND (2.0)	ND (2.0)	120	ND (2.0)	ND (2.0)	85	ND (2.0)	ND (2.0)	120	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorooctanoic acid (PFOA)		4	ND (2.0)	ND (2.0)	5	ND (2.0)	ND (2.0)	3.8	ND (2.0)	ND (2.0)	4.6	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorooctanesulfonic acid (PFOS)		17	ND (2.0)	ND (2.0)	25	ND (2.0)	ND (2.0)	19	ND (2.0)	ND (2.0)	29	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)
Total (All Compounds)		152.0	ND (2.0)	ND (2.0)	177.0	ND (2.0)	ND (2.0)	123.8	ND (2.0)	ND (2.0)	169.6	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)
Regulated Total	20	**131.0**	ND (2.0)	ND (2.0)	**150.0**	ND (2.0)	ND (2.0)	**107.8**	ND (2.0)	ND (2.0)	**153.6**	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	15 Hubbardston Road							
Flow Meter Reading (gallons)		51,567			55,729		59,969		
Sampling Date		10/26/2022			1/19/2023		4/25/2023		
Well Depth (feet): 285 (DEP Log)		**INF**	**MID**	**EFF**	**MID**	**EFF**	**INF**	**MID**	**EFF**
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		12	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	16	ND (2.0)	ND (2.1)
Perfluorohexanoic acid (PFHxA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	2.7	ND (2.0)	ND (2.1)
Perfluorohexanesulfonic acid (PFHxS)		120	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	130	ND (2.0)	ND (2.1)
Perfluoroheptanoic acid (PFHpA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorooctanoic acid (PFOA)		5.6	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	6.5	ND (2.0)	ND (2.1)
Perfluorooctanesulfonic acid (PFOS)		38	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	39	ND (2.0)	ND (2.1)
Perfluorononanoic acid (PFNA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorodecanoic acid (PFDA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
N-EtFOSAA		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluoroundecanoic acid (PFUnA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
N-MeFOSAA		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorododecanoic acid (PFDoA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorotridecanoic acid (PFTrDA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorotetradecanoic acid (PFTA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Total (All Compounds)		175.6	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	194.2	ND (2.0)	ND (2.1)
Regulated Total	20	**163.6**	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	**175.5**	ND (2.0)	ND (2.1)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	19 Hubbardston Rd											
Flow Meter Reading (gallons)		-	-	-	-			-		-	-		
Sampling Date		12/5/2019	2/1/2020	2/26/2020	6/5/2020			11/21/2020	1/23/2021	4/30/2021	11/6/2021	4/16/2022	1/28/2023
Well Depth (feet): UNKNOWN			**POET INSTALLED**	**EFF**	**INF**	**MID**	**EFF**	**INF**	**INF**	**INF**	**INF**	**INF**	**INF**
EPA 537.1 (ng/L)													
Perfluorobutanesulfonic acid (PFBS)		2.9		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	3.1	2.7	2.2	2.7	2.7	2
Perfluorohexanoic acid (PFHxA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		9.7		ND (2.0)	5.8	ND (2.0)	ND (2.0)	13	9.3	6.7	11	13	14
Perfluoroheptanoic acid (PFHpA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)	2- 2cf Vessels	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.2
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		12.6		ND (2.0)	5.8	ND (2.0)	ND (2.0)	16.1	12	8.9	13.7	15.7	18.2
Regulated Total	20	9.7		ND (2.0)	5.8	ND (2.0)	ND (2.0)	13	9.3	6.7	11	13.0	16.2

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	23 Hubbardston Rd									
Sampling Date		1/10/2020	1/27/2020	5/29/2020	10/2/2020	1/18/2021	4/22/2021	10/14/2021	4/11/2022	10/25/2022	4/26/2023
Well Depth (feet): UNKNOWN											
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	2.5
Perfluorooctanoic acid (PFOA)		4.9	5.0	4.1	2.6	3.9	4.7	5.5	4.0	2.2	6.7
Perfluorooctanesulfonic acid (PFOS)		4.1	3.7	3.3	2.3	2.7	3.2	4.5	3.2	2.6	6.4
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Total (All Compounds)		9.0	8.7	7.4	4.9	6.6	7.9	10	7.2	4.8	15.6
Regulated Total	20	9.0	8.7	7.4	4.9	6.6	7.9	10	7.2	4.8	15.6

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Tota
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standarc
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	33 Hubbardston Rd									
Sampling Date		2/5/2020	7/23/2020	1/21/2021	4/26/2021	10/18/2021	4/12/2022	10/27/2022	11/7/2022	12/6/2022	4/27/2023
Well Depth (feet): 305 (DEP Log)									**POET INSTALLED**	**EFF**	**INF**
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.1)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.1)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.1)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.1)
Perfluorooctanoic acid (PFOA)		ND (2.0)	2.1	ND (2.0)	2.1	ND (2.0)	ND (2.0)	ND (2.0)	1- 2cf Vessel	ND (2.0)	2.6
Perfluorooctanesulfonic acid (PFOS)		2.5	2.1	ND (2.0)	2.4	2.8	2.5	2.2		ND (2.0)	3.5
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.1)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.1)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.1)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.1)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.1)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.1)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.1)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.1)
Total (All Compounds)		2.5	4.2	ND (2.0)	4.5	2.8	2.5	2.2		ND (2.0)	6.1
Regulated Total	20	2.5	4.2	ND (2.0)	4.5	2.8	2.5	2.2		ND (2.0)	6.1

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	35 Hubbardston Rd										
Flow Meter Reading (gallons)		-	-	-	-	0	6,656		20,646	50,700		
Sampling Date		11/11/2020	4/26/2021	10/18/2021	4/12/2022	6/28/2022	7/27/2022	7/27/2022	10/28/2022	5/5/2023		
Well Depth (feet): UNKNOWN						**POET INSTALLED**	**MID**	**EFF**	**EFF**	**INF**	**MID**	**EFF**
EPA 537.1 (ng/L)												
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	2.6	2.8		ND (2.1)	ND (2.0)	ND (1.9)	3.2	ND (1.8)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	4.9	5		ND (2.1)	ND (2.0)	ND (1.9)	9.3	ND (1.8)	ND (1.9)
Perfluorooctanoic acid (PFOA)		7.5	8.9	17	16	2- 2cf Vessels	ND (2.1)	ND (2.0)	ND (1.9)	25	ND (1.8)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		8.4	8.2	16	14		ND (2.1)	ND (2.0)	ND (1.9)	22	ND (1.8)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (2.1)	ND (2.0)	ND (1.9)	3.9	ND (1.8)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (2.1)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Total (All Compounds)		15.9	17.1	40.5	37.8		ND (2.1)	ND (2.0)	ND (1.9)	63.4	ND (1.8)	ND (1.9)
Regulated Total	20	15.9	17.1	**37.9**	**35.0**		ND (2.1)	ND (2.0)	ND (1.9)	**60.2**	ND (1.8)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	36 Hubbardston Rd							
Sampling Date		2/6/2020	7/22/2020	1/21/2021	4/27/2021	10/18/2021	4/14/2022	10/25/2022	4/21/2023
Well Depth (feet): UNKNOWN									
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (2.0)	5.4	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	5.0	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Total (All Compounds)		ND (2.0)	10.4	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)
Regulated Total	20	ND (2.0)	10.4	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	39 Hubbardston Rd													
Flow Meter Reading (gallons)				540			1,566			2,417			26,418		
Sampling Date		1/22/2021	3/12/2021	3/25/2021			5/3/2021			5/27/2021			4/25/2023		
Well Depth (feet): 205 (DEP Log)			**POET INSTALLED**	**INF**	**MID**	**EFF**	**INF**	**MID**	**EFF**	**INF**	**MID**	**EFF**	**INF**	**MID**	**EFF**
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		3.1		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		2.4		2.2	ND (2.0)	ND (2.0)	2.1	ND (2.0)	ND (2.0)	2.1	ND (2.0)	ND (2.0)	3.5	ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)		9.6	ND (2.0)	ND (2.0)	9.1	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		3.4		8.3	ND (2.0)	ND (2.0)	7.6	ND (2.0)	ND (2.0)	3.4	ND (2.0)	ND (2.0)	6.1	ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		10.4	2- 2cf Vessels	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	14	ND (2.0)	ND (2.0)	19	ND (1.9)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		11		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	9.4	ND (2.0)	ND (2.0)	19	ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Total (All Compounds)		30.3		20.1	ND (2.0)	ND (2.0)	18.8	ND (2.0)	ND (2.0)	28.9	ND (2.0)	ND (2.0)	47.6	ND (1.9)	ND (1.9)
Regulated Total	20	**24.8**		17.9	ND (2.0)	ND (2.0)	16.7	ND (2.0)	ND (2.0)	**26.8**	ND (2.0)	ND (2.0)	**44.1**	ND (1.9)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	42 Hubbardston Rd													
Flow Meter Reading (gallons)		-					3,096			7,975			13,767		
Sampling Date		2/10/2020	7/23/2020		1/19/2021	3/2/2021	3/25/2021			4/26/2021			6/3/2021		
Well Depth (feet): 370 (DEP Log)				DUPLICATE		POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	2.1		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	4.1		2.3	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.3	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	6		3.1	ND (2.0)	ND (2.0)	2.7	ND (2.0)	ND (2.0)	2.9	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)	7.8	7.2	20	2- 2cf Vessels	14	ND (2.0)	ND (2.0)	11	ND (2.0)	ND (2.0)	12	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	7.9	8.5	12		13	ND (2.0)	ND (2.0)	9.2	ND (2.0)	ND (2.0)	10	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		ND (2.0)	15.7	15.7	44.2		32.4	ND (2.0)	ND (2.0)	22.9	ND (2.0)	ND (2.0)	27.2	ND (2.0)	ND (2.0)
Regulated Total	20	ND (2.0)	15.7	15.7	**38.0**		**30.1**	ND (2.0)	ND (2.0)	**22.9**	ND (2.0)	ND (2.0)	**24.9**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	42 Hubbardston Rd						
Flow Meter Reading (gallons)		78,280		104,499			Not Recorded	
Sampling Date		10/31/2022		5/5/2023			7/31/2023	
Well Depth (feet): 370 (DEP Log)		MID	EFF	INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)								
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (1.9)	2.8	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (1.9)	6.2	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (1.9)	17	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (1.9)	15	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (1.9)	1.9	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (1.9)	42.9	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Regulated Total	20	ND (2.0)	ND (1.9)	**40.1**	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	43 Hubbardston													
Flow Meter Reading (gallons)		-	-	2,655			4,953			7,349			11,146		
Sampling Date		12/12/2019	3/20/2020	5/8/2020			6/23/2020			7/31/2020			11/11/2020		
Well Depth (feet): 215 (DEP Log)			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		3.5		3.1	ND (2.0)	ND (2.0)	3.1	ND (2.0)	ND (2.0)	2.9	ND (2.0)	ND (2.0)	2.8	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		4.4		4.4	ND (2.0)	ND (2.0)	4.6	ND (2.0)	ND (2.0)	4.5	ND (2.0)	ND (2.0)	3.4	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		15	2- 2cf Vessels	15	ND (2.0)	ND (2.0)	15	ND (2.0)	ND (2.0)	14	ND (2.0)	ND (2.0)	11	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		10		10	ND (2.0)	ND (2.0)	12	ND (2.0)	ND (2.0)	9.9	ND (2.0)	ND (2.0)	9.3	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		33		32.5	ND (2.0)	ND (2.0)	34.7	ND (2.0)	ND (2.0)	31.3	ND (2.0)	ND (2.0)	26.5	ND (2.0)	ND (2.0)
Regulated Total	20	**29**		**29.4**	ND (2.0)	ND (2.0)	**31.6**	ND (2.0)	ND (2.0)	**28.4**	ND (2.0)	ND (2.0)	**23.7**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	43 Hubbardston													
Flow Meter Reading (gallons)		15,057			18,056			32,195		-		-	45,529		
Sampling Date		2/5/2021			4/27/2021			4/12/2022		7/27/2022		10/28/2022	1/20/2023		
Well Depth (feet): 215 (DEP Log)		INF	MID	EFF	INF	MID	EFF	MID	EFF	MID	EFF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		3.2	ND (2.0)	ND (2.0)	3.1	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		5.3	ND (2.0)	ND (2.0)	5.1	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		15	ND (2.0)	ND (2.0)	17	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		13	ND (2.0)	ND (2.0)	12	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Total (All Compounds)		36.5	ND (2.0)	ND (2.0)	37.2	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Regulated Total	20	**33.3**	ND (2.0)	ND (2.0)	**34.1**	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	43 Hubbardston		
Flow Meter Reading (gallons)		-		
Sampling Date		4/21/2023		
Well Depth (feet): 215 (DEP Log)		INF	MID	EFF
EPA 537.1 (ng/L)				
Perfluorobutanesulfonic acid (PFBS)		ND (1.9)	ND (1.9)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		2.8	ND (1.9)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (1.9)	ND (1.9)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		3.3	ND (1.9)	ND (2.0)
Perfluorooctanoic acid (PFOA)		9.1	ND (1.9)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		9.0	ND (1.9)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (1.9)	ND (1.9)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (1.9)	ND (1.9)	ND (2.0)
N-EtFOSAA		ND (1.9)	ND (1.9)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (1.9)	ND (1.9)	ND (2.0)
N-MeFOSAA		ND (1.9)	ND (1.9)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (1.9)	ND (1.9)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (1.9)	ND (1.9)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (1.9)	ND (1.9)	ND (2.0)
Total (All Compounds)		24.2	ND (1.9)	ND (2.0)
Regulated Total	20	**21.4**	ND (1.9)	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
olded values exceed the prposed Method 1 Standard
MCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	44 Hubbardston Rd								
Sampling Date		2/10/2020	7/23/2020	1/19/2021	4/26/2021	10/18/2021	4/11/2022	10/25/2022	11/7/2022	11/30/2022
Well Depth (feet): UNKNOWN									**POET INSTALLED**	**EFF**
EPA 537.1 (ng/L)										
Perfluorobutanesulfonic acid (PFBS)		ND (4.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (4.0)	2.2	ND (2.0)	ND (2.0)	1.8	ND (2.0)	ND (2.0)		ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (4.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (4.0)	2.1	ND (2.0)	ND (2.0)	2.4	ND (2.0)	ND (2.0)		ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (4.0)	7.1	3.3	2.8	9.1	3.9	6.7	1- 2cf Vessel	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		ND (4.0)	5.6	3.3	2.7	7.9	4	4.8		ND (1.8)
Perfluorononanoic acid (PFNA)		ND (4.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (4.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)
N-EtFOSAA		ND (4.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (4.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)
N-MeFOSAA		ND (4.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (4.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (4.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (4.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)
Total (All Compounds)		ND (4.0)	17	6.6	5.5	21.2	7.9	11.5		ND (1.8)
Regulated Total	20	ND (4.0)	14.8	6.6	5.5	19.4	7.9	11.5		ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	46 Hubbardston Rd									
Sampling Date		2/12/2020		7/23/2020	1/22/2021	4/26/2021	12/2/2021	4/15/2022	10/27/2022	4/26/2023	
Well Depth (feet): 205 (DEP Log)			**POET INSTALLED**	**INF**	**INF**	**INF**	**INF**	**INF**	**INF**	**INF**	**EFF**
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)		ND (2.0)	2.6	ND (2.0)	2.2	ND (1.9)	ND (1.9)	2.3	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)		2.2	2.4	ND (2.0)	ND (2.0)	ND (1.9)	2	1.9	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)		2.4	2.4	ND (2.0)	ND (2.0)	ND (1.9)	2.1	ND (1.8)	ND (1.9)
Perfluorooctanoic acid (PFOA)		6.2	2-2cf Vessels	8.8	6	6.1	5.1	6.4	6.8	4.0	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		6		6.2	5.7	4.9	4.3	4.5	6.1	3.7	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Total (All Compounds)		12.2		19.6	19.1	11	11.6	10.9	17	11.9	ND (1.9)
Regulated Total	20	12.2		17.4	14.1	11	9.4	10.9	15	7.7	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	48 Hubbardston Rd									
Sampling Date		2/12/2020	7/23/2020	1/22/2021	3/3/2021	4/19/2021	10/18/2021	4/11/2022	10/25/2022	10/26/2022	11/30/2022
Well Depth (feet): UNKNOWN										**POET INSTALLED**	**EFF**
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	2.4	ND (2.0)	ND (2.0)	3	2.1	3.5		ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	3.7	1.9	1-2cf Vessel	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2	1.9	ND (1.9)		ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.8)
Total (All Compounds)		ND (2.0)	ND (2.0)	2.4	ND (2.0)	ND (2.0)	5	7.7	5.4		ND (1.8)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2	5.6	1.9		ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	52 Hubbardston Rd					
Sampling Date		2/12/2020	9/18/2020	1/29/2021	4/26/2021	11/8/2021	10/26/2022
Well Depth (feet): 15							
EPA 537.1 (ng/L)							
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	68 Hubbardston Rd			
Sampling Date		11/17/2021	4/15/2022	10/26/2022	5/9/2023
Well Depth (feet): UNKNOWN					
EPA 537.1 (ng/L)					
Perfluorobutanesulfonic acid (PFBS)		2.6	ND (2.4)	ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		2.2	4.6	ND (1.9)	3.6
Perfluorohexanesulfonic acid (PFHxS)		2.1	ND (2.4)	ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.4)	ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		3.8	5	ND (1.9)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.4)	ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.4)	ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.4)	ND (1.9)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.4)	ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.4)	ND (1.9)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.4)	ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.4)	ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.4)	ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.4)	ND (1.9)	ND (1.9)
Total (All Compounds)		10.7	9.6	ND (1.9)	3.6
Regulated Total	20	5.9	5	ND (1.9)	3.6

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	73 Hubbardston Rd								
Sampling Date		6/11/2020	10/2/2020	5/3/2021	10/19/2021	4/15/2022	10/25/2022	1/18/2023	4/27/2023	
Well Depth (feet): UNKNOWN								**POET INSTALLED**	**INF**	**EFF**
EPA 537.1 (ng/L)										
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)		ND (1.8)	ND(1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)		ND (1.8)	ND(1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)		ND (1.8)	ND(1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)		ND (1.8)	ND(1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	2.6	1-2cf Vessel	ND (1.8)	ND(1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)		ND (1.8)	ND(1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)		ND (1.8)	ND(1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)		ND (1.8)	ND(1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)		ND (1.8)	ND(1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)		ND (1.8)	ND(1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)		ND (1.8)	ND(1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)		ND (1.8)	ND(1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)		ND (1.8)	ND(1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)		ND (1.8)	ND(1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	2.6		ND (1.8)	ND(1.9)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	2.6		ND (1.8)	ND(1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	80 Hubbardston Rd			
Sampling Date		12/16/2021	4/13/2022	10/28/2022	4/25/2023
Well Depth (feet): 132					
EPA 537.1 (ng/L)					
Perfluorobutanesulfonic acid (PFBS)		ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
N-EtFOSAA		ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
N-MeFOSAA		ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Total (All Compounds)		ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Regulated Total	20	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	81 Hubbardston Rd						
Sampling Date		4/28/2020	10/2/2020	5/3/2021	10/19/2021	4/19/2022	10/26/2022	4/26/2023
Well Depth (feet): 500								
EPA 537.1 (ng/L)								
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	55 Merriam Road						
Sampling Date		2/5/2021	4/26/2021	11/11/2021	5/4/2022	10/26/2022	1/18/2023	4/27/2023
Well Depth (feet): UNKNOWN								
EPA 537.1 (ng/L)								
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	11	ND (1.9)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	11	ND (1.9)	ND (2.0)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND (1.9)	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	57 Merriam Road															
Sampling Date		-	4/28/2020	4/28/2020	10/1/2020		1/21/2021		2/24/2021		4/26/2021	10/18/2021	4/11/2022		10/24/2022	4/27/2023	
Well Depth (feet): UNKNOWN		**POET INSTALLED**		**EFF**	**INF**	**EFF**	**INF**	**EFF**	**INF**	**EFF**	**INF**	**INF**	**INF**	**EFF**	**INF**	**INF**	**EFF**
EPA 537.1 (ng/L)																	
Perfluorobutanesulfonic acid (PFBS)			ND (2.0)	ND (2.0)	ND (2.0)	-	ND (2.0)	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND 1.9)
Perfluorohexanoic acid (PFHxA)			ND (2.0)	ND (2.0)	ND (2.0)	-	ND (2.0)	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND 1.9)
Perfluorohexanesulfonic acid (PFHxS)			ND (2.0)	ND (2.0)	ND (2.0)	-	ND (2.0)	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND 1.9)
Perfluoroheptanoic acid (PFHpA)			ND (2.0)	ND (2.0)	ND (2.0)	-	2.3	-	3.4*	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND 1.9)
Perfluorooctanoic acid (PFOA)		1 2-cf Vessel	2.5	ND (2.0)	ND (2.0)	-	6.7	-	5.1	ND (2.0)	4.6	5.5	2.6	ND (2.0)	ND (2.0)	5.1	ND 1.9)
Perfluorooctanesulfonic acid (PFOS)			4.3	ND (2.0)	ND (2.0)	-	8.7	-	7.2	ND (2.0)	6.6	8.5	4.8	ND (2.0)	3.0	2.6	ND 1.9)
Perfluorononanoic acid (PFNA)			ND (2.0)	ND (2.0)	ND (2.0)	-	ND (2.0)	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND 1.9)
Perfluorodecanoic acid (PFDA)			ND (2.0)	ND (2.0)	ND (2.0)	-	ND (2.0)	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND 1.9)
N-EtFOSAA			ND (2.0)	ND (2.0)	ND (2.0)	-	ND (2.0)	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND 1.9)
Perfluoroundecanoic acid (PFUnA)			ND (2.0)	ND (2.0)	ND (2.0)	-	ND (2.0)	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND 1.9)
N-MeFOSAA			ND (2.0)	ND (2.0)	ND (2.0)	-	ND (2.0)	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND 1.9)
Perfluorododecanoic acid (PFDoA)			ND (2.0)	ND (2.0)	ND (2.0)	-	ND (2.0)	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND 1.9)
Perfluorotridecanoic acid (PFTrDA)			ND (2.0)	ND (2.0)	ND (2.0)	-	ND (2.0)	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND 1.9)
Perfluorotetradecanoic acid (PFTA)			ND (2.0)	ND (2.0)	ND (2.0)	-	ND (2.0)	-	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (1.8)	ND 1.9)
Total (All Compounds)			6.8	ND (2.0)	ND (2.0)	-	17.7	-	12.3	ND (2.0)	11.2	14	7.4	ND (2.0)	3.0	7.7	ND 1.9)
Regulated Total	20		6.8	ND (2.0)	ND (2.0)	-	17.7	-	12.3	ND (2.0)	11.2	14	7.4	ND (2.0)	3.0	7.7	ND 1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Tota
ND = Not detected above the lab reporting limits shown in parentheses
Bolded values exceed the prposed Method 1 Standar
MMCL is Massachusetts Maximun Contaminant Level
* PFHpA also detected in both the field blank and trip blank, therefore the reported result is considered invalid. Confirmed as laboratory contaminant. Result is not included in total. Reference lab reports 21B0096_2 and 21B0997.

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	58 Merriam Rd	
Sampling Date		10/6/2020	1/21/2021
Well Depth (feet): UNKNOWN			
EPA 537.1 (ng/L)			
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)
Total (All Compounds)		ND (2.0)	ND (2.0)
Regulated Total	20	ND (2.0)	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	59 Merriam Rd						
Sampling Date		4/28/2020	10/1/2020	4/26/2021	10/19/2021	4/15/2022	10/27/2022	4/25/2023
Well Depth (feet): 50								
EPA 537.1 (ng/L)								
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	70 Merriam Rd								
Sampling Date		4/28/2020	10/8/2020	1/22/2021	4/30/2021	11/4/2021	4/15/2022	10/26/2022	11/23/2022	4/20/2023
Well Depth (feet): 167									**RESAMPLE**	
EPA 537.1 (ng/L)										
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	2.9	ND (1.9)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	5.6	ND (1.9)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	5.6	ND (1.9)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	14.1	ND (1.9)	ND (2.0)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	14.1	ND (1.9)	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	85 Merriam Rd												
Flow Meter Reading (gallons)												77,985		-
Sampling Date		2/26/2020	7/22/2020	1/21/2021	4/19/2021	10/19/2021		4/12/2022		10/24/2022	12/2/2022	1/20/2023		5/9/2023
Well Depth (feet): 485							**POET INSTALLED**	**INF**	**EFF**	**INF**	**2nd GAC VESSEL INSTALLED**	**MID**	**EFF**	**INF**
EPA 537.1 (ng/L)														
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9	ND (2.1)	2.2		ND (2.0)	ND (2.0)	3.5
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.1		2.2	ND (2.1)	3.1		ND (2.0)	ND (2.0)	3.1
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9	ND (2.1)	ND (2.1)		ND (2.0)	ND (2.0)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	2	2	2.4		2.6	ND (2.1)	3.8		ND (2.0)	ND (2.0)	3.2
Perfluorooctanoic acid (PFOA)		4.1	5.1	4.8	5.9	7.3	1-2cf Vessel	8.0	ND (2.1)	11	2-2cf Vessels	ND (2.0)	ND (2.0)	10
Perfluorooctanesulfonic acid (PFOS)		2.7	2.9	3	3.2	5.1		5.7	ND (2.1)	8.0		ND (2.0)	ND (2.0)	6.0
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9	ND (2.1)	ND (2.1)		ND (2.0)	ND (2.0)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9	ND (2.1)	ND (2.1)		ND (2.0)	ND (2.0)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9	ND (2.1)	ND (2.1)		ND (2.0)	ND (2.0)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9	ND (2.1)	ND (2.1)		ND (2.0)	ND (2.0)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9	ND (2.1)	ND (2.1)		ND (2.0)	ND (2.0)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9	ND (2.1)	ND (2.1)		ND (2.0)	ND (2.0)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9	ND (2.1)	ND (2.1)		ND (2.0)	ND (2.0)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9	ND (2.1)	ND (2.1)		ND (2.0)	ND (2.0)	ND (1.8)
Total (All Compounds)		6.8	8.0	9.8	11.1	16.9		18.5	ND (2.1)	28.1		ND (2.0)	ND (2.0)	25.8
Regulated Total	20	6.8	8.0	9.8	11.1	14.8		16.3	ND (2.1)	**22.8**		ND (2.0)	ND (2.0)	**19.2**

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	104 Merriam Road
Sampling Date		7/31/2023
Well Depth (feet): UNKNOWN		
EPA 537.1 (ng/L)		
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)
N-EtFOSAA		ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)
N-MeFOSAA		ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)
Total (All Compounds)		ND (2.0)
Regulated Total	20	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	105 Merriam Rd							
Sampling Date		2/28/2020	7/21/2020	1/20/2021	4/26/2021	10/18/2021	4/13/2022	10/24/2022	4/21/2023
Well Depth (feet): UNKNOWN									
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.3
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.3
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.3

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	2 Mountain Rd									
Sampling Date		1/7/2020	6/5/2020	10/7/2020	1/22/2021	4/26/2021	10/18/2021	4/6/2022	10/26/2022	10/26/2022	11/30/2022
Well Depth (feet): UNKNOWN										**POET INSTALLED**	**EFF**
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	2	ND (2.0)	ND (2.0)	ND 1.9)	ND 1.9)		ND 1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND 1.9)	ND 1.9)		ND 1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	2.1	ND (2.0)	3.2	3.8	3.2	6.1	3.3		ND 1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND 1.9)	ND 1.9)		ND 1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2	ND 1.9)	1-2cf Vessel	ND 1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2	2.2	ND 1.9)		ND 1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND 1.9)	ND 1.9)		ND 1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND 1.9)	ND 1.9)		ND 1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND 1.9)	ND 1.9)		ND 1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND 1.9)	ND 1.9)		ND 1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND 1.9)	ND 1.9)		ND 1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND 1.9)	ND 1.9)		ND 1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND 1.9)	ND 1.9)		ND 1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND 1.9)	ND 1.9)		ND 1.9)
Total (All Compounds)		ND (2.0)	2.1	ND (2.0)	5.2	3.8	5.2	10.3	3.3		ND 1.9)
Regulated Total	20	ND (2.0)	2.1	ND (2.0)	3.2	3.8	5.2	10.3	3.3		ND 1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
POET System Monitoring
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	6 Mountain Road													
Flow Meter Reading (gallons)		-	-	1,557			Not Recorded			20,718			25,830		
Sampling Date		12/5/2019	1/28/2020	2/5/2020			3/5/2020			5/8/2020			6/23/2020		
Well Depth (feet): UNKNOWN			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		8.4		3.7	ND (2.0)	ND (2.0)	5.8	ND (2.0)	ND (2.0)	4.3	ND (2.0)	ND (2.0)	4.1	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.5	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		23		12	ND (2.0)	ND (2.0)	17	ND (2.0)	ND (2.0)	14	ND (2.0)	ND (2.0)	16	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		2.4	2-scf Vessels	2.1	ND (2.0)	ND (2.0)	2.5	ND (2.0)	ND (2.0)	2.5	ND (2.0)	ND (2.0)	8.2	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		4.7		4.1	ND (2.0)	ND (2.0)	5	ND (2.0)	ND (2.0)	4	ND (2.0)	ND (2.0)	11	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	3.2	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		38.5		21.9	ND (2.0)	ND (2.0)	30.3	ND (2.0)	ND (2.0)	24.8	ND (2.0)	ND (2.0)	45.0	ND (2.0)	ND (2.0)
Regulated Total	20	**30.1**		18.2	ND (2.0)	ND (2.0)	**24.5**	ND (2.0)	ND (2.0)	**20.5**	ND (2.0)	ND (2.0)	**38.4**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	6 Mountain Road													
Flow Meter Reading (gallons)		31,079			Not Recorded			71,731			84,195			138,784	
Sampling Date		7/29/2020			11/6/2020			2/5/2021			4/19/2021			4/12/2022	
Well Depth (feet): UNKNOWN		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		3.7	ND (2.0)	ND (2.0)	5.5	ND (2.0)	ND (2.0)	6.6	ND (2.0)	ND (2.0)	6.4	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		13	ND (2.0)	ND (2.0)	21	ND (2.0)	ND (2.0)	28	ND (2.0)	ND (2.0)	29	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (2.0)	2.7	ND (2.0)	ND (2.0)	2.6	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		3.5	ND (2.0)	ND (2.0)	5.1	ND (2.0)	ND (2.0)	5.7	ND (2.0)	ND (2.0)	5.8	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)
Total (All Compounds)		20.2	ND (2.0)	ND (2.0)	33.8	ND (2.0)	ND (2.0)	43.0	ND (2.0)	ND (2.0)	43.8	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)
Regulated Total	20	16.5	ND (2.0)	ND (2.0)	**28.3**	ND (2.0)	ND (2.0)	**36.4**	ND (2.0)	ND (2.0)	**37.4**	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	6 Mountain Road							
Flow Meter Reading (gallons)		Not Recorded		168,245		180,336		209,298	
Sampling Date		7/28/2022		10/26/2022		1/19/2023		8/1/2023	
Well Depth (feet): UNKNOWN		MID	EFF	MID	EFF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
N-EtFOSAA		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
N-MeFOSAA		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Total (All Compounds)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)
Regulated Total	20	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Tota
ND = Not detected above the lab reporting limits shown in parentheses
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	10 Mountain Rd										
Sampling Date		12/5/2019	6/11/2020	10/7/2020	1/21/2021	2/1/2021	2/15/2021	4/19/2021	10/19/2021	4/15/2022	10/27/2022	4/26/2023
Well Depth (feet): 415 (DEP Log)						**POET INSTALLED**	**EFF**	**INF**	**INF**	**INF**	**INF**	**INF**
EPA 537.1 (ng/L)												
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	2.5	ND (2.0)	2.2		ND (2.0)	2.6	2.3	2.6	ND (2.1)	2.4
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.1)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	4.5	3.2	3.8		ND (2.0)	5.5	7.8	8.7	5.8	11
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.1)
Perfluorooctanoic acid (PFOA)		ND (2.0)	3.4	ND (2.0)	2.3	2-2cf Vessels	ND (2.0)	2.7	2.8	2.6	ND (2.1)	2.6
Perfluorooctanesulfonic acid (PFOS)		2.0	3.0	ND (2.0)	2.1		ND (2.0)	3.3	3	2.4	2.7	3.1
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.1)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.1)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.1)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.1)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.1)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.1)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.1)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.1)
Total (All Compounds)		2.0	13.4	3.2	10.4		ND (2.0)	14.1	15.9	16.3	8.5	19.1
Regulated Total	20	2.0	10.9	3.2	8.2		ND (2.0)	11.5	13.6	13.7	8.5	16.7

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	14 Mountain Rd								
Sampling Date		1/9/2020	1/22/2020	5/29/2020	11/11/2020	1/22/2021	4/20/2021	10/19/2021	4/15/2022	10/26/2022
Well Depth (feet): 500										
EPA 537.1 (ng/L)										
Perfluorobutanesulfonic acid (PFBS)		7.4	8.7	7.8	7.7	10	8.5	7.9	7.4	5
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.1	1.9
Perfluorohexanesulfonic acid (PFHxS)		30	35	33	34	46	42	58	51	49
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorooctanoic acid (PFOA)		2.6	2.3	3.3	2.5	3.6	3.3	3.1	3.4	3.7
Perfluorooctanesulfonic acid (PFOS)		6.1	7.8	7	5.1	9.3	8	11	11	10
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)
Total (All Compounds)		46.1	53.8	51.1	49.3	68.9	61.8	80.0	74.9	69.6
Regulated Total	20	**38.7**	**45.1**	**43.3**	**41.6**	**58.9**	**53.3**	**72.1**	**65.4**	**62.7**

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
POET System Monitoring
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	18 Mountain Road													
Flow Meter Reading (gallons)		-	-	229			1,237			5,737			11,780		
Sampling Date		1/10/2020	2/11/2020	2/14/2020			3/11/2020			5/1/2020			6/18/2020		
Well Depth (feet): UNKNOWN			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		25		20	ND (2.0)	ND (2.0)	27	ND (2.0)	ND (2.0)	15	ND (2.0)	ND (2.0)	7.9	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		3.4		2.8	ND (2.0)	ND (2.0)	3.1	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		150		110	ND (2.0)	ND (2.0)	160	ND (2.0)	ND (2.0)	88	ND (2.0)	ND (2.0)	44	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		6.4	2-6cf Vessels	5.6	ND (2.0)	ND (2.0)	6.4	ND (2.0)	ND (2.0)	4.9	ND (2.0)	ND (2.0)	3.1	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		61.0		50	ND (2.0)	ND (2.0)	61	ND (2.0)	ND (2.0)	36	ND (2.0)	ND (2.0)	24	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		245.8		188.4	ND (2.0)	ND (2.0)	257.5	ND (2.0)	ND (2.0)	143.9	ND (2.0)	ND (2.0)	79.0	ND (2.0)	ND (2.0)
Regulated Total	20	**217.4**		**165.6**	ND (2.0)	ND (2.0)	**227.4**	ND (2.0)	ND (2.0)	**128.9**	ND (2.0)	ND (2.0)	**71.1**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	18 Mountain Rd											
Flow Meter Reading (gallons)		20,025			27,827			34,958			39,421		
Sampling Date		7/29/2020			11/3/2020			1/29/2021			4/20/2021		
Well Depth (feet): UNKNOWN		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)													
Perfluorobutanesulfonic acid (PFBS)		6.8	ND (2.0)	ND (2.0)	4.8	ND (2.0)	ND (2.0)	10	ND (2.0)	ND (2.0)	24	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		42	ND (2.0)	ND (2.0)	28	ND (2.0)	ND (2.0)	55	ND (2.0)	ND (2.0)	160	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		2.4	ND (2.0)	ND (2.0)	2.6	ND (2.0)	ND (2.0)	4.1	ND (2.0)	ND (2.0)	6.3	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		21	ND (2.0)	ND (2.0)	16	ND (2.0)	ND (2.0)	32	ND (2.0)	ND (2.0)	58	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		72.2	ND (2.0)	ND (2.0)	51.4	ND (2.0)	ND (2.0)	101.1	ND (2.0)	ND (2.0)	250.5	ND (2.0)	ND (2.0)
Regulated Total	20	**65.4**	ND (2.0)	ND (2.0)	**46.6**	ND (2.0)	ND (2.0)	**91.1**	ND (2.0)	ND (2.0)	**224.3**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	18 Mountain Rd											
Flow Meter Reading (gallons)		-			66,747		79,504		88,523			96,139	
Sampling Date		10/19/2021			4/12/2022		7/26/2022		10/25/2022			1/20/2023	
Notes		INF	MID	EFF	MID	EFF	MID	EFF	INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)													
Perfluorobutanesulfonic acid (PFBS)		24	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	20	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		3.8	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	2.1	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		180	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	190	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		8.1	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	8.5	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		84	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	75	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
N-EtFOSAA		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
N-MeFOSAA		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Total (All Compounds)		299.9	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	295.6	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Regulated Total	20	**272.1**	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	**273.5**	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	18 Mountain Rd				
Flow Meter Reading (gallons)		102,282			Not Recorded	
Sampling Date		4/26/2023			7/31/2023	
Notes		INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)						
Perfluorobutanesulfonic acid (PFBS)		16	ND (1.8)	ND (2.1)	ND (1.9)	ND (2.1)
Perfluorohexanoic acid (PFHxA)		2.6	ND (1.8)	ND (2.1)	ND (1.9)	ND (2.1)
Perfluorohexanesulfonic acid (PFHxS)		140	ND (1.8)	ND (2.1)	ND (1.9)	ND (2.1)
Perfluoroheptanoic acid (PFHpA)		ND (1.9)	ND (1.8)	ND (2.1)	ND (1.9)	ND (2.1)
Perfluorooctanoic acid (PFOA)		6.0	ND (1.8)	ND (2.1)	ND (1.9)	ND (2.1)
Perfluorooctanesulfonic acid (PFOS)		61	ND (1.8)	ND (2.1)	ND (1.9)	ND (2.1)
Perfluorononanoic acid (PFNA)		ND (1.9)	ND (1.8)	ND (2.1)	ND (1.9)	ND (2.1)
Perfluorodecanoic acid (PFDA)		ND (1.9)	ND (1.8)	ND (2.1)	ND (1.9)	ND (2.1)
N-EtFOSAA		ND (1.9)	ND (1.8)	ND (2.1)	ND (1.9)	ND (2.1)
Perfluoroundecanoic acid (PFUnA)		ND (1.9)	ND (1.8)	ND (2.1)	ND (1.9)	ND (2.1)
N-MeFOSAA		ND (1.9)	ND (1.8)	ND (2.1)	ND (1.9)	ND (2.1)
Perfluorododecanoic acid (PFDoA)		ND (1.9)	ND (1.8)	ND (2.1)	ND (1.9)	ND (2.1)
Perfluorotridecanoic acid (PFTrDA)		ND (1.9)	ND (1.8)	ND (2.1)	ND (1.9)	ND (2.1)
Perfluorotetradecanoic acid (PFTA)		ND (1.9)	ND (1.8)	ND (2.1)	ND (1.9)	ND (2.1)
Total (All Compounds)		226	ND (1.8)	ND (2.1)	ND (1.9)	ND (2.1)
Regulated Total	20	**207**	ND (1.8)	ND (2.1)	ND (1.9)	ND (2.1)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
POET System Monitoring
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	19 Mountain Rd														
Flow Meter Reading (gallons)		NA	NA	-			400			6,533			12,367			
Sampling Date		12/4/2019	1/10/2020	1/10/2020			1/17/2020			1/31/2020			3/3/2020			
Well Depth (feet): UNKNOWN			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	
EPA 537.1 (ng/L)																
Perfluorobutanesulfonic acid (PFBS)		32		9.2	ND (2.0)	ND (2.0)	28	ND (2.0)	ND (2.0)	6.3	ND (2.0)	ND (2.0)	7.1	ND (2.0)	ND (2.0)	
Perfluorohexanoic acid (PFHxA)		5.1		ND (2.0)	ND (2.0)	ND (2.0)	4.4	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorohexanesulfonic acid (PFHxS)		220		58	ND (2.0)	ND (2.0)	190	ND (2.0)	ND (2.0)	38	ND (2.0)	ND (2.0)	39	ND (2.0)	ND (2.0)	
Perfluoroheptanoic acid (PFHpA)		2.5		ND (2.0)	ND (2.0)	ND (2.0)	2.3	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorooctanoic acid (PFOA)		11	2-6cf Vessels	3.5	ND (2.0)	ND (2.0)	8.9	ND (2.0)	ND (2.0)	3	ND (2.0)	ND (2.0)	3.1	ND (2.0)	ND (2.0)	
Perfluorooctanesulfonic acid (PFOS)		190		48	ND (2.0)	ND (2.0)	140	ND (2.0)	ND (2.0)	32	ND (2.0)	ND (2.0)	28	ND (2.0)	ND (2.0)	
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Total (All Compounds)		460.6		118.7	ND (2.0)	ND (2.0)	373.6	ND (2.0)	ND (2.0)	79.3	ND (2.0)	ND (2.0)	77.2	ND (2.0)	ND (2.0)	
Regulated Total	20	**421**		**109.5**	ND (2.0)	ND (2.0)	**341.2**	ND (2.0)	ND (2.0)	**73**	ND (2.0)	ND (2.0)	**70.1**	ND (2.0)	ND (2.0)	

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	19 Mountain Rd														
Flow Meter Reading (gallons)		25,926			32,780			40,864			58,721			77,051		
Sampling Date		5/8/2020			6/18/2020			7/29/2020			11/3/2020			1/29/2021		
Well Depth (feet): UNKNOWN		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)																
Perfluorobutanesulfonic acid (PFBS)		11	ND (2.0)	ND (2.0)	42	ND (2.0)	ND (2.0)	12	ND (2.0)	ND (2.0)	28	ND (2.0)	ND (2.0)	13	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		2.6	ND (2.0)	ND (2.0)	8	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	5.5	ND (2.0)	ND (2.0)	3.3	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		71	ND (2.0)	ND (2.0)	350	ND (2.0)	ND (2.0)	80	ND (2.0)	ND (2.0)	210	ND (2.0)	ND (2.0)	81	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	3.7	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.5	ND (2.0)	ND (2.0)	2.1	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		4.2	ND (2.0)	ND (2.0)	12	ND (2.0)	ND (2.0)	4	ND (2.0)	ND (2.0)	9.9	ND (2.0)	ND (2.0)	6.2	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		44	ND (2.0)	ND (2.0)	230	ND (2.0)	ND (2.0)	55	ND (2.0)	ND (2.0)	150	ND (2.0)	ND (2.0)	71	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		132.8	ND (2.0)	ND (2.0)	645.7	ND (2.0)	ND (2.0)	151.0	ND (2.0)	ND (2.0)	405.9	ND (2.0)	ND (2.0)	176.6	ND (2.0)	ND (2.0)
Regulated Total	20	**119.2**	ND (2.0)	ND (2.0)	**595.7**	ND (2.0)	ND (2.0)	**139.0**	ND (2.0)	ND (2.0)	**372.4**	ND (2.0)	ND (2.0)	**160.3**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	19 Mountain Rd														
Flow Meter Reading (gallons)		92,089			134,104			158,393			173,396		187,338		198,708	
Sampling Date		4/22/2021			11/3/2021			4/12/2022			7/26/2022		11/2/2022		1/18/2023	
Notes		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	MID	EFF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)																
Perfluorobutanesulfonic acid (PFBS)		21	ND (2.0)	ND (2.0)	12	ND (1.9)	ND (1.8)	18	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.7)
Perfluorohexanoic acid (PFHxA)		6.1	ND (2.0)	ND (2.0)	2.8	ND (1.9)	ND (1.8)	4.1	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.7)
Perfluorohexanesulfonic acid (PFHxS)		170	ND (2.0)	ND (2.0)	96	ND (1.9)	ND (1.8)	140	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.7)
Perfluoroheptanoic acid (PFHpA)		2.3	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	1.9	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.7)
Perfluorooctanoic acid (PFOA)		9.2	ND (2.0)	ND (2.0)	6.8	ND (1.9)	ND (1.8)	7.3	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.7)
Perfluorooctanesulfonic acid (PFOS)		130	ND (2.0)	ND (2.0)	110	ND (1.9)	ND (1.8)	120	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.7)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.7)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.7)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.7)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.7)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.7)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.7)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.7)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.7)
Total (All Compounds)		338.6	ND (2.0)	ND (2.0)	227.6	ND (1.9)	ND (1.8)	291.3	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.7)
Regulated Total	20	**311.5**	ND (2.0)	ND (2.0)	**212.8**	ND (1.9)	ND (1.8)	**269.2**	ND (1.8)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.7)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	19 Mountain Rd				
Flow Meter Reading (gallons)		214,146			225,522	
Sampling Date		4/21/2023			7/31/2023	
Notes		INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)						
Perfluorobutanesulfonic acid (PFBS)		15	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		5.3	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		150	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		2.5	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		8.1	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		110	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (1.8)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)
Total (All Compounds)		290.9	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)
Regulated Total	20	**270.6**	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the proposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
POET System Monitoring
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	20 Mountain Road													
Flow Meter Reading (gallons)		-	-	295			-			13,640			16,740		
Sampling Date		1/10/2020	2/11/2020	2/14/2020			3/17/2020			6/18/2020			7/29/2020		
Well Depth (feet): UNKNOWN			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		12		14	ND (2.0)	ND (2.0)	15	ND (2.0)	ND (2.0)	19	ND (2.0)	ND (2.0)	18	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)		2.1	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.7	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		60		74	ND (2.0)	ND (2.0)	78	ND (2.0)	ND (2.0)	120	ND (2.0)	ND (2.0)	110	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		3.5	2-2cf Vessels	4.1	ND (2.0)	ND (2.0)	4.2	ND (2.0)	ND (2.0)	5.2	ND (2.0)	ND (2.0)	4.3	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		22		28	ND (2.0)	ND (2.0)	30	ND (2.0)	ND (2.0)	44	ND (2.0)	ND (2.0)	44	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		97.5		122.2	ND (2.0)	ND (2.0)	127.2	ND (2.0)	ND (2.0)	190.9	ND (2.0)	ND (2.0)	176.3	ND (2.0)	ND (2.0)
Regulated Total	20	**86**		**106.1**	ND (2.0)	ND (2.0)	**112.2**	ND (2.0)	ND (2.0)	**169.2**	ND (2.0)	ND (2.0)	**158.3**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	20 Mountain Road													
Flow Meter Reading (gallons)		25,895			31,955			39,074			-			75,335	
Sampling Date		11/18/2020			1/29/2021			4/26/2021			4/15/2022			7/27/2022	
Well Depth (feet): UNKNOWN		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		18	ND (2.0)	ND (2.0)	22	ND (2.0)	ND (2.0)	17	ND (2.0)	ND (2.0)	17	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		2.9	ND (2.0)	ND (2.0)	3.1	ND (2.0)	ND (2.0)	3.1	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		110	ND (2.0)	ND (2.0)	130	ND (2.0)	ND (2.0)	97	ND (2.0)	ND (2.0)	120	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		6.1	ND (2.0)	ND (2.0)	6.4	ND (2.0)	ND (2.0)	4.9	ND (2.0)	ND (2.0)	5.1	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		43	ND (2.0)	ND (2.0)	51	ND (2.0)	ND (2.0)	38	ND (2.0)	ND (2.0)	38	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Total (All Compounds)		180.0	ND (2.0)	ND (2.0)	212.5	ND (2.0)	ND (2.0)	160.0	ND (2.0)	ND (2.0)	180.1	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)
Regulated Total	20	**159.1**	ND (2.0)	ND (2.0)	**187.4**	ND (2.0)	ND (2.0)	**139.9**	ND (2.0)	ND (2.0)	**163.1**	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	20 Mountain Road				
Flow Meter Reading (gallons)		93,135		104,157	Not Recorded	
Sampling Date		1/10/2023		3/21/2023	7/31/2023	
Well Depth (feet): UNKNOWN		INF*	MID	EFF	MID	EFF
EPA 537.1 (ng/L)						
Perfluorobutanesulfonic acid (PFBS)		22	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		3.1	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		170	ND (2.0)	ND (1.8)	2.0	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		7.7	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		68	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)
Total (All Compounds)		270.8	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)
Regulated Total	20	**245.7**	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Tota
ND = Not detected above the lab reporting limits shown in parentheses
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level
Note: sample marked as effluent in error on laboratory report 23A2170

TABLE 1
POET System Monitoring
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	21 Mountain Rd													
Flow Meter Reading (gallons)		NA	NA	161			3,726			5,410			14,256		
Sampling Date		12/5/2020	1/21/2020	1/24/2020			1/31/2020			2/7/2020			3/17/2020		
Well Depth (feet): 300			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		8.2		7.5	ND (2.0)	ND (2.0)	5.5	ND (2.0)	ND (2.0)	4.3	ND (2.0)	ND (2.0)	7.4	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		2.4		2.0	ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (2.0)	3.2	ND (2.0)	ND (2.0)	3	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		53		47	ND (2.0)	ND (2.0)	37	ND (2.0)	ND (2.0)	28	ND (2.0)	ND (2.0)	46	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.1	ND (2.0)	ND (2.0)	3.2	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		5.4	2-2cf Vessels	4.6	ND (2.0)	ND (2.0)	5.7	ND (2.0)	ND (2.0)	5.4	ND (2.0)	ND (2.0)	4.7	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		44		37	ND (2.0)	ND (2.0)	35	ND (2.0)	ND (2.0)	26	ND (2.0)	ND (2.0)	35	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		113		98.1	ND (2.0)	ND (2.0)	85.4	ND (2.0)	ND (2.0)	69.0	ND (2.0)	ND (2.0)	99.3	ND (2.0)	ND (2.0)
Regulated Total	20	**102.4**		**88.6**	ND (2.0)	ND (2.0)	**77.7**	ND (2.0)	ND (2.0)	**61.5**	ND (2.0)	ND (2.0)	**88.9**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	21 Mountain Rd													
Flow Meter Reading (gallons)		28,173			63,830			78,724			112,079			135,525	
Sampling Date		5/8/2020			6/30/2020			7/31/2020			11/6/2020			2/5/2021	
Well Depth (feet): 300		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)																
Perfluorobutanesulfonic acid (PFBS)		4	ND (2.0)	ND (2.0)	4.5	ND (2.0)	ND (2.0)	5.6	ND (2.0)	ND (2.0)	3.1	ND (2.0)	ND (2.0)	4.6	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		2.4	ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.7	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		25	ND (2.0)	ND (2.0)	29	ND (2.0)	ND (2.0)	37	ND (2.0)	ND (2.0)	19	ND (2.0)	ND (2.0)	27	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		5.4	ND (2.0)	ND (2.0)	5.0	ND (2.0)	ND (2.0)	4.5	ND (2.0)	ND (2.0)	4.1	ND (2.0)	ND (2.0)	5.4	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		21	ND (2.0)	ND (2.0)	24	ND (2.0)	ND (2.0)	25	ND (2.0)	ND (2.0)	16	ND (2.0)	ND (2.0)	21	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		57.8	ND (2.0)	ND (2.0)	64.7	ND (2.0)	ND (2.0)	72.1	ND (2.0)	ND (2.0)	42.2	ND (2.0)	ND (2.0)	62.7	ND (2.0)	ND (2.0)
Regulated Total	20	**51.4**	ND (2.0)	ND (2.0)	**58**	ND (2.0)	ND (2.0)	**66.5**	ND (2.0)	ND (2.0)	**39.1**	ND (2.0)	ND (2.0)	**55.4**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	21 Mountain Rd														
Flow Meter Reading (gallons)		156,974			230,318			268,126			-	309,744		340,894		
Sampling Date		4/19/2021			11/3/2021			4/12/2022			6/9/2022	7/27/2022		10/25/2022		
Well Depth (feet): 300		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	GAC CHANGE	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)																
Perfluorobutanesulfonic acid (PFBS)		3.2	ND (2.0)	ND (2.0)	3.4	ND (1.8)	ND (1.9)	4.4	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	3.9	ND (2.0)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	2.2	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		23	ND (2.0)	ND (2.0)	26	ND (1.8)	ND (1.9)	34	9.1	ND (2.0)		ND (2.0)	ND (1.9)	43	ND (2.0)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorooctanoic acid (PFOA)		4.5	ND (2.0)	ND (2.0)	3.9	ND (1.8)	ND (1.9)	5.4	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	4.2	ND (2.0)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		18	ND (2.0)	ND (2.0)	25	ND (1.8)	ND (1.9)	26	6.3	ND (2.0)		ND (2.0)	ND (1.9)	29	ND (2.0)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Total (All Compounds)		48.7	ND (2.0)	ND (2.0)	58.3	ND (1.8)	ND (1.9)	72	15.4	ND (2.0)		ND (2.0)	ND (1.9)	80.1	ND (2.0)	ND (1.9)
Regulated Total	20	**45.5**	ND (2.0)	ND (2.0)	**54.9**	ND (1.8)	ND (1.9)	**65.4**	15.4	ND (2.0)		ND (2.0)	ND (1.9)	**76.2**	ND (2.0)	ND (1.9)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	21 Mountain Rd				
Flow Meter Reading (gallons)		378,529			400,703	
Sampling Date		5/9/2023			8/1/2023	
Well Depth (feet): 300		INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)						
Perfluorobutanesulfonic acid (PFBS)		4.1	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		1.9	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		45	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (1.8)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		5	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		37	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (1.8)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (1.8)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
N-EtFOSAA		ND (1.8)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (1.8)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
N-MeFOSAA		ND (1.8)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (1.8)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (1.8)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (1.8)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Total (All Compounds)		93	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)
Regulated Total	20	**87**	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
POET System Monitoring
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	21 Mountain Rd													
Flow Meter Reading (gallons)		NA	NA	161			3,726			5,410			14,256		
Sampling Date		12/5/2020	1/21/2020	1/24/2020			1/31/2020			2/7/2020			3/17/2020		
Well Depth (feet): 300			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		8.2		7.5	ND (2.0)	ND (2.0)	5.5	ND (2.0)	ND (2.0)	4.3	ND (2.0)	ND (2.0)	7.4	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		2.4		2.0	ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (2.0)	3.2	ND (2.0)	ND (2.0)	3	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		53		47	ND (2.0)	ND (2.0)	37	ND (2.0)	ND (2.0)	28	ND (2.0)	ND (2.0)	46	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.1	ND (2.0)	ND (2.0)	3.2	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		5.4		4.6	ND (2.0)	ND (2.0)	5.7	ND (2.0)	ND (2.0)	5.4	ND (2.0)	ND (2.0)	4.7	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		44		37	ND (2.0)	ND (2.0)	35	ND (2.0)	ND (2.0)	26	ND (2.0)	ND (2.0)	35	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		113		98.1	ND (2.0)	ND (2.0)	85.4	ND (2.0)	ND (2.0)	69.0	ND (2.0)	ND (2.0)	99.3	ND (2.0)	ND (2.0)
Regulated Total	20	**102.4**		**88.6**	ND (2.0)	ND (2.0)	**77.7**	ND (2.0)	ND (2.0)	**61.5**	ND (2.0)	ND (2.0)	**88.9**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	21 Mountain Rd													
Flow Meter Reading (gallons)		28,173			63,830			78,724			112,079			135,525	
Sampling Date		5/8/2020			6/30/2020			7/31/2020			11/6/2020			2/5/2021	
Well Depth (feet): 300		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)																
Perfluorobutanesulfonic acid (PFBS)		4	ND (2.0)	ND (2.0)	4.5	ND (2.0)	ND (2.0)	5.6	ND (2.0)	ND (2.0)	3.1	ND (2.0)	ND (2.0)	4.6	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		2.4	ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.7	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		25	ND (2.0)	ND (2.0)	29	ND (2.0)	ND (2.0)	37	ND (2.0)	ND (2.0)	19	ND (2.0)	ND (2.0)	27	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		5.4	ND (2.0)	ND (2.0)	5.0	ND (2.0)	ND (2.0)	4.5	ND (2.0)	ND (2.0)	4.1	ND (2.0)	ND (2.0)	5.4	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		21	ND (2.0)	ND (2.0)	24	ND (2.0)	ND (2.0)	25	ND (2.0)	ND (2.0)	16	ND (2.0)	ND (2.0)	21	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		57.8	ND (2.0)	ND (2.0)	64.7	ND (2.0)	ND (2.0)	72.1	ND (2.0)	ND (2.0)	42.2	ND (2.0)	ND (2.0)	62.7	ND (2.0)	ND (2.0)
Regulated Total	20	**51.4**	ND (2.0)	ND (2.0)	**58**	ND (2.0)	ND (2.0)	**66.5**	ND (2.0)	ND (2.0)	**39.1**	ND (2.0)	ND (2.0)	**55.4**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	21 Mountain Rd														
Flow Meter Reading (gallons)		156,974			230,318			268,126			-	309,744		340,894		
Sampling Date		4/19/2021			11/3/2021			4/12/2022			6/9/2022	7/27/2022		10/25/2022		
Well Depth (feet): 300		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	GAC CHANGE	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)																
Perfluorobutanesulfonic acid (PFBS)		3.2	ND (2.0)	ND (2.0)	3.4	ND (1.8)	ND (1.9)	4.4	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	3.9	ND (2.0)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	2.2	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		23	ND (2.0)	ND (2.0)	26	ND (1.8)	ND (1.9)	34	9.1	ND (2.0)		ND (2.0)	ND (1.9)	43	ND (2.0)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorooctanoic acid (PFOA)		4.5	ND (2.0)	ND (2.0)	3.9	ND (1.8)	ND (1.9)	5.4	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	4.2	ND (2.0)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		18	ND (2.0)	ND (2.0)	25	ND (1.8)	ND (1.9)	26	6.3	ND (2.0)		ND (2.0)	ND (1.9)	29	ND (2.0)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Total (All Compounds)		48.7	ND (2.0)	ND (2.0)	58.3	ND (1.8)	ND (1.9)	72	15.4	ND (2.0)		ND (2.0)	ND (1.9)	80.1	ND (2.0)	ND (1.9)
Regulated Total	20	**45.5**	ND (2.0)	ND (2.0)	**54.9**	ND (1.8)	ND (1.9)	**65.4**	15.4	ND (2.0)		ND (2.0)	ND (1.9)	**76.2**	ND (2.0)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Tota
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standarc
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	22 Mountain Rd													
Flow Meter Reading (gallons)		-	-	544			1,009			1,131			1,156		
Sampling Date		7/31/2020	9/3/2020	9/10/2020			11/18/2020			2/5/2021			4/19/2021		
Well Depth (feet): UNKNOWN			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		86		85	ND (2.0)	ND (2.0)	29	ND (2.0)	ND (2.0)	85	ND (2.0)	ND (2.0)	85	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		8.7		15	ND (2.0)	ND (2.0)	4.1	ND (2.0)	ND (2.0)	15	ND (2.0)	ND (2.0)	13	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		490		570	ND (2.0)	ND (2.0)	160	ND (2.0)	ND (2.0)	570	ND (2.0)	ND (2.0)	530	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		3.7		5.8	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	5.8	ND (2.0)	ND (2.0)	5.6	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		16	2-2cf Vessels	18	ND (2.0)	ND (2.0)	7.9	ND (2.0)	ND (2.0)	18	ND (2.0)	ND (2.0)	23	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		180		170	ND (2.0)	ND (2.0)	79	ND (2.0)	ND (2.0)	170	ND (2.0)	ND (2.0)	220	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		784.4		863.8	ND (2.0)	ND (2.0)	280	ND (2.0)	ND (2.0)	863.8	ND (2.0)	ND (2.0)	876.6	ND (2.0)	ND (2.0)
Regulated Total	20	**689.7**		**763.8**	ND (2.0)	ND (2.0)	**246.9**	ND (2.0)	ND (2.0)	**763.8**	ND (2.0)	ND (2.0)	**778.6**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	22 Mountain Rd											
Flow Meter Reading (gallons)		9,310			27,543		38,464			49,149		66,436	
Sampling Date		4/14/2022			7/26/2022		10/27/2022			1/19/2023		8/4/2023	
Well Depth (feet): UNKNOWN		INF	MID	EFF	MID	EFF	INF	MID	EFF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)													
Perfluorobutanesulfonic acid (PFBS)		16	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	7.9	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		110	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	100	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorooctanoic acid (PFOA)		5.8	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	6.1	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		44	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	57	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)
Total (All Compounds)		175.8	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	171	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)
Regulated Total	20	**159.8**	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	**163.1**	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	29 Mountain Rd													
Flow Meter Reading (gallons)		-	-	-			-				-	3,090			-
Sampling Date		1/8/2020	2/24/2020	3/11/2020			5/8/2020				6/3/2020	6/30/2020			7/14/2020
Well Depth (feet): 570 (DEP Log)			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	EFF DUPLICATE	EFF	INF	MID	EFF	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		9.6		6.7	ND (2.0)	ND (2.0)	4	ND (2.0)	2.9	2	ND (2.0)	4.9	ND (2.0)	4.2	ND (2.0)
Perfluorohexanoic acid (PFHxA)		2.5		2	ND (2.0)	ND (2.0)	2	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.1	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		59		41	ND (2.0)	ND (2.0)	21	ND (2.0)	16	10	ND (2.0)	25	ND (2.0)	23	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		5.3	2-2cf Vessels	5.1	ND (2.0)	ND (2.0)	4.4	ND (2.0)	3.5	2.2	ND (2.0)	4.7	ND (2.0)	4.5	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		53		38	ND (2.0)	ND (2.0)	27	ND (2.0)	21	13	ND (2.0)	21	ND (2.0)	22	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		129.4		92.8	ND (2.0)	ND (2.0)	58.4	ND (2.0)	43.4	27.2	ND (2.0)	55.6	ND (2.0)	55.8	ND (2.0)
Regulated Total	20	**117.3**		**84.1**	ND (2.0)	ND (2.0)	**52.4**	ND (2.0)	**40.5**	**25.2**	ND (2.0)	**50.7**	ND (2.0)	**49.5**	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	29 Mountain Rd												
Flow Meter Reading (gallons)		5,301			25,532			32,996			46,921		Not Recorded	
Sampling Date		7/29/2020			1/29/2021			4/20/2021			4/12/2022		7/26/2022	
Well Depth (feet): 570 (DEP Log)		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)														
Perfluorobutanesulfonic acid (PFBS)		5.2	ND (2.0)	ND (2.0)	3.8	ND (2.0)	ND (2.0)	4	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		30	ND (2.0)	ND (2.0)	21	ND (2.0)	ND (2.0)	22	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorooctanoic acid (PFOA)		3.8	ND (2.0)	ND (2.0)	3.9	ND (2.0)	ND (2.0)	4.7	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		22	ND (2.0)	ND (2.0)	16	ND (2.0)	ND (2.0)	18	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Total (All Compounds)		61.0	ND (2.0)	ND (2.0)	44.7	ND (2.0)	ND (2.0)	48.7	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Regulated Total	20	**55.8**	ND (2.0)	ND (2.0)	**40.9**	ND (2.0)	ND (2.0)	**44.7**	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	29 Mountain Rd									
Flow Meter Reading (gallons)		46,921			46,921		56,179			Not Recorded	
Sampling Date		10/27/2022			1/19/2023		4/25/2023			8/1/2023	
Well Depth (feet): 570 (DEP Log)		INF	MID	EFF	MID	EFF	INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		7.1	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	5.7	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)
Perfluorooctanoic acid (PFOA)		5.3	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	4.2	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		7.8	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	5.0	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)
Total (All Compounds)		20.2	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	14.9	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)
Regulated Total	20	**20.2**	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.8)	14.9	ND (1.9)	ND (1.9)	ND (1.8)	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	30 Mountain Rd												
Flow Meter Reading (gallons)		-	-	-	-	37			170			5,312		
Sampling Date		1/27/2020	6/5/2020	10/13/2020	2/15/2021	2/22/2021			4/26/2021			5/16/2022		
Well Depth (feet): 600					POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)														
Perfluorobutanesulfonic acid (PFBS)		<2.0	<2.0	3.2		2.2	ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (2.0)	2.7	ND (1.8)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		<2.0	<2.0	2.9		2.1	ND (2.0)	ND (2.0)	2.1	ND (2.0)	ND (2.0)	2.4	ND (1.8)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		4.4	3.9	22		16	ND (2.0)	ND (2.0)	13	ND (2.0)	ND (2.0)	21	ND (1.8)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	2.3		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
Perfluorooctanoic acid (PFOA)		6.1	4.6	8.6	2-2cf Vessels	8.1	ND (2.0)	ND (2.0)	6.9	ND (2.0)	ND (2.0)	6	ND (1.8)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		5.4	4.1	16		13	ND (2.0)	ND (2.0)	12	ND (2.0)	ND (2.0)	16	ND (1.8)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)
Total (All Compounds)		15.9	12.6	52.7		41.4	ND (2.0)	ND (2.0)	36.2	ND (2.0)	ND (2.0)	48.1	ND (1.8)	ND (1.8)
Regulated Total	20	15.9	12.6	**46.6**		**37.1**	ND (2.0)	ND (2.0)	**31.9**	ND (2.0)	ND (2.0)	**43.0**	ND (1.8)	ND (1.8)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	30 Mountain Rd		
Flow Meter Reading (gallons)		-		
Sampling Date		5/15/2023		
Well Depth (feet): 600		INF	MID	EFF
EPA 537.1 (ng/L)				
Perfluorobutanesulfonic acid (PFBS)		ND (1.9)	ND (2.0)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (1.9)	ND (2.0)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		5.6	ND (2.0)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (1.9)	ND (2.0)	ND (1.9)
Perfluorooctanoic acid (PFOA)		3.5	ND (2.0)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		6.6	ND (2.0)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (1.9)	ND (2.0)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (1.9)	ND (2.0)	ND (1.9)
N-EtFOSAA		ND (1.9)	ND (2.0)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (1.9)	ND (2.0)	ND (1.9)
N-MeFOSAA		ND (1.9)	ND (2.0)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (1.9)	ND (2.0)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (1.9)	ND (2.0)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (1.9)	ND (2.0)	ND (1.9)
Total (All Compounds)		15.7	ND (2.0)	ND (1.9)
Regulated Total	20	15.7	ND (2.0)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	30 Mountain Rd (Inn Well)
Sampling Date		5/25/2021
Well Depth (feet): 1,000		
SOP-454 PFAS (ng/L)		
Perfluorobutanesulfonic acid (PFBS)		<2.0
Perfluorohexanoic acid (PFHxA)		<2.0
Perfluorohexanesulfonic acid (PFHxS)		3.9
Perfluoroheptanoic acid (PFHpA)		ND (2.0)
Perfluorooctanoic acid (PFOA)		13
Perfluorooctanesulfonic acid (PFOS)		110
Perfluorononanoic acid (PFNA)		7.5
Perfluorodecanoic acid (PFDA)		ND (2.0)
N-EtFOSAA		ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)
N-MeFOSAA		ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)
Perfluorobutanoic acid (PFBA)		3.9
Perfluoropentanoic acid (PFPeA)		3.4
4,8-dioxa-3H-perfluorononanoic acid (ADONA)		ND (2.0)
Hexafluoropropylene oxide dimer acid (HFPO-DA)		ND (2.0)
8:2 Fluorotelomersulfonic acid (8:2FTS A)		ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)		ND (2.0)
Perfluoroheptanesulfonic acid (PFHpS)		ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)
4:2 Fluorotelomersulfonic acid (4:2FTS A)		ND (2.0)
Perfluorodecanesulfonic acid (PFDS)		ND (2.0)
Perfluorooctanesulfonamide (FOSA)		ND (2.0)
Perfluorononanesulfonic acid (PFNS)		ND (2.0)
Perfluoro-1-hexanesulfonamide (FHxSA)		ND (2.0)
Perfluoro-1-butanesulfonamide (FBSA)		ND (2.0)
Perfluoro-5-oxahexanoic acid (PFMBA)		ND (2.0)
6:2 Fluorotelomersulfonic acid (6:2FTS A)		ND (2.0)
Perfluoropetanesulfonic acid (PFPeS)		ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)		ND (2.0)
Total (All Compounds)		141.7
Regulated Total	20	**134.4**

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	33 Mountain Rd						
Well Depth (feet)		UNKNOWN						
Sampling Date		2/7/2020	7/22/2020	1/21/2021	4/16/2021	10/18/2021	4/15/2022	2/15/2023
Well Depth (feet): UNKNOWN								**POET INSTALLED**
EPA 537.1 (ng/L)								
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	2.5	2.2	ND (2.0)	ND (1.9)	1-2cf Vessel
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	
Total (All Compounds)		ND (2.0)	ND (2.0)	2.5	2.2	ND (2.0)	ND (1.9)	
Regulated Total	20	ND (2.0)	ND (2.0)	2.5	2.2	ND (2.0)	ND (1.9)	

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	38 Mountain Rd								
Well Depth (feet)										
Sampling Date		2/14/2020	7/21/2020	1/20/2021	4/27/2021	11/11/2021	4/15/2022	12/14/2022	1/17/2023	4/20/2023
Well Depth (feet): UNKNOWN								**POET INSTALLED**	**EFF**	**INF**
EPA 537.1 (ng/L)										
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)	3	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	1-2cf Vessel	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		2.2	2.4	2.1	ND (2.0)	ND (1.8)	ND (1.9)		ND (2.0)	2.0
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)		ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)		ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)		ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)		ND (2.0)	ND (2.0)
Total (All Compounds)		2.2	5.4	2.1	ND (2.0)	ND (1.8)	ND (1.9)		ND (2.0)	2.0
Regulated Total	20	2.2	5.4	2.1	ND (2.0)	ND (1.8)	ND (1.9)		ND (2.0)	2.0

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	51 Mountain Rd														
Flow Meter Reading (gallons)		-	-	211				1,080			3,312			11,491		
Sampling Date		2/12/2020	5/1/2020	5/28/2020				6/23/2020			7/31/2020			11/11/2020		
Well Depth (feet): 250			POET INSTALLED	INF	MID	EFF	EFF DUPLICATE	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)																
Perfluorobutanesulfonic acid (PFBS)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		6.9		6.1	ND (2.0)	ND (2.0)	ND (2.0)	5.1	ND (2.0)	ND (2.0)	6.8	ND (2.0)	ND (2.0)	6.6	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		9.5		9.4	ND (2.0)	ND (2.0)	ND (2.0)	9.0	ND (2.0)	ND (2.0)	11	ND (2.0)	ND (2.0)	9.2	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		29	2-2cf Vessels	29	ND (2.0)	ND (2.0)	ND (2.0)	28	ND (2.0)	ND (2.0)	30	ND (2.0)	ND (2.0)	30	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		24		23	ND (2.0)	2.9	ND (2.0)	21	ND (2.0)	ND (2.0)	24	ND (2.0)	ND (2.0)	26	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (4.0)		3	ND (2.0)	ND (2.0)	ND (2.0)	2.6	ND (2.0)	ND (2.0)	3.2	ND (2.0)	ND (2.0)	3.1	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		69.4		70.5	ND (2.0)	2.9	ND (2.0)	65.7	ND (2.0)	ND (2.0)	75.0	ND (2.0)	ND (2.0)	74.9	ND (2.0)	ND (2.0)
Regulated Total	20	**62.5**		**64.4**	ND (2.0)	2.9	ND (2.0)	**60.6**	ND (2.0)	ND (2.0)	**68.2**	ND (2.0)	ND (2.0)	**68.3**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	51 Mountain Rd														
Flow Meter Reading (gallons)		18,344			49,090		Not Recorded		65,577		71,550			78,875		
Sampling Date		2/5/2021			4/14/2022		7/26/2022		10/27/2022		1/20/2023			5/5/2023		
Well Depth (feet): 250		INF	MID	EFF	MID	EFF	MID	EFF	MID	EFF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		4.1	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)	6.2	ND (1.8)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		7.8	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)	11	ND (1.8)	ND (1.9)
Perfluorooctanoic acid (PFOA)		25	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)	31	ND (1.8)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		18	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)	29	ND (1.8)	ND (1.9)
Perfluorononanoic acid (PFNA)		2.2	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)	4.1	ND (1.8)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)	ND (2.0)	ND (1.8)	ND (1.9)
Total (All Compounds)		57.1	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)	81.3	ND (1.8)	ND (1.9)
Regulated Total	20	**53.0**	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)	**75.1**	ND (1.8)	ND (1.9)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	51 Mountain Rd	
Flow Meter Reading (gallons)		86,574	
Sampling Date		8/1/2023	
Well Depth (feet): 250		MID	EFF
EPA 537.1 (ng/L)			
Perfluorobutanesulfonic acid (PFBS)		ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (1.9)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (1.9)	ND (1.9)
N-EtFOSAA		ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (1.9)	ND (1.9)
N-MeFOSAA		ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (1.9)	ND (1.9)
Total (All Compounds)		ND (1.9)	ND (1.9)
Regulated Total	20	ND (1.9)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Tota
ND = Not detected above the lab reporting limits shown in parentheses
Bolded values exceed the prposed Method 1 Standar
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	54 Mountain Rd													
Flow Meter Reading (gallons)		-	-	15,502			42,195			59,957			108,792		
Sampling Date		2/26/2020	6/2/2020	6/22/2020			8/5/2020			9/2/2020			11/18/2020		
Well Depth (feet): UNKNOWN			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		5.2		5.0	ND (2.0)	ND (2.0)	4.2	ND (2.0)	ND (2.0)	4.3	ND (2.0)	ND (2.0)	5.7	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		7.6		7.9	ND (2.0)	ND (2.0)	6.7	ND (2.0)	ND (2.0)	7.4	ND (2.0)	ND (2.0)	9.6	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		20	4-2cf Vessels	24	ND (2.0)	ND (2.0)	23	ND (2.0)	ND (2.0)	24	ND (2.0)	ND (2.0)	27	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		18		24	ND (2.0)	ND (2.0)	22	ND (2.0)	ND (2.0)	21	ND (2.0)	ND (2.0)	22	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (4.0)		2.5	ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (2.0)	2.9	ND (2.0)	ND (2.0)	2.6	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		50.8		63.4	ND (2.0)	ND (2.0)	58.1	ND (2.0)	ND (2.0)	59.6	ND (2.0)	ND (2.0)	66.9	ND (2.0)	ND (2.0)
Regulated Total	20	**45.6**		**58.4**	ND (2.0)	ND (2.0)	**53.9**	ND (2.0)	ND (2.0)	**55.3**	ND (2.0)	ND (2.0)	**61.2**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	54 Mountain Rd														
Flow Meter Reading (gallons)		159,296			191,908			300,348			463,871		517,999		552,674	
Sampling Date		2/15/2021			4/23/2021			10/28/2021			7/26/2022		11/2/2022		1/19/2023	
Well Depth (feet): UNKNOWN		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	MID	EFF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)																
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorohexanoic acid (PFHxA)		4.7	ND (2.0)	ND (2.0)	6.8	ND (2.0)	ND (2.0)	5.1	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluoroheptanoic acid (PFHpA)		8	ND (2.0)	ND (2.0)	10	ND (2.0)	ND (2.0)	8.6	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorooctanoic acid (PFOA)		23	ND (2.0)	ND (2.0)	32	ND (2.0)	ND (2.0)	24	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorooctanesulfonic acid (PFOS)		23	ND (2.0)	ND (2.0)	30	ND (2.0)	ND (2.0)	25	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorononanoic acid (PFNA)		2.5	ND (2.0)	ND (2.0)	3.3	ND (2.0)	ND (2.0)	2.9	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Total (All Compounds)		61.2	ND (2.0)	ND (2.0)	82.1	ND (2.0)	ND (2.0)	65.6	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)
Regulated Total	20	**56.5**	ND (2.0)	ND (2.0)	**75.3**	ND (2.0)	ND (2.0)	**60.5**	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.1)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	54 Mountain Rd				
Flow Meter Reading (gallons)		599,739			Not Recorded	
Sampling Date		4/27/2023			7/31/2023	
Well Depth (feet): UNKNOWN		INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)						
Perfluorobutanesulfonic acid (PFBS)		ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		5.0	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		7.7	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorooctanoic acid (PFOA)		23	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		29	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorononanoic acid (PFNA)		2.8	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
N-EtFOSAA		ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
N-MeFOSAA		ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (1.8)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Total (All Compounds)		67.5	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Regulated Total	20	**62.5**	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	58 Mountain Rd													
Flow Meter Reading (gallons)				2,131			8,428			22,138			50,278		
Sampling Date		2/26/2020	7/7/2020	7/14/2020			7/31/2020			8/31/2020			11/6/2020		
Well Depth (feet): UNKNOWN			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	15	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		19		19	ND (2.0)	ND (2.0)	3.6	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	11	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	28	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		29		31	ND (2.0)	ND (2.0)	6	ND (2.0)	ND (2.0)	94	ND (2.0)	ND (2.0)	18	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		89	4-2cf Vessels	95	ND (2.0)	ND (2.0)	18	ND (2.0)	ND (2.0)	270	ND (2.0)	ND (2.0)	67	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		210		230	ND (2.0)	ND (2.0)	35	ND (2.0)	ND (2.0)	19	ND (2.0)	ND (2.0)	130	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		20		20	ND (2.0)	ND (2.0)	3.5	ND (2.0)	ND (2.0)	5.7	ND (2.0)	ND (2.0)	14	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		6.2		6.9	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	4.2	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (4.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		373.2		401.9	ND (2.0)	ND (2.0)	66.1	ND (2.0)	ND (2.0)	431.7	ND (2.0)	ND (2.0)	244.2	ND (2.0)	ND (2.0)
Regulated Total	20	**354.2**		**382.9**	ND (2.0)	ND (2.0)	**62.5**	ND (2.0)	ND (2.0)	**416.7**	ND (2.0)	ND (2.0)	**233.2**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	58 Mountain Rd													
Flow Meter Reading (gallons)		66,979			81,707			133,473			216,558		241,041		
Sampling Date		2/5/2021			4/21/2021			10/18/2021			7/26/2022		10/27/2022		
Well Depth (feet): UNKNOWN		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	4.7	ND (1.8)	ND (2.2)
Perfluorohexanoic acid (PFHxA)		5	ND (2.0)	ND (2.0)	15	ND (2.0)	ND (2.0)	22	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	19	ND (1.8)	ND (2.2)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.0)	ND (1.8)	ND (2.2)
Perfluoroheptanoic acid (PFHpA)		9	ND (2.0)	ND (2.0)	26	ND (2.0)	ND (2.0)	36	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	40	ND (1.8)	ND (2.2)
Perfluorooctanoic acid (PFOA)		23	ND (2.0)	ND (2.0)	83	ND (2.0)	ND (2.0)	120	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	100	ND (1.8)	ND (2.2)
Perfluorooctanesulfonic acid (PFOS)		44	ND (2.0)	ND (2.0)	180	ND (2.0)	ND (2.0)	290	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	240	ND (1.8)	ND (2.2)
Perfluorononanoic acid (PFNA)		6.3	ND (2.0)	ND (2.0)	16	ND (2.0)	ND (2.0)	25	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	23	ND (1.8)	ND (2.2)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	4.4	ND (2.0)	ND (2.0)	8.2	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	7.5	ND (1.8)	ND (2.2)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.0)	ND (1.8)	ND (2.2)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.0)	ND (1.8)	ND (2.2)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.0)	ND (1.8)	ND (2.2)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.0)	ND (1.8)	ND (2.2)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.0)	ND (1.8)	ND (2.2)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (2.0)	ND (1.8)	ND (2.2)
Total (All Compounds)		87.7	ND (2.0)	ND (2.0)	324.4	ND (2.0)	ND (2.0)	501.2	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	434.2	ND (1.8)	ND (2.2)
Regulated Total	20	**82.7**	ND (2.0)	ND (2.0)	**309.4**	ND (2.0)	ND (2.0)	**479.2**	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	**410.5**	ND (1.8)	ND (2.2)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	58 Mountain Rd						
Flow Meter Reading (gallons)		257,905		277,017			297317	
Sampling Date		1/18/2023		4/25/2023			7/31/2023	
Well Depth (feet): UNKNOWN		MID	EFF	INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)								
Perfluorobutanesulfonic acid (PFBS)		ND (1.9)	ND (1.8)	30.0	ND (1.9)	ND (2.0)	ND (2.2)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (1.9)	ND (1.8)	26	ND (1.9)	ND (2.0)	ND (2.2)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (1.9)	ND (1.8)	43	ND (1.9)	ND (2.0)	ND (2.2)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (1.9)	ND (1.8)	110	ND (1.9)	ND (2.0)	ND (2.2)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (1.9)	ND (1.8)	320	ND (1.9)	ND (2.0)	ND (2.2)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (1.9)	ND (1.8)	29	ND (1.9)	ND (2.0)	ND (2.2)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (1.9)	ND (1.8)	11	ND (1.9)	ND (2.0)	ND (2.2)	ND (1.9)
N-EtFOSAA		ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (1.9)
N-MeFOSAA		ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (1.9)	ND (1.8)	ND (1.9)	ND (1.9)	ND (2.0)	ND (2.2)	ND (1.9)
Total (All Compounds)		ND (1.9)	ND (1.8)	569.0	ND (1.9)	ND (2.0)	ND (2.2)	ND (1.9)
Regulated Total	20	ND (1.9)	ND (1.8)	**513.0**	ND (1.9)	ND (2.0)	ND (2.2)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	64 Mountain Rd													
Flow Meter Reading (gallons)		-	-	Not Recorded			11,667			27,440			38,902		
Sampling Date		1/30/2020	2/18/2020	3/3/2020			5/8/2020			6/18/2020			7/29/2020		
Well Depth (feet): UNKNOWN			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		14		20	ND (2.0)	ND (2.0)	15	ND (2.0)	ND (2.0)	18	ND (2.0)	ND (2.0)	2	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		19		23	ND (2.0)	ND (2.0)	18	ND (2.0)	ND (2.0)	22	ND (2.0)	ND (2.0)	2.6	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		34	2-2cf Vessels	44	ND (2.0)	ND (2.0)	34	ND (2.0)	ND (2.0)	43	ND (2.0)	ND (2.0)	5.3	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		22		20	ND (2.0)	ND (2.0)	15	ND (2.0)	ND (2.0)	20	ND (2.0)	ND (2.0)	2.4	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)		2.5	ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (2.0)	2.3	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		89		109.5	ND (2.0)	ND (2.0)	84.2	ND (2.0)	ND (2.0)	105.3	ND (2.0)	ND (2.0)	12.4	ND (2.0)	ND (2.0)
Regulated Total	20	**75**		**89.5**	ND (2.0)	ND (2.0)	**69.2**	ND (2.0)	ND (2.0)	**87.3**	ND (2.0)	ND (2.0)	10.3	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	64 Mountain Rd													
Flow Meter Reading (gallons)		75,168			86,631			97,368			-			152,651	
Sampling Date		11/6/2020			1/29/2021			4/21/2021			10/19/2021			4/21/2022	
Well Depth (feet): UNKNOWN		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	2.4	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	28	ND (1.9)	ND (2.1)	72	ND (1.9)
Perfluorohexanoic acid (PFHxA)		14	ND (2.0)	ND (2.0)	18	ND (2.0)	ND (2.0)	11	ND (2.0)	ND (2.0)	25	ND (1.9)	ND (2.1)	10	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.8)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		18	ND (2.0)	ND (2.0)	24	ND (2.0)	ND (2.0)	12	ND (2.0)	ND (2.0)	25	ND (1.9)	ND (2.1)	11	ND (1.9)
Perfluorooctanoic acid (PFOA)		43	ND (2.0)	ND (2.0)	53	ND (2.0)	ND (2.0)	19	ND (2.0)	ND (2.0)	44	ND (1.9)	ND (2.1)	23	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		16	ND (2.0)	ND (2.0)	22	ND (2.0)	ND (2.0)	12	ND (2.0)	ND (2.0)	21	ND (1.9)	ND (2.1)	18	ND (1.9)
Perfluorononanoic acid (PFNA)		3.1	ND (2.0)	ND (2.0)	5.1	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	3.4	ND (1.9)	ND (2.1)	3.2	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.8)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.8)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.8)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.8)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.8)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.8)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (2.1)	ND (1.8)	ND (1.9)
Total (All Compounds)		94.1	ND (2.0)	ND (2.0)	124.5	ND (2.0)	ND (2.0)	54.0	ND (2.0)	ND (2.0)	146.4	ND (1.9)	ND (2.1)	137.2	ND (1.9)
Regulated Total	20	**80.1**	ND (2.0)	ND (2.0)	**104.1**	ND (2.0)	ND (2.0)	**43.0**	ND (2.0)	ND (2.0)	**93.4**	ND (1.9)	ND (2.1)	**55.2**	ND (1.9)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	64 Mountain Rd						
Flow Meter Reading (gallons)		169,251		-			198,473	
Sampling Date		7/26/2022		10/31/2022			1/18/2023	
Well Depth (feet): UNKNOWN		MID	EFF	INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)								
Perfluorobutanesulfonic acid (PFBS)		ND (1.8)	ND (2.0)	610	ND (2.4)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (1.8)	ND (2.0)	29	ND (2.4)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (1.8)	ND (2.0)	ND (2.0)	ND (2.4)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (1.8)	ND (2.0)	30	ND (2.4)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (1.8)	ND (2.0)	51	ND (2.4)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		ND (1.8)	ND (2.0)	19	ND (2.4)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (1.8)	ND (2.0)	3.6	ND (2.4)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (1.8)	ND (2.0)	ND (2.0)	ND (2.4)	ND (2.0)	ND (1.9)	ND (2.0)
N-EtFOSAA		ND (1.8)	ND (2.0)	ND (2.0)	ND (2.4)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (1.8)	ND (2.0)	ND (2.0)	ND (2.4)	ND (2.0)	ND (1.9)	ND (2.0)
N-MeFOSAA		ND (1.8)	ND (2.0)	ND (2.0)	ND (2.4)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (1.8)	ND (2.0)	ND (2.0)	ND (2.4)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (1.8)	ND (2.0)	ND (2.0)	ND (2.4)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (1.8)	ND (2.0)	ND (2.0)	ND (2.4)	ND (2.0)	ND (1.9)	ND (2.0)
Total (All Compounds)		ND (1.8)	ND (2.0)	742.6	ND (2.4)	ND (2.0)	ND (1.9)	ND (2.0)
Regulated Total	20	ND (1.8)	ND (2.0)	**103.6**	ND (2.4)	ND (2.0)	ND (1.9)	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	92 Mountain
Sampling Date		8/1/2023
Well Depth (feet): 255		
EPA 537.1 (ng/L)		
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		2.6
Perfluorononanoic acid (PFNA)		ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)
N-EtFOSAA		ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)
N-MeFOSAA		ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)
Total (All Compounds)		2.6
Regulated Total	20	2.6

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	97 Mountain
Sampling Date		8/1/2023
Well Depth (feet): 255		
EPA 537.1 (ng/L)		
Perfluorobutanesulfonic acid (PFBS)		ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		ND (1.8)
Perfluorononanoic acid (PFNA)		ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (1.8)
N-EtFOSAA		ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (1.8)
N-MeFOSAA		ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (1.8)
Total (All Compounds)		ND (1.8)
Regulated Total	20	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
POET System Monitoring
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	5 Prospect Street														
Flow Meter Reading (gallons)		NA	NA	127			182			188			47,737			
Sampling Date		1/13/2020	1/21/2020	1/24/2020			1/31/2020			2/7/2020			6/18/2020			
Well Depth (feet): UNKNOWN			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	
EPA 537.1 (ng/L)																
Perfluorobutanesulfonic acid (PFBS)		9.4		2.4	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.4	ND (2.0)	ND (2.0)	
Perfluorohexanoic acid (PFHxA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorohexanesulfonic acid (PFHxS)		32		6.6	ND (2.0)	ND (2.0)	2.5	ND (2.0)	ND (2.0)	2.4	ND (2.0)	ND (2.0)	7	ND (2.0)	ND (2.0)	
Perfluoroheptanoic acid (PFHpA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorooctanoic acid (PFOA)		ND (2.0)	2-2cf Vessels	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorooctanesulfonic acid (PFOS)		6.2		3	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.8	ND (2.0)	ND (2.0)	
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	
Total (All Compounds)		47.6		12.0	ND (2.0)	ND (2.0)	2.5	ND (2.0)	ND (2.0)	2.4	ND (2.0)	ND (2.0)	12.2	ND (2.0)	ND (2.0)	
Regulated Total	20	**38.2**		9.6	ND (2.0)	ND (2.0)	2.5	ND (2.0)	ND (2.0)	2.4	ND (2.0)	ND (2.0)	9.8	ND (2.0)	ND (2.0)	

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	5 Prospect Street														
Flow Meter Reading (gallons)		47,737			70,000			156,306			174,265			188,495		
Sampling Date		6/18/2020			7/27/2020			11/6/2020			1/29/2021			4/19/2021		
Well Depth (feet): UNKNOWN		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)																
Perfluorobutanesulfonic acid (PFBS)		2.4	ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (2.0)	2.3	ND (2.0)	ND (2.0)	4.6	ND (2.0)	ND (2.0)	4.2	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		7	ND (2.0)	ND (2.0)	5.6	ND (2.0)	ND (2.0)	6	ND (2.0)	ND (2.0)	14	ND (2.0)	ND (2.0)	17	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		2.8	ND (2.0)	ND (2.0)	2.6	ND (2.0)	ND (2.0)	2.4	ND (2.0)	ND (2.0)	4.1	ND (2.0)	ND (2.0)	4.1	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		12.2	ND (2.0)	ND (2.0)	10.4	ND (2.0)	ND (2.0)	10.7	ND (2.0)	ND (2.0)	24.9	ND (2.0)	ND (2.0)	27.5	ND (2.0)	ND (2.0)
Regulated Total	20	9.8	ND (2.0)	ND (2.0)	8.2	ND (2.0)	ND (2.0)	8.4	ND (2.0)	ND (2.0)	**20.3**	ND (2.0)	ND (2.0)	**23.3**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	5 Prospect Street													
Flow Meter Reading (gallons)		422,542			534,810		656,963		670,459		683,016			688,974	
Sampling Date		4/14/2022			7/26/2022		10/27/2022		1/19/2023		4/20/2023			8/1/2023	
Well Depth (feet): UNKNOWN		INF	MID	EFF	MID	EFF	MID	EFF	MID	EFF	INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		4	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	3.1	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)
Perfluorohexanesulfonic acid (PFHxS)		20	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	18	ND (2.0)	ND (2.1)	ND (2.0)	2.1
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)
Perfluorooctanoic acid (PFOA)		2	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	2.5	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)
Perfluorooctanesulfonic acid (PFOS)		6.2	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	5.7	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)
Total (All Compounds)		32.2	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	29.3	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)
Regulated Total	20	28.2	ND (2.0)	ND (2.0)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.1)	**26.2**	ND (2.0)	ND (2.1)	ND (2.0)	ND (2.1)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Tota
ND = Not detected above the lab reporting limits shown in parentheses
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	7 Prospect St													
Flow Meter Reading (gallons)		-						6,662			70,935		86,124	89,282	
Sampling Date		12/9/2019	6/5/2020	10/16/2020	1/19/2021	4/23/2021	6/23/2021	7/22/2021			10/25/2022		4/26/2023	8/4/2023	
Well Depth (feet): 385 (DEP Log)							**POET INSTALLED**	**INF**	**MID**	**EFF**	**MID**	**EFF**	**INF**	**MID**	**EFF**
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		3.1	2.7	2.9	3.4	3.7		3.6	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	4.3	ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		13	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		8.8	11	11	11	15		16	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	22	ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2-2cf Vessels	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		4.5	6	5.2	5	6.9		7.8	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	9.1	ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Total (All Compounds)		16.4	19.7	19.1	19.4	25.6		40.4	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	35.4	ND (1.9)	ND (1.9)
Regulated Total	20	13.3	17.0	16.2	16.0	**21.9**		**23.8**	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.8)	**31.1**	ND (1.9)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	11 Prospect St													
Flow Meter Reading (gallons)		-		-			-	-	-	-	-	Not Recorded		Not Recorded	
Sampling Date		1/8/2020		2/20/2020			9/10/2020	1/28/2021	4/21/2021	11/3/2021	4/21/2022	7/29/2022		10/27/2022	
Well Depth (feet): 137			POET INSTALLED	INF	MID	EFF	INF	INF	INF	INF	INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.3	2.9	ND (1.8)	ND 1.9)	ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND 1.9)	ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		2.1		3.3	ND (2.0)	ND (2.0)	3.4	4.7	5.8	9.0	16.0	ND (1.8)	ND 1.9)	ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND 1.9)	ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	2-2cf Vessels	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND 1.9)	ND (1.9)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		2.3		2.5	ND (2.0)	ND (2.0)	3.7	3.5	4.1	5.1	6.9	ND (1.8)	ND 1.9)	ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND 1.9)	ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND 1.9)	ND (1.9)	ND (1.9)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND 1.9)	ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND 1.9)	ND (1.9)	ND (1.9)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND 1.9)	ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND 1.9)	ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND 1.9)	ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.8)	ND 1.9)	ND (1.9)	ND (1.9)
Total (All Compounds)		4.4		5.8	ND (2.0)	ND (2.0)	7.1	8.2	9.9	16.4	25.8	ND (1.8)	ND 1.9)	ND (1.9)	ND (1.9)
Regulated Total	20	4.4		5.8	ND (2.0)	ND (2.0)	7.1	8.2	9.9	14.1	**22.9**	ND (1.8)	ND 1.9)	ND (1.9)	ND (1.9)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	11 Prospect St			
Flow Meter Reading (gallons)		152,574		181,580	
Sampling Date		1/20/2023		8/4/2023	
Well Depth (feet): 137		MID	EFF	MID	EFF
EPA 537.1 (ng/L)					
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND 1.9)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND 1.9)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND 1.9)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND 1.9)	ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND 1.9)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND 1.9)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND 1.9)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND 1.9)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND 1.9)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND 1.9)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND 1.9)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND 1.9)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND 1.9)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND 1.9)	ND (1.8)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND 1.9)	ND (1.8)
Regulated Total	20	ND (2.0)	ND (2.0)	ND 1.9)	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	16 Prospect St								
Sampling Date		1/22/2020	6/5/2020	10/8/2020	1/20/2021	4/22/2021	11/5/2021	4/12/2022	10/26/2022	4/21/2023
Well Depth (feet): 255										
EPA 537.1 (ng/L)										
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	17 Prospect St										
Sampling Date		1/8/2020	6/5/2020	10/8/2020	1/19/2021	4/20/2021	11/9/2021	4/12/2022	11/2/2022	1/13/2023	4/21/2023	
Well Depth (feet): UNKNOWN										**POET INSTALLED**	**INF**	**EFF**
EPA 537.1 (ng/L)												
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	3.2	5.1	3.1		ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)	1-2cf Vessel	ND (1.9)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		2.8	ND (2.0)	2.0	2.0	2.4	9.5	5.7	5.2		ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.9)
Total (All Compounds)		2.8	ND (2.0)	2.0	2.0	2.4	12.7	10.8	8.3		ND (1.9)	ND (1.9)
Regulated Total	20	2.8	ND (2.0)	2.0	2.0	2.4	12.7	10.8	8.3		ND (1.9)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	18 Prospect St								
Sampling Date		1/8/2020	6/5/2020	10/8/2020	1/22/2021	4/19/2021	11/5/2021	4/15/2022	10/25/2022	4/26/2023
Well Depth (feet): UNKNOWN										
EPA 537.1 (ng/L)										
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.5	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	2.0	ND (2.0)	2.4	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	2.0	ND (2.0)	4.9	ND (1.9)	ND (2.0)	ND (1.9)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	2.0	ND (2.0)	4.9	ND (1.9)	ND (2.0)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	21 Prospect St							
Sampling Date		2/5/2020	7/22/2020	1/29/2021	4/19/2021	2/4/2022	4/15/2022	10/31/2022	4/20/2023
Well Depth (feet): UNKNOWN									
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.1)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	26 Prospect St						
Well Depth (feet)		UNKNOWN						
Sampling Date		2/6/2020	7/23/2020	3/3/2021	12/2/2021	4/15/2022	10/24/2022	4/20/2023
Well Depth (feet): UNKNOWN								
EPA 537.1 (ng/L)								
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.4)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.4)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.4)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.4)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	2.4	2.3	ND (2.0)	ND (2.4)	2.2
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.4)	2.3
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.4)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.4)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.4)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.4)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.4)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.4)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.4)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.4)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	2.4	2.3	ND (2.0)	ND (2.4)	4.5
Regulated Total	20	ND (2.0)	ND (2.0)	2.4	2.3	ND (2.0)	ND (2.4)	4.5

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	27 Prospect St
Well Depth (feet)		UNKNOWN
Sampling Date		11/23/2022
Well Depth (feet): UNKNOWN		
EPA 537.1 (ng/L)		
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)
N-EtFOSAA		ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)
N-MeFOSAA		ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)
Total (All Compounds)		ND (2.0)
Regulated Total	20	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	41 Prospect Street											
Flow Meter Reading (gallons)		-	-		164,724			Not Recorded			167,619		
Sampling Date		5/15/2020	10/13/2020	12/22/2020	12/30/2020			2/15/2021			3/25/2021		
Well Depth (feet): UNKNOWN				EXISTING POET ACTIVE	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)													
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	2.6		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	POET Installed 2-2015 under RTN 2-19390	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	4.6		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)	14		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	9.9		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		ND (2.0)	31.1		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Regulated Total	20	ND (2.0)	**28.5**		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	41 Prospect Street												
Flow Meter Reading (gallons)		169,007			178,621			Not Recorded			Not Recorded		Not Recorded	
Sampling Date		4/21/2021			11/4/2021			10/31/2022			5/5/2023		8/1/2023	
Well Depth (feet): UNKNOWN		INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	EFF	MID	EFF
EPA 537.1 (ng/L)														
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.1)	ND (2.1)	ND (2.0)	ND (1.9)	ND (2.0)	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Tota
ND = Not detected above the lab reporting limits shown in parentheses
Bolded values exceed the prposed Method 1 Standarc
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	2 Radford Rd							
Sampling Date		2/19/2020	11/30/2021	1/21/2021	4/21/2021	11/5/2021	4/14/2022	10/28/2022	4/20/2023
Well Depth (feet): UNKNOWN									
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	7 Radford Rd									
Sampling Date		2/28/2020	7/21/2020	1/21/2021	4/21/2021	11/3/2021	4/14/2022	10/28/2022	12/2/2022	1/18/2023	4/24/2023
Well Depth (feet): UNKNOWN									**POET INSTALLED**	**EFF**	**INF**
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	2.7	2.2	ND (2.0)	2	1-2cf Vessel	ND (2.0)	4.2
Perfluorooctanesulfonic acid (PFOS)		2.3	3.2	2.5	3.2	3.7	3.7	3.4		ND (2.0)	4.5
Perfluorononanoic acid (PFNA)		ND (2.0)	2.7	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Total (All Compounds)		2.3	5.9	2.5	5.9	5.9	3.7	5.4		ND (2.0)	8.7
Regulated Total	20	2.3	5.9	2.5	5.9	5.9	3.7	5.4		ND (2.0)	8.7

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	8 Radford Rd									
Sampling Date		2/28/2020	7/21/2020	1/21/2021	4/21/2021	11/3/2021	4/14/2022	10/24/2022	2/8/2023	4/21/2023	
Well Depth (feet): UNKNOWN									**POET INSTALLED**	**INF**	**EFF**
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	1.8	ND (2.0)	ND (2.0)		2.1	ND (2.0)
Perfluorooctanoic acid (PFOA)		3.9	4.1	3.9	5.4	5.1	4.3	2.9	1-2cf Vessel	4.8	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		2.5	3.1	2.4	3.6	3.5	3.1	2.7		3.6	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (2.0)	ND (2.0)
Total (All Compounds)		6.4	7.2	6.3	9.0	10.4	7.4	5.6		10.5	ND (2.0)
Regulated Total	20	6.4	7.2	6.3	9.0	10.4	7.4	5.6		10.5	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	11 Radford Rd									
Sampling Date		2/14/2020	7/22/2021	1/21/2021	4/22/2021	11/5/2021	4/14/2022	10/25/2022	11/16/2022	11/30/2022	5/5/2023
Well Depth (feet): UNKNOWN									**POET INSTALLED**	**EFF**	**INF**
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		2.7	3.1	2.3	3.7	3.6	3.8	4.4	1-2cf Vessel	ND (1.9)	4.8
Perfluorooctanesulfonic acid (PFOS)		2.3	3.1	2.1	2.9	3.3	2.9	3.3		ND (1.9)	3.6
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)		ND (1.9)	ND (1.9)
Total (All Compounds)		5.0	6.2	4.4	6.6	6.9	6.7	7.7		ND (1.9)	8.4
Regulated Total	20	5.0	6.2	4.4	6.6	6.9	6.7	7.7		ND (1.9)	8.4

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	12 Radford Rd													
Flow Meter Reading (gallons)		-		879			1,943			3,465			6,539		
Sampling Date		5/1/2020	6/16/2020	6/30/2020			7/31/2020			8/31/2020			11/3/2020		
Well Depth (feet): UNKNOWN			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		2.4		2.7	ND (2.0)	ND (2.0)	2.3	ND (2.0)	ND (2.0)	2.9	ND (2.0)	ND (2.0)	2.7	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		3.2		3.2	ND (2.0)	ND (2.0)	3.3	ND (2.0)	ND (2.0)	4.2	ND (2.0)	ND (2.0)	3.7	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		11		9.8	ND (2.0)	ND (2.0)	11	ND (2.0)	ND (2.0)	13	ND (2.0)	ND (2.0)	13	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		8.3	2-2cf Vessels	7.5	ND (2.0)	ND (2.0)	8.9	ND (2.0)	ND (2.0)	8.5	ND (2.0)	ND (2.0)	8.7	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		24.9		23.2	ND (2.0)	ND (2.0)	25.5	ND (2.0)	ND (2.0)	28.6	ND (2.0)	ND (2.0)	28.1	ND (2.0)	ND (2.0)
Regulated Total	20	**22.5**		**20.5**	ND (2.0)	ND (2.0)	**23.2**	ND (2.0)	ND (2.0)	**25.7**	ND (2.0)	ND (2.0)	**25.4**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	12 Radford Rd												
Flow Meter Reading (gallons)		9,916			15,126			-		50,514			55,069	
Sampling Date		1/29/2021			4/23/2021			7/27/2022		10/28/2022			1/19/2023	
Well Depth (feet): UNKNOWN		INF	MID	EFF	INF	MID	EFF	MID	EFF	INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)														
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		3.4	ND (2.0)	ND (2.0)	2.9	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	2	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		5.1	ND (2.0)	ND (2.0)	4.1	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	3.8	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorooctanoic acid (PFOA)		14	ND (2.0)	ND (2.0)	14	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	11	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		10	ND (2.0)	ND (2.0)	9.9	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	9.9	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Total (All Compounds)		32.5	ND (2.0)	ND (2.0)	30.9	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	26.7	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)
Regulated Total	20	**29.1**	ND (2.0)	ND (2.0)	**28.0**	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	**24.7**	ND (1.9)	ND (2.0)	ND (1.9)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	12 Radford Rd				
Flow Meter Reading (gallons)		59,223			66,196	
Sampling Date		4/20/2023			8/1/2023	
Well Depth (feet): UNKNOWN		INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)						
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		3	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		4.6	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorooctanoic acid (PFOA)		13	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		11	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Total (All Compounds)		31.6	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)
Regulated Total	20	**28.6**	ND (1.8)	ND (1.9)	ND (1.8)	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	13 Radford Rd							
Sampling Date		3/4/2020	7/21/2020	1/22/2021	4/21/2021	11/4/2021	4/14/2022	10/28/2022	4/26/2023
Well Depth (feet): UNKNOWN									
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	15 Radford Rd													
Flow Meter Reading (Gallons)		-	-	381			1,947			4,504			7,391		
Sampling Date		9/18/2020	10/21/2020	10/30/2020			12/4/2020			2/5/2021			4/21/2021		
Well Depth (feet): UNKNOWN			POET INSTALLED	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF	INF	MID	EFF
EPA 537.1 (ng/L)															
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		3		2.2	ND (2.0)	ND (2.0)	2.4	ND (2.0)	ND (2.0)	2.9	ND (2.0)	ND (2.0)	2.7	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		4.3		3.4	ND (2.0)	ND (2.0)	3.2	ND (2.0)	ND (2.0)	4.3	ND (2.0)	ND (2.0)	3.8	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		15		12	ND (2.0)	ND (2.0)	14	ND (2.0)	ND (2.0)	12	ND (2.0)	ND (2.0)	13	ND (2.0)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		11	2-2cf Vessels	8.8	ND (2.0)	ND (2.0)	8.9	ND (2.0)	ND (2.0)	9	ND (2.0)	ND (2.0)	8.2	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		33.3		26.4	ND (2.0)	ND (2.0)	28.5	ND (2.0)	ND (2.0)	28.2	ND (2.0)	ND (2.0)	27.7	ND (2.0)	ND (2.0)
Regulated Total	20	**30.3**		**24.2**	ND (2.0)	ND (2.0)	**26.1**	ND (2.0)	ND (2.0)	**25.3**	ND (2.0)	ND (2.0)	**25.0**	ND (2.0)	ND (2.0)

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	15 Radford Rd										
Flow Meter Reading (Gallons)		29,244		33,368			36,632		40,816			Not Recorded	
Sampling Date		7/27/2022		10/28/2022			1/20/2023		4/27/2023			7/31/2023	
Well Depth (feet): UNKNOWN		MID	EFF	INF	MID	EFF	MID	EFF	INF	MID	EFF	MID	EFF
EPA 537.1 (ng/L)													
Perfluorobutanesulfonic acid (PFBS)		ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.2)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (1.9)	ND (1.9)	2.1	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.2)	2.9	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.2)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (1.9)	ND (1.9)	4.5	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.2)	3.7	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (1.9)	ND (1.9)	13	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.2)	12	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (1.9)	ND (1.9)	12	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.2)	9.9	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.2)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.2)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
N-EtFOSAA		ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.2)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.2)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
N-MeFOSAA		ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.2)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.2)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.2)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (1.9)	ND (1.9)	ND (2.1)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.2)	ND (2.1)	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Total (All Compounds)		ND (1.9)	ND (1.9)	31.6	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.2)	28.5	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)
Regulated Total	20	ND (1.9)	ND (1.9)	**29.5**	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.2)	**25.6**	ND (1.9)	ND (1.9)	ND (1.9)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	18 Radford							
Sampling Date		9/18/2020	1/29/2021	4/26/2021	11/5/2021	4/14/2022	11/16/2023	12/19/2023	5/5/2023
Well Depth (feet): UNKNOWN							**POET INSTALLED**	**EFF**	**INF**
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	2.0	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	2.7	2.2	2	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	2.3	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		5.2	6.5	6	5.9	4.5	1-2cf Vessel	ND (1.9)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		4.3	5.0	3.7	5.1	3.2		ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)		ND (1.9)	ND (1.9)
Total (All Compounds)		9.5	18.5	11.9	13.0	7.7		ND (1.9)	ND (1.9)
Regulated Total	20	9.5	13.8	9.7	11.0	7.7		ND (1.9)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	23 Radford Rd								
Sampling Date		7/22/2020	1/22/2021	4/26/2021	11/5/2021	4/14/2022	10/26/2022	12/7/2023	1/19/2023	5/5/2023
Well Depth (feet): UNKNOWN								**POET INSTALLED**	**EFF**	**INF**
EPA 537.1 (ng/L)										
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	2.8	ND (2.0)	2	ND (2.1)	ND (2.3)		ND (2.0)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		2.2	2.4	ND (2.0)	2	2.4	2.4		ND (2.0)	3.2
Perfluorohexanesulfonic acid (PFHxS)		2.8	3	ND (2.0)	2.6	2.7	3.2		ND (2.0)	3.2
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	2.3	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.3)		ND (2.0)	2.1
Perfluorooctanoic acid (PFOA)		6.5	6.4	5.2	6.6	5.5	6.4	1-2cf Vessel	ND (2.0)	8.1
Perfluorooctanesulfonic acid (PFOS)		5.5	5.7	4.1	6.3	5.3	6.1		ND (2.0)	6.6
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.3)		ND (2.0)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.3)		ND (2.0)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.3)		ND (2.0)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.3)		ND (2.0)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.3)		ND (2.0)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.3)		ND (2.0)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.3)		ND (2.0)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (2.3)		ND (2.0)	ND (1.9)
Total (All Compounds)		17.0	22.6	9.3	19.5	15.9	18.1		ND (2.0)	23.2
Regulated Total	20	14.8	17.4	9.3	15.5	13.5	15.7		ND (2.0)	**20.0**

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	28 Radford Rd									
Sampling Date		1/30/2020	7/21/2020	1/21/2021	4/26/2021	10/1/2021	10/25/2021		4/13/2022	12/7/2022	4/20/2023
Well Depth (feet): 180						**POET INSTALLED**	**INF**	**EFF**	**INF**	**INF**	**INF**
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		2.1	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.9)	ND (2.0)	2.3	2
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.9)	ND (2.0)	2.2	2.4
Perfluorohexanesulfonic acid (PFHxS)		2.7	ND (2.0)	ND (2.0)	2.2		2.5	ND (1.9)	2.3	4	3.8
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	1.9
Perfluorooctanoic acid (PFOA)		5.4	4.6	4.8	6.2	2-2cf Vessels	5.7	ND (1.9)	5.8	6.8	7.1
Perfluorooctanesulfonic acid (PFOS)		7	4.0	3.8	5.5		5.2	ND (1.9)	4.4	6.9	6.5
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.9)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		17.2	8.6	8.6	13.9		13.4	ND (1.9)	12.5	22.2	23.7
Regulated Total	20	15.1	8.6	8.6	13.9		13.4	ND (1.9)	12.5	17.7	19.3

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	29 Radford Rd									
Sampling Date		3/17/2020	7/21/2020	1/21/2021	4/22/2021	10/1/2021	10/25/2021		4/14/2022	10/24/2022	4/26/2023
Well Depth (feet): UNKNOWN						**POET INSTALLED**	**INF**	**MID**	**INF**	**INF**	**INF**
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorooctanoic acid (PFOA)		3.2	2.4	3.3	3.3	2-2cf Vessels	4.2	ND (1.9)	4.3	4.1	3.2
Perfluorooctanesulfonic acid (PFOS)		3.5	2.8	3.3	3.4		3.7	ND (1.9)	3.2	4.7	4.1
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.9)	ND (1.9)	ND (2.0)	ND (1.9)
Total (All Compounds)		6.7	5.2	6.6	6.7		7.9	ND (1.9)	7.5	8.8	7.3
Regulated Total	20	6.7	5.2	6.6	6.7		7.9	ND (1.9)	7.5	8.8	7.3

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	33 Radford Rd						
Sampling Date		5/29/2020	10/8/2020	1/29/2021	4/19/2021	11/8/2021	4/13/2022	10/27/2022
Well Depth (feet): UNKNOWN								
EPA 537.1 (ng/L)								
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	2.2	ND (2.0)	2.3	ND (2.0)	2.4
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	2.2	ND (2.0)	2.3	ND (2.0)	ND (1.9)
Regulated Total	20	ND (2.0)	ND (2.0)	2.2	ND (2.0)	2.3	ND (2.0)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	37 Radford Rd								
Sampling Date		4/28/2020	10/8/2020	1/20/2021	4/20/2021	11/5/2021	4/15/2022	10/31/2022	11/16/2022	11/30/2022
Well Depth (feet): 70									**POET INSTALLED**	**EFF**
EPA 537.1 (ng/L)										
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2	ND (1.9)	2.4		ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)		ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	2.6	2.8	1.9	1.9	3.4		ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)		ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)	1-2cf Vessel	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		2.1	2.5	2.5	2.2	2.3	2.0	3.5		ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)		ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)		ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)		ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)		ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)		ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)		ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)		ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)	ND (1.9)	ND (1.8)		ND (1.8)
Total (All Compounds)		2.1	2.5	5.1	5.0	6.2	3.9	9.3		ND (1.8)
Regulated Total	20	2.1	2.5	5.1	5.0	4.2	3.9	6.9		ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	7 Thompson Road			
Sampling Date		5/6/2021	11/4/2021	4/12/2022	10/27/2022
Well Depth (feet): UNKNOWN					
EPA 537.1 (ng/L)					
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (1.8)	ND (1.9)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (1.8)	ND (1.9)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (1.8)	ND (1.9)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (1.8)	ND (1.9)	ND (2.0)
Total (All Compounds)		ND (2.0)	ND (1.8)	ND (1.9)	ND (2.0)
Regulated Total	20	ND (2.0)	ND (1.8)	ND (1.9)	ND (2.0)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	1 Worcester Rd									
Sampling Date		1/7/2020	6/11/2020	12/16/2020	4/26/2021	11/4/2021	4/21/2022	10/25/2022	12/2/2022	4/20/2023	
Well Depth (feet): UNKNOWN									**POET INSTALLED**	INF	**EFF**
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (2.0)	2.5	ND (2.0)	2	2.5	ND (1.9)	2.6	1-2cf Vessel	3.5	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)		2.1	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.9)	ND (1.9)		ND (1.9)	ND (1.8)
Total (All Compounds)		ND (2.0)	2.5	ND (2.0)	2.0	2.5	ND (1.9)	2.6		5.6	ND (1.8)
Regulated Total	20	ND (2.0)	2.5	ND (2.0)	2.0	2.5	ND (1.9)	2.6		5.6	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	10 Worcester Rd										
Sampling Date		1/9/2020	6/11/2020	10/16/2020	1/21/2021	4/19/2021	11/5/2021	4/13/2022	10/28/2022	1/18/2023	5/5/2023	
Well Depth (feet): 400 (DEP Log)										**POET INSTALLED**	**INF**	EFF
EPA 537.1 (ng/L)												
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		3.8	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		8	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)
Perfluorooctanoic acid (PFOA)		3.6	3.0	ND (2.0)	3.2	3.1	2.9	3	3.1	1-2cf Vessel	4.5	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		2.3	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)
Perfluorononanoic acid (PFNA)		2.7	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.8)	ND (1.8)
Total (All Compounds)		20.4	3.0	ND (2.0)	3.2	3.1	2.9	3	3.1		4.5	ND (1.8)
Regulated Total	20	16.6	3.0	ND (2.0)	3.2	3.1	2.9	3	3.1		4.5	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	15 Worcester Rd							
Sampling Date		3/6/2020	7/21/2020	1/29/2021	4/26/2021	11/17/2022	4/14/2022	10/31/2022	4/27/2023
Well Depth (feet): UNKNOWN									
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	2.1	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	2.2	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorooctanoic acid (PFOA)		3.1	3.1	4	4.1	4	3.6	5.9	4.0
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.9)
Total (All Compounds)		3.1	3.1	8.3	4.1	4.0	3.6	5.9	4.0
Regulated Total	20	3.1	3.1	6.2	4.1	4.0	3.6	5.9	4.0

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	16 Worcester Rd							
Sampling Date		2/5/2020	7/29/2020	1/19/2021	4/23/2021	11/4/2021	4/14/2022	10/28/2022	4/25/2023
Well Depth (feet): UNKNOWN									
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorooctanoic acid (PFOA)		2.2	2.6	ND (2.0)	4.2	2.9	2.7	3.0	2.7
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)
Total (All Compounds)		2.2	2.6	ND (2.0)	4.2	2.9	2.7	3.0	2.7
Regulated Total	20	2.2	2.6	ND (2.0)	4.2	2.9	2.7	3.0	2.7

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	17 Worcester Rd									
Sampling Date		2/10/2020	7/21/2020	1/22/2021	4/22/2021	11/11/2021	4/15/2022	10/26/2022	1/13/2023	4/21/2023	
Well Depth (feet): 300									**POET INSTALLED**	**INF**	**EFF**
EPA 537.1 (ng/L)											
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	2.3	1-2cf Vessel	2.0	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)		ND (1.9)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)		ND (1.9)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)		ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	ND (1.9)		ND (1.9)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	2.3		2.0	ND (1.9)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (1.8)	2.3		2.0	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	20 Worcester Rd							
Sampling Date		3/17/2020	7/21/2020	1/20/2021	4/27/2021	11/4/2021	5/4/2022	10/24/2022	4/20/2023
Well Depth (feet): 340 (DEP Log)									
EPA 537.1 (ng/L)									
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	6.5
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	1.8	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (1.8)	ND (2.0)	ND (1.9)	ND (1.9)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	1.8	ND (2.0)	ND (1.9)	6.5
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	1.8	ND (2.0)	ND (1.9)	6.5

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	23 Worcester Rd								
Sampling Date		2/5/2020	7/21/2020	1/29/2021	4/27/2021	11/3/2021	4/15/2022	8/1/2022	8/13/2022	
Well Depth (feet): UNKNOWN								**POET INSTALLED**	**MID**	**EFF**
EPA 537.1 (ng/L)										
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.8)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.8)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.8)
Perfluorooctanoic acid (PFOA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.4	2-2cf Vessels	ND (1.9)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.8)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.8)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.8)
N-EtFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.8)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.8)
N-MeFOSAA		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.8)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)		ND (1.9)	ND (1.8)
Total (All Compounds)		ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.4		ND (1.9)	ND (1.8)
Regulated Total	20	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	ND (2.0)	2.4		ND (1.9)	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	25 Worcester Rd			
Sampling Date		7/26/2022	9/16/2022	2/1/2023	4/3/2023
Well Depth (feet): UNKNOWN			**RESAMPLE**	**POET INSTALLED**	**EFF**
EPA 537.1 (ng/L)					
Perfluorobutanesulfonic acid (PFBS)		ND (1.9)	ND (2.0)		ND (1.7)
Perfluorohexanoic acid (PFHxA)		ND (1.9)	ND (2.0)		ND (1.7)
Perfluorohexanesulfonic acid (PFHxS)		ND (1.9)	ND (2.0)		ND (1.7)
Perfluoroheptanoic acid (PFHpA)		ND (1.9)	ND (2.0)		ND (1.7)
Perfluorooctanoic acid (PFOA)		1.9	1.9	1-2cf Vessel	ND (1.7)
Perfluorooctanesulfonic acid (PFOS)		ND (1.9)	2.2		ND (1.7)
Perfluorononanoic acid (PFNA)		ND (1.9)	ND (2.0)		ND (1.7)
Perfluorodecanoic acid (PFDA)		ND (1.9)	ND (2.0)		ND (1.7)
N-EtFOSAA		ND (1.9)	ND (2.0)		ND (1.7)
Perfluoroundecanoic acid (PFUnA)		ND (1.9)	ND (2.0)		ND (1.7)
N-MeFOSAA		ND (1.9)	ND (2.0)		ND (1.7)
Perfluorododecanoic acid (PFDoA)		ND (1.9)	ND (2.0)		ND (1.7)
Perfluorotridecanoic acid (PFTrDA)		ND (1.9)	ND (2.0)		ND (1.7)
Perfluorotetradecanoic acid (PFTA)		ND (1.9)	ND (2.0)		ND (1.7)
Total (All Compounds)		1.9	4.1		ND (1.7)
Regulated Total	20	1.9	4.1		ND (1.7)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	26 Worcester Rd
Sampling Date		10/28/2022
Well Depth (feet): 400 (DEP Log)		
EPA 537.1 (ng/L)		
Perfluorobutanesulfonic acid (PFBS)		ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (1.9)
Perfluorononanoic acid (PFNA)		ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (1.9)
N-EtFOSAA		ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (1.9)
N-MeFOSAA		ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (1.9)
Total (All Compounds)		ND (1.9)
Regulated Total	20	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	27 Worcester Rd				
Sampling Date		7/27/2022	10/27/2022	2/1/2023	4/25/2023	
Well Depth (feet): UNKNOWN				POET INSTALLED	INF	EFF
EPA 537.1 (ng/L)						
Perfluorobutanesulfonic acid (PFBS)		ND (2.0)	ND (2.0)		ND (2.1)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.0)	ND (2.0)		ND (2.1)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.0)	ND (2.0)		ND (2.1)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.0)	ND (2.0)		ND (2.1)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.0)	2.4	1-2cf Vessel	ND (2.1)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.0)	1.9		ND (2.1)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.0)	ND (2.0)		ND (2.1)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.0)	ND (2.0)		ND (2.1)	ND (1.9)
N-EtFOSAA		ND (2.0)	ND (2.0)		ND (2.1)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)		ND (2.1)	ND (1.9)
N-MeFOSAA		ND (2.0)	ND (2.0)		ND (2.1)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)		ND (2.1)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)		ND (2.1)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)		ND (2.1)	ND (1.9)
Total (All Compounds)		ND (2.0)	4.3		ND (2.1)	ND (1.9)
Regulated Total	20	ND (2.0)	4.3		ND (2.1)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	29 Worcester Rd		
Sampling Date		7/27/2022	1/19/2023	4/27/2023
Well Depth (feet): UNKNOWN				
EPA 537.1 (ng/L)				
Perfluorobutanesulfonic acid (PFBS)		ND (2.1)	ND (2.2)	ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (2.1)	ND (2.2)	ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (2.1)	ND (2.2)	ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (2.1)	ND (2.2)	ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (2.1)	ND (2.2)	ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (2.1)	ND (2.2)	ND (1.9)
Perfluorononanoic acid (PFNA)		ND (2.1)	ND (2.2)	ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (2.1)	ND (2.2)	ND (1.9)
N-EtFOSAA		ND (2.1)	ND (2.2)	ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (2.1)	ND (2.2)	ND (1.9)
N-MeFOSAA		ND (2.1)	ND (2.2)	ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (2.1)	ND (2.2)	ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (2.1)	ND (2.2)	ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (2.1)	ND (2.2)	ND (1.9)
Total (All Compounds)		ND (2.1)	ND (2.2)	ND (1.9)
Regulated Total	20	ND (2.1)	ND (2.2)	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 1
PFAS Drinking Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	41 Worcester Rd
Sampling Date		12/8/2022
Well Depth (feet): 225 (DEP Log)		
EPA 537.1 (ng/L)		
Perfluorobutanesulfonic acid (PFBS)		ND (1.9)
Perfluorohexanoic acid (PFHxA)		ND (1.9)
Perfluorohexanesulfonic acid (PFHxS)		ND (1.9)
Perfluoroheptanoic acid (PFHpA)		ND (1.9)
Perfluorooctanoic acid (PFOA)		ND (1.9)
Perfluorooctanesulfonic acid (PFOS)		ND (1.9)
Perfluorononanoic acid (PFNA)		ND (1.9)
Perfluorodecanoic acid (PFDA)		ND (1.9)
N-EtFOSAA		ND (1.9)
Perfluoroundecanoic acid (PFUnA)		ND (1.9)
N-MeFOSAA		ND (1.9)
Perfluorododecanoic acid (PFDoA)		ND (1.9)
Perfluorotridecanoic acid (PFTrDA)		ND (1.9)
Perfluorotetradecanoic acid (PFTA)		ND (1.9)
Total (All Compounds)		ND (1.9)
Regulated Total	20	ND (1.9)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Total
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 2
PFAS Surface Water Runoff Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Massachusetts Contingency Plan GW-1 Standard & MMCL	30 Mountain Runoff								41 Prospect Runoff		
Sampling Date		2/27/2020	4/22/2021	7/12/2021	10/27/2021	4/8/2022	9/6/2022	4/23/2023	4/23/2023	4/22/2021	7/12/2021	4/8/2022
		Pipe	**Overland Flow**	**Overland Flow**	**Overland Flow**	**Overland Flow**	**Overland Flow**	**Overland Flow**	**Pipe**			
PFAS (ng/L)												
Perfluorobutanoic acid (PFBA)		-	-	16	ND (20)	-	16	9.4	12	-	ND (2.0)	-
Perfluorobutanesulfonic acid (PFBS)		58	20	42	31	8.9	18	7.9	ND (10)	ND (2.0)	ND (2.0)	ND (1.8)
Perfluoropentanoic acid (PFPeA)		-	-	19	5.2	-	14	20	ND (10)	-	ND (2.0)	-
Perfluorohexanoic acid (PFHxA)		88	24	40	24	15	29	24	24	ND (2.0)	ND (2.0)	ND (1.8)
11Cl-PF3OUdS (F53B Minor)		-	ND (2.0)	ND (2.0)	ND (20)	-	ND (2.7)	ND (1.8)	ND (10)	-	ND (2.0)	-
9Cl-PF3ONS (F53B Major)		-	ND (2.0)	ND (2.0)	ND (20)	-	ND (2.7)	ND (1.8)	ND (10)	-	ND (2.0)	-
4,8-dioxa-3H-perfluorononanoic acid (ADONA)		-	ND (2.0)	ND (2.0)	ND (20)	-	ND (2.7)	ND (1.8)	ND (10)	-	ND (2.0)	-
Hexafluoropropylene oxide dimer acid (HFPO-DA)		-	ND (2.0)	ND (2.0)	ND (20)	-	ND (2.7)	ND (1.8)	ND (10)	-	ND (2.0)	-
8:2 Fluorotelomersulfonic acid (8:2FTS A)		-	-	ND (2.0)	ND (20)	-	ND (2.7)	ND (1.8)	ND (10)	-	ND (2.0)	-
Perfluorododecanoic acid (PFDoA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (20)	ND (1.9)	ND (2.7)	ND (1.8)	ND (10)	ND (2.0)	ND (2.0)	ND (1.8)
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)		-	-	ND (2.0)	ND (20)	-	ND (2.7)	ND (1.8)	ND (10)	-	ND (2.0)	-
Perfluoroheptanesulfonic acid (PFHpS)		-	-	43	25	-	18	17	17	-	ND (2.0)	-
N-EtFOSAA		3.1	ND (2.0)	ND (2.0)	ND (20)	ND (1.9)	ND (2.7)	ND (1.8)	ND (10)	ND (2.0)	ND (2.0)	ND (1.8)
N-MeFOSAA		3.9	ND (2.0)	ND (2.0)	ND (20)	ND (1.9)	ND (2.7)	ND (1.8)	ND (10)	ND (2.0)	ND (2.0)	ND (1.8)
Perfluorotetradecanoic acid (PFTA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (20)	ND (1.9)	ND (2.7)	ND (1.8)	ND (10)	ND (2.0)	ND (2.0)	ND (1.8)
Perfluorotridecanoic acid (PFTrDA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (20)	ND (1.9)	ND (2.7)	ND (1.8)	ND (10)	ND (2.0)	ND (2.0)	ND (1.8)
4:2 Fluorotelomersulfonic acid (4:2FTS A)		-	-	ND (2.0)	ND (20)	-	ND (2.7)	ND (1.8)	ND (10)	-	ND (2.0)	-
Perfluorodecanesulfonic acid (PFDS)		-	-	ND (2.0)	ND (20)	-	ND (2.7)	2.8	ND (10)	-	ND (2.0)	-
Perfluorooctanesulfonamide (FOSA)		-	-	2.5	ND (20)	-	2.7	2.7	ND (10)	-	ND (2.0)	-
Perfluorononanesulfonic acid (PFNS)		-	-	ND (2.0)	ND (20)	-	5.9	7.5	ND (10)	-	ND (2.0)	-
Perfluoro-1-hexanesulfonamide (FHxSA)		-	-	36	48	-	48	20	38	-	ND (2.0)	-
Perfluoro-1-butanesulfonamide (FBSA)		-	-	12	9.5	-	9.5	4.9	ND (10)	-	ND (2.0)	-
Perfluoro-4-oxapentanoic acid (PFMPA)		-	-	ND (2.0)	ND (20)	-	ND (2.7)	ND (1.8)	ND (10)	-	ND (2.0)	-
Perfluoro-5-oxahexanoic acid (PFMBA)		-	-	ND (2.0)	ND (20)	-	ND (2.7)	ND (1.8)	ND (10)	-	ND (2.0)	-
6:2 Fluorotelomersulfonic acid (6:2FTS A)		-	-	ND (2.0)	ND (20)	-	ND (2.7)	ND (1.8)	ND (10)	-	ND (2.0)	-
Perfluoropetanesulfonic acid (PFPeS)		-	-	53	31	-	18	11	12	-	ND (2.0)	-
Perfluoroundecanoic acid (PFUnA)		ND (2.0)	ND (2.0)	ND (2.0)	ND (20)	ND (1.9)	ND (1.9)	ND (1.8)	ND (10)	ND (2.0)	ND (2.0)	ND (1.8)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)		-	-	ND (2.0)	ND (20)	-	ND (2.7)	ND (1.8)	ND (10)	-	ND (2.0)	-
Perfluoroheptanoic acid (PFHpA)		23	6.2	16	8.3	4.1	11	9.1	ND (10)	ND (2.0)	ND (2.0)	ND (1.8)
Perfluorooctanoic acid (PFOA)		100	32	48	27	15	37	24	25	ND (2.0)	ND (2.0)	ND (1.8)
Perfluorooctanesulfonic acid (PFOS)		2800	2100	2000	1100	750	930	830	1200	ND (2.0)	ND (2.0)	ND (1.8)
Perfluorononanoic acid (PFNA)		3.1	ND (2.0)	3.9	ND (20)	ND (1.9)	5.7	4.9	ND (10)	ND (2.0)	ND (2.0)	ND (1.8)
Perfluorodecanoic acid (PFDA)		6.2	2.2	2.4	2.4	ND (1.9)	4.3	3.5	ND (10)	ND (2.0)	ND (2.0)	ND (1.8)
Perfluorohexanesulfonic acid (PFHxS)		710	350	620	430	140	180	140	220	ND (2.0)	ND (2.0)	ND (1.8)
Total (All Compounds)		3,800	2,500	3,000	1,700	930	1,300	1,139	1,548	ND (2.0)	ND (2.0)	ND (1.8)
Regulated Total	20	**3,600**	**2,500**	**2,700**	**1,600**	**910**	**1,200**	**1,012**	**1,445**	ND (2.0)	ND (2.0)	ND (1.8)

NOTES:
Gray colored cells indicate those 6 compounds included in the regulated PFAS Tota
- = indicates that the compound was not analyzed
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
MMCL is Massachusetts Maximun Contaminant Level

TABLE 3
PFAS Surface Water Summary
Princeton, Massachusetts
RTN 2-21072

Parameter	Surface Water Benchmark Values	Schoolhouse Pond		Airport Pond		SW-1	SW-2	SW-3	SW-4
Sampling Date		10/18/2021		10/18/2021		7/25/2023	7/25/2023	7/25/2023	7/25/2023
		Shallow	Deep	Shallow	Deep	Schoolhouse Pond Tributary	Brooks Station Rd Culvert	Gregory Hill Rd Culvert	Worcester Rd Culvert
PFAS (µg/L)									
Perfluorobutanoic acid (PFBA)		0.0044	0.0047	ND (0.0019)	ND (0.002)	0.0027	0.0026	0.005	0.0033
Perfluorobutanesulfonic acid (PFBS)		0.0061	0.0066	ND (0.0019)	ND (0.002)	0.0047	ND (0.0018)	ND (0.0018)	0.003
Perfluoropentanoic acid (PFPeA)		0.0043	0.0039	0.0012	0.0024	ND (0.002)	0.0019	0.0038	0.0056
Perfluorohexanoic acid (PFHxA)		0.0037	0.0039	ND (0.0019)	ND (0.002)	0.0028	ND (0.0018)	ND (0.0018)	0.0023
11Cl-PF3OUdS (F53B Minor)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
9Cl-PF3ONS (F53B Major)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
4,8-dioxa-3H-perfluorononanoic acid (ADONA)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Hexafluoropropylene oxide dimer acid (HFPO-DA)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
8:2 Fluorotelomersulfonic acid (8:2FTS A)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluorododecanoic acid (PFDoA)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluoroheptanesulfonic acid (PFHpS)		ND (0.0019)	0.0011	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
N-EtFOSAA		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
N-MeFOSAA		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluorotetradecanoic acid (PFTA)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluorotridecanoic acid (PFTrDA)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
4:2 Fluorotelomersulfonic acid (4:2FTS A)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluorodecanesulfonic acid (PFDS)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluorooctanesulfonamide (FOSA)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluorononanesulfonic acid (PFNS)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluoro-1-hexanesulfonamide (FHxSA)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluoro-1-butanesulfonamide (FBSA)		0.00037	0.00038	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluoro-4-oxapentanoic acid (PFMPA)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluoro-5-oxahexanoic acid (PFMBA)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
6:2 Fluorotelomersulfonic acid (6:2FTS A)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluoropetanesulfonic acid (PFPeS)		0.0056	0.0059	ND (0.0019)	ND (0.002)	0.004	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluoroundecanoic acid (PFUnA)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)		ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluoroheptanoic acid (PFHpA)	1705	0.0024	0.0021	0.00047	0.00066	0.0021	ND (0.0018)	0.0024	0.0024
Perfluorooctanoic acid (PFOA)	1705	0.0066	0.0065	0.00098	0.0011	0.0062	0.0033	0.0031	0.0056
Perfluorooctanesulfonic acid (PFOS)	19	0.0097	0.011	0.00097	0.0024	0.014	0.0019	0.0022	0.0061
Perfluorodecanoic acid (PFDA)	1705	ND (0.0019)	ND (0.002)	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluorononanoic acid (PFNA)	1705	0.0007	0.00064	ND (0.0019)	ND (0.002)	ND (0.002)	ND (0.0018)	ND (0.0018)	ND (0.0018)
Perfluorohexanesulfonic acid (PFHxS)	19	0.043	0.045	ND (0.0019)	ND (0.002)	0.044	ND (0.0018)	ND (0.0018)	0.012
Drinking Water Standard (PFAS6)	0.020	**0.062**	**0.065**	0.002	0.004	**0.066**	0.005	0.008	**0.026**

NOTES:
- = indicates that the compound was not analyzed
ND = Not detected above the lab reporting limits shown in parentheses.
Bolded values exceed the prposed Method 1 Standard
Surface Water Quality Criteria Reference
Minnesota Pollution Control Agency Surface Water Quality Criterion for Perfluorooctanoic Acid - https://www.pca.state.mn.us/sites/default/files/pfoa-report.pd
Minnesota Pollution Control Agency Surface Water Quality Criterion for Perfluorooctane Sulfonic Acid - https://www.pca.state.mn.us/sites/default/files/pfos-report.pd
Minnesota Pollution Control Agency Surface Water Quality Criterion for Perfluorooctanoic Acid - https://www.pca.state.mn.us/sites/default/files/pfoa-report.pd
Minnesota Pollution Control Agency Surface Water Quality Criterion for Perfluorooctane Sulfonic Acid - https://www.pca.state.mn.us/sites/default/files/pfos-report.pd
Minnesota Pollution Control Agency Surface Water Quality Criterion for Perfluorooctanoic Acid - https://www.pca.state.mn.us/sites/default/files/pfoa-report.pc

APPENDIX C

Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Central Regional Office • 8 New Bond Street, Worcester MA 01606 • 508-792-7650

Maura T. Healey
Governor

Kimberley Driscoll
Lieutenant Governor

Rebecca L. Tepper
Secretary

Bonnie Heiple
Commissioner

June 15, 2023

The First Congregational
Church of Princeton
Attn: Harry Pape, President
14 Mountain Rd
Princeton, MA 01541
churchoffice@firstchurchprinceton.org

Re: PWS Town: Princeton
PWS Name: Princeton First Congregational Church
PWS ID #: 2241006 - TNC;
Program: System Modification WS23A
Action: **Activation Approval**
MassDEP Trans. #: X287731

Dear Mr. Pape:

The Central Regional Office of the Massachusetts Department of Environmental Protection (MassDEP) personnel conducted site inspections on March 10 and May 1, 2023, and an activation inspection on June 14, 2023, of the new PFAS6 treatment system at the First Congregational Church of Princeton in Princeton, Massachusetts. MassDEP approved the application WS23A - Approval to Construct Treatment Facility < 40,000 gallons per day (gpd) on July 2, 2021. The application was prepared by Tighe & Bond Engineers of Westfield, Massachusetts, on behalf of The First Congregational Church of Princeton.

This letter is an activation approval to put the new PFAS6 drinking water treatment system into service. The raw water from Well 01G enters the mechanical room of the church where it passes two inline check valves and is measured by the existing water meter. Water is then directed past a pressure gauge and into the adjacent fuel storage room where it passes a digital flow meter, a raw water sample tap, a one-micron cartridge sediment filter, a post-filter sample tap, a 100-psi pressure relief, and a new expansion tank and pressure switch. The tank has a maximum volume of 50 gallons and working volume of 12-15 gallons. Leaving the expansion tank, water passes a sample tap and pressure gauge before being filtered by two filter vessels operating in lead-lag configuration with sample taps and pressure gauges before and after each vessel. Each vessel contains six cubic feet of Calgon Filtrasorb 600 Granular Activated Carbon (GAC) media and provides an Empty Bed Contact Time (EBCT) of 9 minutes when operating at 5 gallons per minute (gpm), as approved in the July 2, 2021, WS23A Approval Letter. Water leaving the filter vessels passes a 5-gpm flow restrictor before the piping brings the water back to the mechanical room. Water passes the existing emergency chemical injection port, the original 90-gallon bladder tank, and the original pressure switch to control the well. Water passes a finished water sample tap before being directed to the building plumbing to serve the church and daycare.

During installation, it was discovered that the filter system 5-gpm flow restrictor caused too much backpressure on the well pump, which pumps at 7 gpm. Removal of the flow restrictor would allow would result in only 6-minute EBCT per GAC filter. Therefore, an additional expansion tank was installed on the raw water side of the filters to take the additional volume while the treatment operates at a steady flow. During start up, it was discovered that backpressure would increase on the raw water line faster than the finished water pressure tank would fill. As a result, a second pressure switch was installed at the raw water pressure tank. The new pressure switch is wired in series with the existing pressure switch control well pump operation based on high or low pressures at either the finished water bladder tank or the raw water bladder tank. A normally-closed bypass line is present to isolate all new treatment components. Additional space has been left in the to install a potential future UV unit if disinfection becomes necessary after the GAC filters.

Water quality samples collected from the finished water on May 1, 2023, were absent for total coliform and E. coli bacteria. MassDEP received the engineer's certification letter and final as-built plans on June 14, 2023, completed by John McClellan, Massachusetts PE # 45195.

Pursuant to MassDEP's authority under 310 CMR 22.04(7) that each supplier of water operates and maintains its system in a manner that ensure the delivery of safe drinking water to consumers, this approval is made subject to the conditions set forth below.

1. PFAS6 Start-Up Samples – Within 30 days of the date of this letter, the Supplier of Water shall ensure a set of start-up PFAS6 samples are collected from the midpoint between GAC vessels and from the finished water and the laboratory results shall be submitted to MassDEP.

2. VOC Start-Up Samples – Within 30 days of the date of this letter, the Supplier of Water shall ensure a set of start-up VOC samples are collected from the finished water and the laboratory results shall be submitted to MassDEP.

3. Pressure Switch Settings – Within 60 days of the date of this letter, the on and off settings for the raw water pressure switch shall be adjusted to reduce well pump cycling and confirmation shall be submitted to MassDEP.

4. Water Treatment Plant Staffing Plan– In accordance with 310 CMR 22.11B, the water treatment plant is classified as a I-T treatment system. The Supplier of Water shall ensure that this water treatment plant is operated by an operator with a grade I-T license or higher. Within 30 days of the date of this letter, the Supplier of Water shall prepare and submit to MassDEP a revised Staffing and Operations Plan and a revised Certified Contract Operator Notice reflecting the new treatment system.

5. Operation and Maintenance Manual – Within 30 days of the date of this letter, a complete Operation and Maintenance (O&M) manual shall be prepared and kept on-site, a copy shall be provided to the certified operator, and a copy shall be submitted to MassDEP. The O&M manual shall include instructions for how to disconnect and move the filter vessels during media change-out events. The O&M manual shall also clearly outline the threshold detection of PFAS6 at the midpoint between GAC vessels at which the Supplier of Water shall begin the

process of changing the media.

6. Cross Connection Survey – Within 30 days of the date of this letter, a cross connection survey shall be conducted of the new treatment system and the report shall be submitted to MassDEP.

7. Future Treatment Modifications – Be advised that any future treatment modifications, such the installation of a UV unit or replacement of the Calgon Filtrasorb 600 media with a different type of PFAS6 removal media, require submission of a permit application for MassDEP's review and approval. A list of approved new technologies can be found on MassDEP's website: https://www.mass.gov/doc/list-of-massdep-approved-new-drinking-water-technologies/download.

Thank you, and if you have any questions or comments regarding this matter, please feel free to contact Kate Conoby of the Drinking Water Program at 857-321-0118 or Kathryn.Conoby@mass.gov.

Sincerely,

Robert A. Bostwick

Robert A. Bostwick
Section Chief
Drinking Water Program

ecc: Paula Caron, DW, CERO
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John McClellan, Tighe & Bond, JNMcClellan@tighebond.com
Terri Longtine, Princeton Board of Health, tlongtine@town.princeton.ma.us

Tighe&Bond

APPENDIX D

Massachusetts Department of Environmental Protection - Drinking Water Program

PFAS

Submitted - Signed

PWS ID #: 2241017 City/Town: PRINCETON

PWS Name: PRINCETON TOWN CAMPUS PWS Class: TNC

Primary Lab MA Cert #: MA030 Primary Lab Name: ALPHA ANALYTICAL

Location ID	Location	M/S:	D/S:	R/F:	Routine/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	Original Collection
01G	WELL 1 ENTRY POINT FINISHED WATER	S	S		RS	Chris Mazeika	7/18/2023	O		

Sample Comments:	Lab Sample ID:	Sample Composited:	Composite Sample Comments:
	L2342130-02	N	

Analytical Method:	Analytical Lab ID:	Analytical Lab:	Analysis Date:	Extraction date:	Analysis Comments:
EPA 537.1	MA030	ALPHA ANALYTICAL	7/31/2023	7/28/2023	

QA/QC Method1:	QA/QC Result1:	QA/QC Method 2:	QA/QC Result 2:
PERFLUORO-N-[1,2-13C2]HEXANOIC ACID (13C-PFHXA)	100	2,3,3,3-TETRAFLUORO-2-[1,1,2,2,3,3, 3-HEPTAFLUOROPROPOXY]-13C3-PROPANOIC ACID (M3HFPO-DA)	90

QA/QC Method3:	QA/QC Result3:	QA/QC Method4:	QA/QC Result4:
PERFLUORO-N-[1,2-13C2]DECANOIC ACID (13C-PFDA)	108	N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)	95

CAS #	Contaminant:	Result:	UOM:	MCL (ORSG):	MDL:	MRL:	Dilution Factor	Result Qualifier	Result Qualifier Description
Regulated Contaminants									
335-76-2	PERFLUORODECANOIC ACID - PFDA	ND	NG/L		0.587	2.00	1		
375-85-9	PERFLUOROHEPTANOIC ACID-PFHPA	ND	NG/L		0.587	2.00	1		
355-46-4	PERFLUOROHEXANESULFONIC ACID-PFHXS	ND	NG/L		0.587	2.00	1		
375-95-1	PERFLUORONONANOIC ACID-PFNA	ND	NG/L		0.587	2.00	1		
1763-23-1	PERFLUOROOCTANESULFONIC ACID-PFOS	ND	NG/L		0.587	2.00	1		
335-67-1	PERFLUOROOCTANOIC ACID-PFOA	ND	NG/L		0.587	2.00	1		
NONE	PFAS6	ND	NG/L	20	0.587	2.00	1		
Unregulated Contaminants									

M/S = Multiple or Single sources represented in sample site.
D/S = Distribution or Source sample site.
R/F = Raw or Finished water sample site.
MDL = Method Detection Limit.
UOM = Unit of Measurement.
O/R/C = Original submittal or Resubmitted submittal or Confirmation sample.

PFAS

Submitted - Signed

763051-92-9	11-CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID-11CL-PF3OUDS	ND	NG/L	0.587	2.00	1
919005-14-4	4,8-DIOXA-3H-PERFLUORONONANOIC ACID - ADONA	ND	NG/L	0.587	2.00	1
756426-58-1	9-CHLOROHEXADECAFLUORO-3-OXANONE-1-SULFONIC ACID-9CL-PF3ONS	ND	NG/L	0.587	2.00	1
13252-13-6	HEXAFLUOROPROPYLENE OXIDE DIMER ACID - HFPO-DA	ND	NG/L	0.587	2.00	1
2991-50-6	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID - NETFOSAA	ND	NG/L	0.587	2.00	1
2355-31-9	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID - NMEFOSAA	ND	NG/L	0.587	2.00	1
375-73-5	PERFLUOROBUTANESULFONIC ACID-PFBS	ND	NG/L	0.587	2.00	1
307-55-1	PERFLUORODODECANOIC ACID - PFDOA	ND	NG/L	0.587	2.00	1
307-24-4	PERFLUOROHEXANOIC ACID - PFHXA	ND	NG/L	0.587	2.00	1
376-06-7	PERFLUOROTETRADECANOIC ACID - PFTA	ND	NG/L	0.587	2.00	1
72629-94-8	PERFLUOROTRIDECANOIC ACID - PFTRDA	ND	NG/L	0.587	2.00	1
2058-94-8	PERFLUOROUNDECANOIC ACID - PFUNA	ND	NG/L	0.587	2.00	1

Location ID	Location	M/S:	D/S:	R/F:	Routine/ Special:	Collected By:	Collection Date:	O/R/C:	Resubmit Reason:	Original Collection
MP-01G	MID-POINT: BETWEEN AIX (PFAS) VESSELS	S	S		RS	Chris Mazeika	7/18/2023	O		

Sample Comments:	Lab Sample ID:	Sample Composited:	Composite Sample Comments:
	L2342130-01	N	

Analytical Method:	Analytical Lab ID:	Analytical Lab:	Analysis Date:	Extraction date:	Analysis Comments:
EPA 537.1	MA030	ALPHA ANALYTICAL	7/31/2023	7/28/2023	

QA/QC Method1:	QA/QC Result1:	QA/QC Method 2:	QA/QC Result 2:
PERFLUORO-N-[1,2-13C2]HEXANOIC ACID (13C-PFHXA)	93	2,3,3,3-TETRAFLUORO-2-[1,1,2,2,3,3,3-HEPTAFLUOROPROPOXY]-13C3-PROPANOIC ACID (M3HFPO-DA)	85
QA/QC Method3:	**QA/QC Result3:**	**QA/QC Method4:**	**QA/QC Result4:**
PERFLUORO-N-[1,2-13C2]DECANOIC ACID (13C-PFDA)	100	N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID	84

M/S = Multiple or Single sources represented in sample site.
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MDL = Method Detection Limit.
UOM = Unit of Measurement.

PWS ID #: 2241017
PWS Name: PRINCETON TOWN CAMPUS

PFAS

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(D5-NETFOSAA)

CAS #	Contaminant:	Result:	UOM:	MCL (ORSG):	MDL:	MRL:	Dilution Factor	Result Qualifier	Result Qualifier Description
Regulated Contaminants									
335-76-2	PERFLUORODECANOIC ACID - PFDA	ND	NG/L		0.584	2.00	1		
375-85-9	PERFLUOROHEPTANOIC ACID-PFHPA	ND	NG/L		0.584	2.00	1		
355-46-4	PERFLUOROHEXANESULFONIC ACID-PFHXS	ND	NG/L		0.584	2.00	1		
375-95-1	PERFLUORONONANOIC ACID-PFNA	ND	NG/L		0.584	2.00	1		
1763-23-1	PERFLUOROOCTANESULFONIC ACID-PFOS	ND	NG/L		0.584	2.00	1		
335-67-1	PERFLUOROOCTANOIC ACID-PFOA	ND	NG/L		0.584	2.00	1		
NONE	PFAS6	ND	NG/L	20	0.584	2.00	1		
Unregulated Contaminants									
763051-92-9	11-CHLOROEICOSAFLUORO-3-OXAUNDECANE-1-SULFONIC ACID-11CL-PF3OUDS	ND	NG/L		0.584	2.00	1		
919005-14-4	4,8-DIOXA-3H-PERFLUORONONANOIC ACID - ADONA	ND	NG/L		0.584	2.00	1		
756426-58-1	9-CHLOROHEXADECAFLUORO-3-OXANONE-1-SULFONIC ACID-9CL-PF3ONS	ND	NG/L		0.584	2.00	1		
13252-13-6	HEXAFLUOROPROPYLENE OXIDE DIMER ACID - HFPO-DA	ND	NG/L		0.584	2.00	1		
2991-50-6	N-ETHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID - NETFOSAA	ND	NG/L		0.584	2.00	1		
2355-31-9	N-METHYL PERFLUOROOCTANESULFONAMIDOACETIC ACID - NMEFOSAA	ND	NG/L		0.584	2.00	1		
375-73-5	PERFLUOROBUTANESULFONIC ACID-PFBS	ND	NG/L		0.584	2.00	1		
307-55-1	PERFLUORODODECANOIC ACID - PFDOA	ND	NG/L		0.584	2.00	1		
307-24-4	PERFLUOROHEXANOIC ACID - PFHXA	ND	NG/L		0.584	2.00	1		
376-06-7	PERFLUOROTETRADECANOIC ACID - PFTA	ND	NG/L		0.584	2.00	1		
72629-94-8	PERFLUOROTRIDECANOIC ACID - PFTRDA	ND	NG/L		0.584	2.00	1		
2058-94-8	PERFLUOROUNDECANOIC ACID - PFUNA	ND	NG/L		0.584	2.00	1		

M/S = Multiple or Single sources represented in sample site.
D/S = Distribution or Source sample site.
R/F = Raw or Finished water sample site.
MDL = Method Detection Limit.
UOM = Unit of Measurement.

PWS ID #: 2241017
PWS Name: PRINCETON TOWN CAMPUS

PFAS

Submitted - Signed

Primary Lab Signature: John Trimble

Date: 8/3/2023

EDEP Transaction ID: 1595308

Certified Signer User Name: JTRIMBLE

M/S = Multiple or Single sources represented in sample site.
D/S = Distribution or Source sample site.
R/F = Raw or Finished water sample site.
MDL = Method Detection Limit.
UOM = Unit of Measurement.

PWS ID #: 2241017
PWS Name: PRINCETON TOWN CAMPUS

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

May 10, 2023

Michael Scherer
Tighe & Bond, Inc. - Worcester
120 Front St.
Worcester, MA 01608-2303

Project Location: Princeton, MA
Client Job Number:
Project Number: P-0534
Laboratory Work Order Number: 23D2042

Enclosed are results of analyses for samples as received by the laboratory on April 18, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jessica L. Hoffman
Project Manager

Table of Contents

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Tighe & Bond, Inc. - Worcester
120 Front St.
Worcester, MA 01608-2303
ATTN: Michael Scherer

REPORT DATE: 5/10/2023

PURCHASE ORDER NUMBER:

PROJECT NUMBER: P-0534

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23D2042

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: Princeton, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
MW-102	23D2042-01	Ground Water		SOP-454 PFAS	
MW-101	23D2042-02	Ground Water		SOP-454 PFAS	
MW-6	23D2042-03	Ground Water		SOP-454 PFAS	
MW-10A	23D2042-04	Ground Water		SOP-454 PFAS	
MW-10D	23D2042-05	Ground Water		SOP-454 PFAS	
MW-7DR	23D2042-06	Ground Water		SOP-454 PFAS	
MW-14	23D2042-07	Ground Water		SOP-454 PFAS	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Qualifications:

D-01

Sample extracted/prepared at a dilution due to sample matrix interference.

Analyte & Samples(s) Qualified:

23D2042-05RE1[MW-10D], 23D2042-06[MW-7DR]

PF-17

Extracted Internal Standard recovery is outside of control limits. Data is not significantly affected since associated analyte is not detected and bias is on the high side.

Analyte & Samples(s) Qualified:

M2-4:2FTS
23D2042-02[MW-101], 23D2042-03[MW-6], 23D2042-04[MW-10A]

M2-6:2FTS
23D2042-03[MW-6], 23D2042-05RE1[MW-10D]

M2-8:2FTS
23D2042-01[MW-102], 23D2042-02[MW-101], 23D2042-03[MW-6], 23D2042-04[MW-10A], 23D2042-05RE1[MW-10D], 23D2042-06[MW-7DR], 23D2042-07[MW-14], B338975-BLK1, B339718-BLK1

PF-18

Duplicate analysis confirmed Extracted Internal Standard failure due to matrix effects.

Analyte & Samples(s) Qualified:

D3-NMeFOSAA
23D2042-06[MW-7DR]

D5-NEtFOSAA
23D2042-06[MW-7DR]

M2PFTA
23D2042-06[MW-7DR]

M7PFUnA
23D2042-06[MW-7DR]

M8FOSA
23D2042-06[MW-7DR]

MPFDoA
23D2042-06[MW-7DR]

PF-19

Sample re-analyzed at a dilution that was re-fortified with internal standard.

Analyte & Samples(s) Qualified:

Perfluorohexanesulfonic acid (PFHxS)
23D2042-01RE1[MW-102]

Perfluorooctanesulfonic acid (PFOS)
23D2042-01RE1[MW-102], 23D2042-07RE1[MW-14]

PF-20

Quantifying ion signal to noise ratio is <10. Detection is suspect.

Analyte & Samples(s) Qualified:

Perfluoroheptanoic acid (PFHpA)
23D2042-03[MW-6], 23D2042-04[MW-10A]

Perfluorohexanoic acid (PFHxA)
23D2042-03[MW-6]

Perfluoropentanoic acid (PFPeA)
23D2042-03[MW-6]

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

PF-23

Qualifier ion ratio <50% of associated calibration. Detection is suspect.

Analyte & Samples(s) Qualified:

Perfluorobutanesulfonic acid (PFBS)
23D2042-03[MW-6]

Perfluoroheptanesulfonic acid (PFHpS)
23D2042-03[MW-6]

Perfluorooctanesulfonic acid (PFOS)
23D2042-04[MW-10A]

S-29

Extracted Internal Standard is outside of control limits.

Analyte & Samples(s) Qualified:

M2-6:2FTS
23D2042-01[MW-102], 23D2042-02[MW-101], 23D2042-04[MW-10A]

M2-8:2FTS
B338975-BS1, B339718-BS1

M2PFTA
23D2042-01[MW-102], 23D2042-03[MW-6], 23D2042-04[MW-10A]

M8FOSA
23D2042-01[MW-102], 23D2042-03[MW-6], 23D2042-04[MW-10A]

MPFBA
23D2042-03[MW-6]

V-06

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

Analyte & Samples(s) Qualified:

6:2 Fluorotelomersulfonic acid (6:2FTS A)
23D2042-01[MW-102], 23D2042-02[MW-101], 23D2042-04[MW-10A], S087101-CCV4, S087101-CCV5

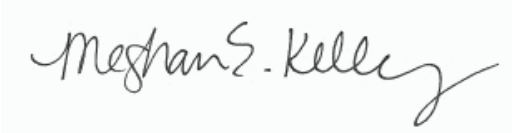
V-20

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

9Cl-PF3ONS (F53B Minor)
S087101-CCV3, S087101-CCV4

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley
Reporting Specialist

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Princeton, MA | Sample Description: | Work Order: 23D2042

Date Received: 4/18/2023

Field Sample #: MW-102

Sample ID: 23D2042-01 | Start Date/Time: 4/13/2023 9:30:00AM

Sample Matrix: Ground Water | Stop Date/Time: 4/13/2023 10:05:00AM

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	2.9	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluorobutanesulfonic acid (PFBS)	33	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluoropentanoic acid (PFPeA)	2.7	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluorohexanoic acid (PFHxA)	9.6	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluorodecanoic acid (PFDA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluoroheptanesulfonic acid (PFHpS)	13	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
N-EtFOSAA (NEtFOSAA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
N-MeFOSAA (NMeFOSAA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluorotetradecanoic acid (PFTA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluorotridecanoic acid (PFTrDA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluorodecanesulfonic acid (PFDS)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluorooctanesulfonamide (FOSA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluorononanesulfonic acid (PFNS)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluoro-1-butanesulfonamide (FBSA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluorohexanesulfonic acid (PFHxS)	510	18	ng/L	10	PF-19	SOP-454 PFAS	4/27/23	5/9/23 5:22	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
6:2 Fluorotelomersulfonic acid (6:2FTS A)	2.3	1.8	ng/L	1	V-06	SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluoropetanesulfonic acid (PFPeS)	42	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluoroheptanoic acid (PFHpA)	4.6	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluorooctanoic acid (PFOA)	13	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW
Perfluorooctanesulfonic acid (PFOS)	230	18	ng/L	10	PF-19	SOP-454 PFAS	4/27/23	5/9/23 5:22	QNW
Perfluorononanoic acid (PFNA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:19	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Princeton, MA | Sample Description: | Work Order: 23D2042

Date Received: 4/18/2023

Field Sample #: MW-101 | Sampled: 4/13/2023 11:45

Sample ID: 23D2042-02

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	2.9	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluorobutanesulfonic acid (PFBS)	17	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluoropentanoic acid (PFPeA)	4.7	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluorohexanoic acid (PFHxA)	8.3	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluorodecanoic acid (PFDA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluoroheptanesulfonic acid (PFHpS)	4.3	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
N-EtFOSAA (NEtFOSAA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
N-MeFOSAA (NMeFOSAA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluorotetradecanoic acid (PFTA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluorotridecanoic acid (PFTrDA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluorodecanesulfonic acid (PFDS)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluorooctanesulfonamide (FOSA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluorononanesulfonic acid (PFNS)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluoro-1-butanesulfonamide (FBSA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluorohexanesulfonic acid (PFHxS)	160	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
6:2 Fluorotelomersulfonic acid (6:2FTS A)	18	1.8	ng/L	1	V-06	SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluoropetanesulfonic acid (PFPeS)	15	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluoroheptanoic acid (PFHpA)	5.2	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluorooctanoic acid (PFOA)	11	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluorooctanesulfonic acid (PFOS)	70	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW
Perfluorononanoic acid (PFNA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:41	QNW

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Project Location: Princeton, MA | Sample Description: | Work Order: 23D2042

Date Received: 4/18/2023

Field Sample #: MW-6 | Sampled: 4/13/2023 12:30

Sample ID: 23D2042-03

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	3.9	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluorobutanesulfonic acid (PFBS)	10	1.9	ng/L	1	PF-23	SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluoropentanoic acid (PFPeA)	20	1.9	ng/L	1	PF-20	SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluorohexanoic acid (PFHxA)	3.4	1.9	ng/L	1	PF-20	SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluorodecanoic acid (PFDA)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluoroheptanesulfonic acid (PFHpS)	2.6	1.9	ng/L	1	PF-23	SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
N-EtFOSAA (NEtFOSAA)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
N-MeFOSAA (NMeFOSAA)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluorotetradecanoic acid (PFTA)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluorotridecanoic acid (PFTrDA)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluorodecanesulfonic acid (PFDS)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluorooctanesulfonamide (FOSA)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluorononanesulfonic acid (PFNS)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluoro-1-butanesulfonamide (FBSA)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluorohexanesulfonic acid (PFHxS)	21	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluoroheptanoic acid (PFHpA)	3.3	1.9	ng/L	1	PF-20	SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluorooctanoic acid (PFOA)	8.0	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluorooctanesulfonic acid (PFOS)	14	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW
Perfluorononanoic acid (PFNA)	2.2	1.9	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:48	QNW

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Project Location: Princeton, MA | Sample Description: | Work Order: 23D2042

Date Received: 4/18/2023

Field Sample #: MW-10A | Sampled: 4/13/2023 13:05

Sample ID: 23D2042-04

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	2.4	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluorobutanesulfonic acid (PFBS)	4.1	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluoropentanoic acid (PFPeA)	3.9	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluorohexanoic acid (PFHxA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluorodecanoic acid (PFDA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
N-EtFOSAA (NEtFOSAA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
N-MeFOSAA (NMeFOSAA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluorotetradecanoic acid (PFTA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluorotridecanoic acid (PFTrDA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluorodecanesulfonic acid (PFDS)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluorooctanesulfonamide (FOSA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluorononanesulfonic acid (PFNS)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluoro-1-butanesulfonamide (FBSA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluorohexanesulfonic acid (PFHxS)	18	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
6:2 Fluorotelomersulfonic acid (6:2FTS A)	17	1.8	ng/L	1	V-06	SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluoropetanesulfonic acid (PFPeS)	2.1	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluoroheptanoic acid (PFHpA)	2.2	1.8	ng/L	1	PF-20	SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluorooctanoic acid (PFOA)	2.8	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluorooctanesulfonic acid (PFOS)	10	1.8	ng/L	1	PF-23	SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW
Perfluorononanoic acid (PFNA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 3:56	QNW

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Project Location: Princeton, MA | Sample Description: | Work Order: 23D2042

Date Received: 4/18/2023

Field Sample #: MW-10D | Sampled: 4/13/2023 13:50

Sample ID: 23D2042-05

Sample Matrix: Ground Water

Sample Flags: D-01

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	36	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluorobutanesulfonic acid (PFBS)	12	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluoropentanoic acid (PFPeA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluorohexanoic acid (PFHxA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
11Cl-PF3OUdS (F53B Major)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
9Cl-PF3ONS (F53B Minor)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluorodecanoic acid (PFDA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluorododecanoic acid (PFDoA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
N-EtFOSAA (NEtFOSAA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
N-MeFOSAA (NMeFOSAA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluorotetradecanoic acid (PFTA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluorotridecanoic acid (PFTrDA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluorodecanesulfonic acid (PFDS)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluorooctanesulfonamide (FOSA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluorononanesulfonic acid (PFNS)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluoro-1-butanesulfonamide (FBSA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluorohexanesulfonic acid (PFHxS)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluoropetanesulfonic acid (PFPeS)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluoroundecanoic acid (PFUnA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluoroheptanoic acid (PFHpA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluorooctanoic acid (PFOA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluorooctanesulfonic acid (PFOS)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW
Perfluorononanoic acid (PFNA)	ND	11	ng/L	1		SOP-454 PFAS	5/3/23	5/9/23 20:44	QNW

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Project Location: Princeton, MA | Sample Description: | Work Order: 23D2042

Date Received: 4/18/2023

Field Sample #: MW-7DR | Sampled: 4/13/2023 11:00

Sample ID: 23D2042-06

Sample Matrix: Ground Water

Sample Flags: D-01

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluorobutanesulfonic acid (PFBS)	15	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluoropentanoic acid (PFPeA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluorohexanoic acid (PFHxA)	11	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
11Cl-PF3OUdS (F53B Major)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
9Cl-PF3ONS (F53B Minor)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluorodecanoic acid (PFDA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluorododecanoic acid (PFDoA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
N-EtFOSAA (NEtFOSAA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
N-MeFOSAA (NMeFOSAA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluorotetradecanoic acid (PFTA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluorotridecanoic acid (PFTrDA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluorodecanesulfonic acid (PFDS)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluorooctanesulfonamide (FOSA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluorononanesulfonic acid (PFNS)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluoro-1-butanesulfonamide (FBSA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluorohexanesulfonic acid (PFHxS)	130	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluoropetanesulfonic acid (PFPeS)	14	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluoroundecanoic acid (PFUnA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluoroheptanoic acid (PFHpA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluorooctanoic acid (PFOA)	15	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluorooctanesulfonic acid (PFOS)	78	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW
Perfluorononanoic acid (PFNA)	ND	10	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:10	QNW

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Project Location: Princeton, MA | Sample Description: | Work Order: 23D2042

Date Received: 4/18/2023

Field Sample #: MW-14 | Sampled: 4/13/2023 14:30

Sample ID: 23D2042-07

Sample Matrix: Ground Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	5.7	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluorobutanesulfonic acid (PFBS)	16	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluoropentanoic acid (PFPeA)	9.3	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluorohexanoic acid (PFHxA)	11	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluorodecanoic acid (PFDA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluoroheptanesulfonic acid (PFHpS)	5.2	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
N-EtFOSAA (NEtFOSAA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
N-MeFOSAA (NMeFOSAA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluorotetradecanoic acid (PFTA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluorotridecanoic acid (PFTrDA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluorodecanesulfonic acid (PFDS)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluorooctanesulfonamide (FOSA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluorononanesulfonic acid (PFNS)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluoro-1-butanesulfonamide (FBSA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluorohexanesulfonic acid (PFHxS)	130	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluoropetanesulfonic acid (PFPeS)	14	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluoroheptanoic acid (PFHpA)	5.7	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluorooctanoic acid (PFOA)	16	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW
Perfluorooctanesulfonic acid (PFOS)	110	18	ng/L	10	PF-19	SOP-454 PFAS	4/27/23	5/9/23 5:29	QNW
Perfluorononanoic acid (PFNA)	ND	1.8	ng/L	1		SOP-454 PFAS	4/27/23	5/2/23 4:17	QNW

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Sample Extraction Data

Prep Method: SOP 454-PFAAS **Analytical Method: SOP-454 PFAS**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23D2042-05RE1 [MW-10D]	B338975	47.0	1.00	05/03/23

Prep Method: SOP 454-PFAAS **Analytical Method: SOP-454 PFAS**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23D2042-01 [MW-102]	B339718	278	1.00	04/27/23
23D2042-01RE1 [MW-102]	B339718	278	1.00	04/27/23
23D2042-02 [MW-101]	B339718	271	1.00	04/27/23
23D2042-03 [MW-6]	B339718	261	1.00	04/27/23
23D2042-04 [MW-10A]	B339718	278	1.00	04/27/23
23D2042-06 [MW-7DR]	B339718	48.8	1.00	04/27/23
23D2042-07 [MW-14]	B339718	284	1.00	04/27/23
23D2042-07RE1 [MW-14]	B339718	284	1.00	04/27/23

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B338975 - SOP 454-PFAAS										
Blank (B338975-BLK1)				Prepared: 05/02/23 Analyzed: 05/09/23						
Perfluorobutanoic acid (PFBA)	ND	1.9	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	1.9	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	1.9	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	1.9	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	1.9	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	ng/L							
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	ng/L							
Perfluorodecanoic acid (PFDA)	ND	1.9	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	1.9	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	ng/L							
N-EtFOSAA (NEtFOSAA)	ND	1.9	ng/L							
N-MeFOSAA (NMeFOSAA)	ND	1.9	ng/L							
Perfluorotetradecanoic acid (PFTA)	ND	1.9	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	1.9	ng/L							
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	ng/L							
Perfluorodecanesulfonic acid (PFDS)	ND	1.9	ng/L							
Perfluorooctanesulfonamide (FOSA)	ND	1.9	ng/L							
Perfluorononanesulfonic acid (PFNS)	ND	1.9	ng/L							
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	1.9	ng/L							
Perfluoro-1-butanesulfonamide (FBSA)	ND	1.9	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	ng/L							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	ng/L							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	ng/L							
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	ng/L							
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.9	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.9	ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.9	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	ng/L							
Perfluorononanoic acid (PFNA)	ND	1.9	ng/L							
LCS (B338975-BS1)				Prepared: 05/02/23 Analyzed: 05/09/23						
Perfluorobutanoic acid (PFBA)	8.12	1.8	ng/L	8.95		90.7	73-129			
Perfluorobutanesulfonic acid (PFBS)	7.00	1.8	ng/L	7.92		88.4	72-130			
Perfluoropentanoic acid (PFPeA)	7.81	1.8	ng/L	8.95		87.3	72-129			
Perfluorohexanoic acid (PFHxA)	7.64	1.8	ng/L	8.95		85.4	72-129			
11Cl-PF3OUdS (F53B Major)	5.67	1.8	ng/L	8.43		67.2	55.1-141			
9Cl-PF3ONS (F53B Minor)	6.44	1.8	ng/L	8.34		77.2	59.6-146			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	6.78	1.8	ng/L	8.43		80.4	60.3-131			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	10.3	1.8	ng/L	8.95		115	37.6-167			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	8.68	1.8	ng/L	8.59		101	67-138			
Perfluorodecanoic acid (PFDA)	8.35	1.8	ng/L	8.95		93.3	71-129			
Perfluorododecanoic acid (PFDoA)	8.61	1.8	ng/L	8.95		96.2	72-134			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.67	1.8	ng/L	7.97		83.7	49.4-154			

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B338975 - SOP 454-PFAAS										
LCS (B338975-BS1)				Prepared: 05/02/23 Analyzed: 05/09/23						
Perfluoroheptanesulfonic acid (PFHpS)	7.82	1.8	ng/L	8.55		91.5	69-134			
N-EtFOSAA (NEtFOSAA)	8.67	1.8	ng/L	8.95		96.9	61-135			
N-MeFOSAA (NMeFOSAA)	9.13	1.8	ng/L	8.95		102	65-136			
Perfluorotetradecanoic acid (PFTA)	8.25	1.8	ng/L	8.95		92.2	71-132			
Perfluorotridecanoic acid (PFTrDA)	7.45	1.8	ng/L	8.95		83.2	65-144			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	7.28	1.8	ng/L	8.37		87.0	63-143			
Perfluorodecanesulfonic acid (PFDS)	6.29	1.8	ng/L	8.64		72.8	53-142			
Perfluorooctanesulfonamide (FOSA)	8.66	1.8	ng/L	8.95		96.7	67-137			
Perfluorononanesulfonic acid (PFNS)	6.26	1.8	ng/L	8.59		72.8	69-127			
Perfluoro-1-hexanesulfonamide (FHxSA)	7.00	1.8	ng/L	8.95		78.2	61.7-156			
Perfluoro-1-butanesulfonamide (FBSA)	6.93	1.8	ng/L	8.95		77.4	61.3-145			
Perfluorohexanesulfonic acid (PFHxS)	6.52	1.8	ng/L	8.19		79.6	68-131			
Perfluoro-4-oxapentanoic acid (PFMPA)	6.93	1.8	ng/L	8.95		77.5	59.8-147			
Perfluoro-5-oxahexanoic acid (PFMBA)	7.07	1.8	ng/L	8.95		79.0	59.5-146			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	6.51	1.8	ng/L	8.50		76.5	64-140			
Perfluoropetanesulfonic acid (PFPeS)	6.48	1.8	ng/L	8.41		77.0	71-127			
Perfluoroundecanoic acid (PFUnA)	8.16	1.8	ng/L	8.95		91.2	69-133			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	6.68	1.8	ng/L	8.95		74.6	58.5-143			
Perfluoroheptanoic acid (PFHpA)	7.87	1.8	ng/L	8.95		87.9	72-130			
Perfluorooctanoic acid (PFOA)	7.89	1.8	ng/L	8.95		88.2	71-133			
Perfluorooctanesulfonic acid (PFOS)	6.74	1.8	ng/L	8.28		81.4	65-140			
Perfluorononanoic acid (PFNA)	6.39	1.8	ng/L	8.95		71.4	69-130			
LCS Dup (B338975-BSD1)				Prepared: 05/03/23 Analyzed: 05/09/23						
Perfluorobutanoic acid (PFBA)	8.55	1.9	ng/L	9.33		91.6	73-129	5.25	30	
Perfluorobutanesulfonic acid (PFBS)	7.34	1.9	ng/L	8.26		88.8	72-130	4.70	30	
Perfluoropentanoic acid (PFPeA)	8.54	1.9	ng/L	9.33		91.5	72-129	8.92	30	
Perfluorohexanoic acid (PFHxA)	8.69	1.9	ng/L	9.33		93.1	72-129	12.8	30	
11Cl-PF3OUdS (F53B Major)	7.11	1.9	ng/L	8.79		80.9	55.1-141	22.6	30	
9Cl-PF3ONS (F53B Minor)	7.54	1.9	ng/L	8.70		86.6	59.6-146	15.7	30	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.86	1.9	ng/L	8.79		89.4	60.3-131	14.8	30	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	10.9	1.9	ng/L	9.33		116	37.6-167	5.07	30	
8:2 Fluorotelomersulfonic acid (8:2FTS A)	10.7	1.9	ng/L	8.96		120	67-138	21.2	30	
Perfluorodecanoic acid (PFDA)	8.90	1.9	ng/L	9.33		95.4	71-129	6.39	30	
Perfluorododecanoic acid (PFDoA)	9.37	1.9	ng/L	9.33		100	72-134	8.50	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.25	1.9	ng/L	8.31		87.3	49.4-154	8.40	30	
Perfluoroheptanesulfonic acid (PFHpS)	9.48	1.9	ng/L	8.91		106	69-134	19.1	30	
N-EtFOSAA (NEtFOSAA)	9.24	1.9	ng/L	9.33		99.0	61-135	6.32	30	
N-MeFOSAA (NMeFOSAA)	10.8	1.9	ng/L	9.33		116	65-136	16.6	30	
Perfluorotetradecanoic acid (PFTA)	7.66	1.9	ng/L	9.33		82.1	71-132	7.39	30	
Perfluorotridecanoic acid (PFTrDA)	7.58	1.9	ng/L	9.33		81.2	65-144	1.67	30	
4:2 Fluorotelomersulfonic acid (4:2FTS A)	8.48	1.9	ng/L	8.73		97.2	63-143	15.2	30	
Perfluorodecanesulfonic acid (PFDS)	6.74	1.9	ng/L	9.01		74.8	53-142	6.97	30	
Perfluorooctanesulfonamide (FOSA)	9.00	1.9	ng/L	9.33		96.5	67-137	3.95	30	
Perfluorononanesulfonic acid (PFNS)	8.10	1.9	ng/L	8.96		90.4	69-127	25.6	30	
Perfluoro-1-hexanesulfonamide (FHxSA)	6.87	1.9	ng/L	9.33		73.6	61.7-156	1.85	30	
Perfluoro-1-butanesulfonamide (FBSA)	8.41	1.9	ng/L	9.33		90.2	61.3-145	19.3	30	
Perfluorohexanesulfonic acid (PFHxS)	7.26	1.9	ng/L	8.54		85.0	68-131	10.8	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	7.40	1.9	ng/L	9.33		79.3	59.8-147	6.57	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	7.68	1.9	ng/L	9.33		82.2	59.5-146	8.25	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B338975 - SOP 454-PFAAS										
LCS Dup (B338975-BSD1)				Prepared: 05/03/23 Analyzed: 05/09/23						
6:2 Fluorotelomersulfonic acid (6:2FTS A)	7.21	1.9	ng/L	8.87		81.3	64-140	10.2	30	
Perfluoropetanesulfonic acid (PFPeS)	7.78	1.9	ng/L	8.77		88.7	71-127	18.3	30	
Perfluoroundecanoic acid (PFUnA)	9.69	1.9	ng/L	9.33		104	69-133	17.1	30	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	7.48	1.9	ng/L	9.33		80.1	58.5-143	11.3	30	
Perfluoroheptanoic acid (PFHpA)	8.82	1.9	ng/L	9.33		94.5	72-130	11.5	30	
Perfluorooctanoic acid (PFOA)	7.89	1.9	ng/L	9.33		84.5	71-133	0.0673	30	
Perfluorooctanesulfonic acid (PFOS)	8.41	1.9	ng/L	8.63		97.4	65-140	22.0	30	
Perfluorononanoic acid (PFNA)	7.06	1.9	ng/L	9.33		75.6	69-130	9.85	30	
Batch B339718 - SOP 454-PFAAS										
Blank (B339718-BLK1)				Prepared: 04/27/23 Analyzed: 05/02/23						
Perfluorobutanoic acid (PFBA)	ND	1.9	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	1.9	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	1.9	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	1.9	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	1.9	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	ng/L							
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	ng/L							
Perfluorodecanoic acid (PFDA)	ND	1.9	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	1.9	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	ng/L							
N-EtFOSAA (NEtFOSAA)	ND	1.9	ng/L							
N-MeFOSAA (NMeFOSAA)	ND	1.9	ng/L							
Perfluorotetradecanoic acid (PFTA)	ND	1.9	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	1.9	ng/L							
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	ng/L							
Perfluorodecanesulfonic acid (PFDS)	ND	1.9	ng/L							
Perfluorooctanesulfonamide (FOSA)	ND	1.9	ng/L							
Perfluorononanesulfonic acid (PFNS)	ND	1.9	ng/L							
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	1.9	ng/L							
Perfluoro-1-butanesulfonamide (FBSA)	ND	1.9	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	ng/L							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	ng/L							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	ng/L							
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	ng/L							
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.9	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.9	ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.9	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	ng/L							
Perfluorononanoic acid (PFNA)	ND	1.9	ng/L							

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B339718 - SOP 454-PFAAS										
LCS (B339718-BS1)				Prepared: 04/27/23 Analyzed: 05/02/23						
Perfluorobutanoic acid (PFBA)	9.70	1.9	ng/L	9.60		101	73-129			
Perfluorobutanesulfonic acid (PFBS)	8.64	1.9	ng/L	8.50		102	72-130			
Perfluoropentanoic acid (PFPeA)	9.72	1.9	ng/L	9.60		101	72-129			
Perfluorohexanoic acid (PFHxA)	9.78	1.9	ng/L	9.60		102	72-129			
11Cl-PF3OUdS (F53B Major)	7.08	1.9	ng/L	9.04		78.3	55.1-141			
9Cl-PF3ONS (F53B Minor)	9.11	1.9	ng/L	8.95		102	59.6-146			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	8.85	1.9	ng/L	9.04		97.8	60.3-131			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	9.73	1.9	ng/L	9.60		101	37.6-167			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	11.6	1.9	ng/L	9.22		126	67-138			
Perfluorodecanoic acid (PFDA)	9.78	1.9	ng/L	9.60		102	71-129			
Perfluorododecanoic acid (PFDoA)	10.2	1.9	ng/L	9.60		106	72-134			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.38	1.9	ng/L	8.54		98.1	49.4-154			
Perfluoroheptanesulfonic acid (PFHpS)	8.41	1.9	ng/L	9.17		91.7	69-134			
N-EtFOSAA (NEtFOSAA)	9.39	1.9	ng/L	9.60		97.9	61-135			
N-MeFOSAA (NMeFOSAA)	11.2	1.9	ng/L	9.60		117	65-136			
Perfluorotetradecanoic acid (PFTA)	9.54	1.9	ng/L	9.60		99.4	71-132			
Perfluorotridecanoic acid (PFTrDA)	10.2	1.9	ng/L	9.60		106	65-144			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	9.36	1.9	ng/L	8.98		104	63-143			
Perfluorodecanesulfonic acid (PFDS)	7.35	1.9	ng/L	9.26		79.3	53-142			
Perfluorooctanesulfonamide (FOSA)	9.65	1.9	ng/L	9.60		100	67-137			
Perfluorononanesulfonic acid (PFNS)	8.73	1.9	ng/L	9.22		94.7	69-127			
Perfluoro-1-hexanesulfonamide (FHxSA)	8.82	1.9	ng/L	9.60		91.9	61.7-156			
Perfluoro-1-butanesulfonamide (FBSA)	8.83	1.9	ng/L	9.60		91.9	61.3-145			
Perfluorohexanesulfonic acid (PFHxS)	8.28	1.9	ng/L	8.78		94.3	68-131			
Perfluoro-4-oxapentanoic acid (PFMPA)	8.96	1.9	ng/L	9.60		93.3	59.8-147			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.73	1.9	ng/L	9.60		90.9	59.5-146			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	9.64	1.9	ng/L	9.12		106	64-140			
Perfluoropetanesulfonic acid (PFPeS)	8.98	1.9	ng/L	9.02		99.6	71-127			
Perfluoroundecanoic acid (PFUnA)	8.28	1.9	ng/L	9.60		86.3	69-133			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	8.91	1.9	ng/L	9.60		92.8	58.5-143			
Perfluoroheptanoic acid (PFHpA)	9.52	1.9	ng/L	9.60		99.1	72-130			
Perfluorooctanoic acid (PFOA)	8.82	1.9	ng/L	9.60		91.9	71-133			
Perfluorooctanesulfonic acid (PFOS)	7.99	1.9	ng/L	8.88		90.0	65-140			
Perfluorononanoic acid (PFNA)	8.34	1.9	ng/L	9.60		86.8	69-130			

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
D-01	Sample extracted/prepared at a dilution due to sample matrix interference.
PF-17	Extracted Internal Standard recovery is outside of control limits. Data is not significantly affected since associated analyte is not detected and bias is on the high side.
PF-18	Duplicate analysis confirmed Extracted Internal Standard failure due to matrix effects.
PF-19	Sample re-analyzed at a dilution that was re-fortified with internal standard.
PF-20	Quantifying ion signal to noise ratio is <10. Detection is suspect.
PF-23	Qualifier ion ratio <50% of associated calibration. Detection is suspect.
S-29	Extracted Internal Standard is outside of control limits.
V-06	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-102 (23D2042-01)			Lab File ID: 23D2042-01.d			Analyzed: 05/02/23 03:19			
M8FOSA	73989.18	4.052516	162,897.00	4.052516	45	50 - 150	0.0000	+/-0.50	*
M2-4:2FTS	38045.92	2.5543	43,824.00	2.5543	87	50 - 150	0.0000	+/-0.50	
M2PFTA	245566.3	4.32155	493,109.00	4.32155	50	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	94990.8	3.81075	28,407.00	3.818733	334	50 - 150	-0.0080	+/-0.50	*
MPFBA	205603.8	1.100017	315,888.00	1.100017	65	50 - 150	0.0000	+/-0.50	
M3HFPO-DA	61894.92	2.8884	104,779.00	2.8884	59	50 - 150	0.0000	+/-0.50	
M6PFDA	277198.6	3.81925	308,368.00	3.81925	90	50 - 150	0.0000	+/-0.50	
M3PFBS	67775.38	1.95315	91,253.00	1.95315	74	50 - 150	0.0000	+/-0.50	
M7PFUnA	261387	3.954017	321,345.00	3.962017	81	50 - 150	-0.0080	+/-0.50	
M2-6:2FTS	44175.76	3.469383	22,329.00	3.469383	198	50 - 150	0.0000	+/-0.50	*
M5PFPeA	203438.6	1.766017	259,726.00	1.766017	78	50 - 150	0.0000	+/-0.50	
M5PFHxA	317096.9	2.646767	434,376.00	2.646767	73	50 - 150	0.0000	+/-0.50	
M3PFHxS	41612.71	3.250667	61,466.00	3.242583	68	50 - 150	0.0081	+/-0.50	
M4PFHpA	309034.7	3.21145	416,344.00	3.21145	74	50 - 150	0.0000	+/-0.50	
M8PFOA	283358.3	3.485883	408,392.00	3.4779	69	50 - 150	0.0080	+/-0.50	
M8PFOS	45738.64	3.668117	60,383.00	3.668117	76	50 - 150	0.0000	+/-0.50	
M9PFNA	210598.5	3.66915	295,747.00	3.66915	71	50 - 150	0.0000	+/-0.50	
MPFDoA	221885.2	4.088634	315,152.00	4.088634	70	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	53981.48	3.961483	86,485.00	3.961483	62	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	58297.01	3.889733	86,352.00	3.889733	68	50 - 150	0.0000	+/-0.50	
MW-102 (23D2042-01RE1)			Lab File ID: 23D2042-01RE1.d			Analyzed: 05/09/23 05:22			
M3PFHxS	64483.75	3.193817	84,712.00	3.193817	76	50 - 150	0.0000	+/-0.50	
M8PFOS	67056.7	3.620217	77,533.00	3.612233	86	50 - 150	0.0080	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-101 (23D2042-02)			Lab File ID: 23D2042-02.d			Analyzed: 05/02/23 03:41			
M8FOSA	116112.7	4.044517	162,897.00	4.052516	71	50 - 150	-0.0080	+/-0.50	
M2-4:2FTS	68710.95	2.5543	43,824.00	2.5543	157	50 - 150	0.0000	+/-0.50	*
M2PFTA	393873.8	4.32155	493,109.00	4.32155	80	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	104632.4	3.81075	28,407.00	3.818733	368	50 - 150	-0.0080	+/-0.50	*
MPFBA	275266.9	1.100017	315,888.00	1.100017	87	50 - 150	0.0000	+/-0.50	
M3HFPO-DA	102888.5	2.8884	104,779.00	2.8884	98	50 - 150	0.0000	+/-0.50	
M6PFDA	425226.2	3.811283	308,368.00	3.81925	138	50 - 150	-0.0080	+/-0.50	
M3PFBS	103782.9	1.944683	91,253.00	1.95315	114	50 - 150	-0.0085	+/-0.50	
M7PFUnA	406034.6	3.954017	321,345.00	3.954017	126	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	68797.45	3.469383	22,329.00	3.469383	308	50 - 150	0.0000	+/-0.50	*
M5PFPeA	300278.6	1.766017	259,726.00	1.766017	116	50 - 150	0.0000	+/-0.50	
M5PFHxA	503849.9	2.638533	434,376.00	2.646767	116	50 - 150	-0.0082	+/-0.50	
M3PFHxS	79080.77	3.242583	61,466.00	3.250667	129	50 - 150	-0.0081	+/-0.50	
M4PFHpA	532307.4	3.21145	416,344.00	3.21145	128	50 - 150	0.0000	+/-0.50	
M8PFOA	528091.6	3.4779	408,392.00	3.4779	129	50 - 150	0.0000	+/-0.50	
M8PFOS	72309.68	3.668117	60,383.00	3.668117	120	50 - 150	0.0000	+/-0.50	
M9PFNA	412225.4	3.66915	295,747.00	3.66915	139	50 - 150	0.0000	+/-0.50	
MPFDoA	304628.5	4.088634	315,152.00	4.088634	97	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	89745.14	3.961483	86,485.00	3.961483	104	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	92917.3	3.889733	86,352.00	3.889733	108	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-6 (23D2042-03)			Lab File ID: 23D2042-03.d			Analyzed: 05/02/23 03:48			
M8FOSA	37328.38	4.052516	162,897.00	4.052516	23	50 - 150	0.0000	+/-0.50	*
M2-4:2FTS	99560.13	2.537883	43,824.00	2.5543	227	50 - 150	-0.0164	+/-0.50	*
M2PFTA	177901.9	4.32155	493,109.00	4.32155	36	50 - 150	0.0000	+/-0.50	*
M2-8:2FTS	115255.4	3.810767	28,407.00	3.818733	406	50 - 150	-0.0080	+/-0.50	*
MPFBA	150648.4	1.0917	315,888.00	1.100017	48	50 - 150	-0.0083	+/-0.50	*
M3HFPO-DA	61671.81	2.872033	104,779.00	2.8884	59	50 - 150	-0.0164	+/-0.50	
M6PFDA	325649.7	3.811283	308,368.00	3.81925	106	50 - 150	-0.0080	+/-0.50	
M3PFBS	76962.91	1.9364	91,253.00	1.95315	84	50 - 150	-0.0168	+/-0.50	
M7PFUnA	336159.1	3.954017	321,345.00	3.954017	105	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	91955.67	3.469383	22,329.00	3.469383	412	50 - 150	0.0000	+/-0.50	*
M5PFPeA	225981.8	1.749417	259,726.00	1.766017	87	50 - 150	-0.0166	+/-0.50	
M5PFHxA	410068.8	2.629833	434,376.00	2.646767	94	50 - 150	-0.0169	+/-0.50	
M3PFHxS	65092.7	3.242583	61,466.00	3.250667	106	50 - 150	-0.0081	+/-0.50	
M4PFHpA	408385.3	3.21145	416,344.00	3.21145	98	50 - 150	0.0000	+/-0.50	
M8PFOA	403688.4	3.4779	408,392.00	3.4779	99	50 - 150	0.0000	+/-0.50	
M8PFOS	59487.73	3.668117	60,383.00	3.668117	99	50 - 150	0.0000	+/-0.50	
M9PFNA	350010.7	3.661167	295,747.00	3.66915	118	50 - 150	-0.0080	+/-0.50	
MPFDoA	298201.7	4.08865	315,152.00	4.088634	95	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	83569.94	3.9615	86,485.00	3.961483	97	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	92208.12	3.889733	86,352.00	3.889733	107	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-10A (23D2042-04)			Lab File ID: 23D2042-04.d			Analyzed: 05/02/23 03:56			
M8FOSA	35919.45	4.044517	162,897.00	4.052516	22	50 - 150	-0.0080	+/-0.50	*
M2-4:2FTS	77101.12	2.5461	43,824.00	2.5543	176	50 - 150	-0.0082	+/-0.50	*
M2PFTA	56904.39	4.32155	493,109.00	4.32155	12	50 - 150	0.0000	+/-0.50	*
M2-8:2FTS	88623.64	3.810767	28,407.00	3.818733	312	50 - 150	-0.0080	+/-0.50	*
MPFBA	204105.3	1.100017	315,888.00	1.100017	65	50 - 150	0.0000	+/-0.50	
M3HFPO-DA	86683.71	2.880217	104,779.00	2.8884	83	50 - 150	-0.0082	+/-0.50	
M6PFDA	319399.3	3.811283	308,368.00	3.81925	104	50 - 150	-0.0080	+/-0.50	
M3PFBS	86452.23	1.944683	91,253.00	1.95315	95	50 - 150	-0.0085	+/-0.50	
M7PFUnA	302857.8	3.954017	321,345.00	3.954017	94	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	69289.55	3.469383	22,329.00	3.469383	310	50 - 150	0.0000	+/-0.50	*
M5PFPeA	248070.8	1.757717	259,726.00	1.766017	96	50 - 150	-0.0083	+/-0.50	
M5PFHxA	415606.3	2.638533	434,376.00	2.646767	96	50 - 150	-0.0082	+/-0.50	
M3PFHxS	64977.46	3.242583	61,466.00	3.250667	106	50 - 150	-0.0081	+/-0.50	
M4PFHpA	426580.6	3.21145	416,344.00	3.21145	102	50 - 150	0.0000	+/-0.50	
M8PFOA	414066.6	3.4779	408,392.00	3.4779	101	50 - 150	0.0000	+/-0.50	
M8PFOS	55501.32	3.660133	60,383.00	3.668117	92	50 - 150	-0.0080	+/-0.50	
M9PFNA	338612.8	3.661167	295,747.00	3.66915	114	50 - 150	-0.0080	+/-0.50	
MPFDoA	180104.9	4.088634	315,152.00	4.088634	57	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	67906.56	3.961483	86,485.00	3.961483	79	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	76830.53	3.889733	86,352.00	3.889733	89	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-10D (23D2042-05RE1)			Lab File ID: 23D2042-05RE1.d			Analyzed: 05/09/23 20:44			
M8FOSA	165304.8	4.044533	238,694.00	4.044533	69	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	89104.13	2.562517	61,329.00	2.562517	145	50 - 150	0.0000	+/-0.50	
M2PFTA	472134.6	4.3297	471,133.00	4.3297	100	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	107039.2	3.818733	40,150.00	3.81875	267	50 - 150	0.0000	+/-0.50	*
MPFBA	365857.7	1.108317	442,652.00	1.108317	83	50 - 150	0.0000	+/-0.50	
M3HFPO-DA	59675.52	2.8884	119,328.00	2.896583	50	50 - 150	-0.0082	+/-0.50	
M6PFDA	370200.7	3.81925	393,323.00	3.819267	94	50 - 150	0.0000	+/-0.50	
M3PFBS	120011.4	1.95315	127,633.00	1.96145	94	50 - 150	-0.0083	+/-0.50	
M7PFUnA	383820.3	3.962033	368,504.00	3.962033	104	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	79312.84	3.4694	32,535.00	3.477367	244	50 - 150	-0.0080	+/-0.50	*
M5PFPeA	321158.4	1.7743	345,458.00	1.7743	93	50 - 150	0.0000	+/-0.50	
M5PFHxA	550490.1	2.646767	570,567.00	2.655	96	50 - 150	-0.0082	+/-0.50	
M3PFHxS	83105.94	3.250667	89,083.00	3.250667	93	50 - 150	0.0000	+/-0.50	
M4PFHpA	543689.1	3.219533	587,200.00	3.219533	93	50 - 150	0.0000	+/-0.50	
M8PFOA	507769	3.485883	536,603.00	3.485883	95	50 - 150	0.0000	+/-0.50	
M8PFOS	65403.71	3.668133	67,719.00	3.668133	97	50 - 150	0.0000	+/-0.50	
M9PFNA	372937	3.669167	375,001.00	3.669167	99	50 - 150	0.0000	+/-0.50	
MPFDoA	336366	4.09665	347,389.00	4.09665	97	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	95141.53	3.9695	86,761.00	3.9695	110	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	97619.38	3.889733	94,164.00	3.897733	104	50 - 150	-0.0080	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-7DR (23D2042-06)			Lab File ID: 23D2042-06.d			Analyzed: 05/02/23 04:10			
M8FOSA	31900.79	4.052516	162,897.00	4.052516	20	50 - 150	0.0000	+/-0.50	*
M2-4:2FTS	31729.46	2.562517	43,824.00	2.5543	72	50 - 150	0.0082	+/-0.50	
M2PFTA			493,109.00	4.32155		50 - 150	-4.3216	+/-0.50	*
M2-8:2FTS	57421.28	3.818733	28,407.00	3.818733	202	50 - 150	0.0000	+/-0.50	*
MPFBA	269606.4	1.108317	315,888.00	1.100017	85	50 - 150	0.0083	+/-0.50	
M3HFPO-DA	106372.7	2.8884	104,779.00	2.8884	102	50 - 150	0.0000	+/-0.50	
M6PFDA	216895.5	3.81925	308,368.00	3.81925	70	50 - 150	0.0000	+/-0.50	
M3PFBS	81601.89	1.95315	91,253.00	1.95315	89	50 - 150	0.0000	+/-0.50	
M7PFUnA	93231.01	3.954017	321,345.00	3.954017	29	50 - 150	0.0000	+/-0.50	*
M2-6:2FTS	27659.54	3.469383	22,329.00	3.469383	124	50 - 150	0.0000	+/-0.50	
M5PFPeA	237400.6	1.7743	259,726.00	1.766017	91	50 - 150	0.0083	+/-0.50	
M5PFHxA	380664.7	2.646767	434,376.00	2.646767	88	50 - 150	0.0000	+/-0.50	
M3PFHxS	55544.28	3.250667	61,466.00	3.250667	90	50 - 150	0.0000	+/-0.50	
M4PFHpA	379202.6	3.21145	416,344.00	3.21145	91	50 - 150	0.0000	+/-0.50	
M8PFOA	334959.2	3.485883	408,392.00	3.4779	82	50 - 150	0.0080	+/-0.50	
M8PFOS	42915.02	3.668117	60,383.00	3.668117	71	50 - 150	0.0000	+/-0.50	
M9PFNA	244597.7	3.66915	295,747.00	3.66915	83	50 - 150	0.0000	+/-0.50	
MPFDoA	24353.83	4.088634	315,152.00	4.088634	08	50 - 150	0.0000	+/-0.50	*
D5-NEtFOSAA	30697.95	3.961483	86,485.00	3.961483	35	50 - 150	0.0000	+/-0.50	*
D3-NMeFOSAA	41636.37	3.889733	86,352.00	3.889733	48	50 - 150	0.0000	+/-0.50	*

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
MW-14 (23D2042-07)			Lab File ID: 23D2042-07.d			Analyzed: 05/02/23 04:17			
M8FOSA	91059.68	4.052516	162,897.00	4.052516	56	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	38265.41	2.5543	43,824.00	2.5543	87	50 - 150	0.0000	+/-0.50	
M2PFTA	268602.6	4.32155	493,109.00	4.32155	54	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	97821.34	3.81075	28,407.00	3.818733	344	50 - 150	-0.0080	+/-0.50	*
MPFBA	209489	1.100017	315,888.00	1.100017	66	50 - 150	0.0000	+/-0.50	
M3HFPO-DA	73175.88	2.8884	104,779.00	2.8884	70	50 - 150	0.0000	+/-0.50	
M6PFDA	315804.8	3.811283	308,368.00	3.81925	102	50 - 150	-0.0080	+/-0.50	
M3PFBS	68690.75	1.95315	91,253.00	1.95315	75	50 - 150	0.0000	+/-0.50	
M7PFUnA	252629.4	3.954017	321,345.00	3.954017	79	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	29293.58	3.469383	22,329.00	3.469383	131	50 - 150	0.0000	+/-0.50	
M5PFPeA	210338.6	1.766017	259,726.00	1.766017	81	50 - 150	0.0000	+/-0.50	
M5PFHxA	344653.5	2.638533	434,376.00	2.646767	79	50 - 150	-0.0082	+/-0.50	
M3PFHxS	48520.05	3.242583	61,466.00	3.250667	79	50 - 150	-0.0081	+/-0.50	
M4PFHpA	335617.4	3.21145	416,344.00	3.21145	81	50 - 150	0.0000	+/-0.50	
M8PFOA	306882.7	3.4779	408,392.00	3.4779	75	50 - 150	0.0000	+/-0.50	
M8PFOS	44644.38	3.668117	60,383.00	3.668117	74	50 - 150	0.0000	+/-0.50	
M9PFNA	256058.9	3.66915	295,747.00	3.66915	87	50 - 150	0.0000	+/-0.50	
MPFDoA	208893.2	4.088634	315,152.00	4.088634	66	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	56452.02	3.961483	86,485.00	3.961483	65	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	62890.16	3.889733	86,352.00	3.889733	73	50 - 150	0.0000	+/-0.50	
MW-14 (23D2042-07RE1)			Lab File ID: 23D2042-07RE1.d			Analyzed: 05/09/23 05:29			
M8PFOS	63469.98	3.612233	77,533.00	3.612233	82	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (B338975-BLK1)			Lab File ID: B338975-BLK1.d			Analyzed: 05/09/23 20:15			
M8FOSA	163178.5	4.044533	238,694.00	4.044533	68	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	64984.04	2.562517	61,329.00	2.562517	106	50 - 150	0.0000	+/-0.50	
M2PFTA	495132	4.329683	471,133.00	4.3297	105	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	133193.7	3.818733	40,150.00	3.81875	332	50 - 150	0.0000	+/-0.50	*
MPFBA	429875.8	1.108317	442,652.00	1.108317	97	50 - 150	0.0000	+/-0.50	
M3HFPO-DA	86478.03	2.896583	119,328.00	2.896583	72	50 - 150	0.0000	+/-0.50	
M6PFDA	399835.8	3.81925	393,323.00	3.819267	102	50 - 150	0.0000	+/-0.50	
M3PFBS	126650.5	1.95315	127,633.00	1.96145	99	50 - 150	-0.0083	+/-0.50	
M7PFUnA	343257.1	3.962033	368,504.00	3.962033	93	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	34007.63	3.477383	32,535.00	3.477367	105	50 - 150	0.0000	+/-0.50	
M5PFPeA	346420.9	1.7743	345,458.00	1.7743	100	50 - 150	0.0000	+/-0.50	
M5PFHxA	606445.9	2.655	570,567.00	2.655	106	50 - 150	0.0000	+/-0.50	
M3PFHxS	95469.42	3.250667	89,083.00	3.250667	107	50 - 150	0.0000	+/-0.50	
M4PFHpA	635651.6	3.219533	587,200.00	3.219533	108	50 - 150	0.0000	+/-0.50	
M8PFOA	568095.3	3.4859	536,603.00	3.485883	106	50 - 150	0.0000	+/-0.50	
M8PFOS	65668.96	3.668133	67,719.00	3.668133	97	50 - 150	0.0000	+/-0.50	
M9PFNA	435938.4	3.669167	375,001.00	3.669167	116	50 - 150	0.0000	+/-0.50	
MPFDoA	321349.4	4.09665	347,389.00	4.09665	93	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	88584.24	3.9695	86,761.00	3.9695	102	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	92647.07	3.897717	94,164.00	3.897733	98	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B338975-BS1)			Lab File ID: B338975-BS1.d			Analyzed: 05/09/23 20:01			
M8FOSA	194237.6	4.044533	238,694.00	4.044533	81	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	72674.71	2.570733	61,329.00	2.562517	118	50 - 150	0.0082	+/-0.50	
M2PFTA	495765.1	4.3297	471,133.00	4.3297	105	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	123102.8	3.81875	40,150.00	3.81875	307	50 - 150	0.0000	+/-0.50	*
MPFBA	472660.5	1.108317	442,652.00	1.108317	107	50 - 150	0.0000	+/-0.50	
M3HFPO-DA	90306.93	2.896583	119,328.00	2.896583	76	50 - 150	0.0000	+/-0.50	
M6PFDA	412427.5	3.819267	393,323.00	3.819267	105	50 - 150	0.0000	+/-0.50	
M3PFBS	137862.6	1.96145	127,633.00	1.96145	108	50 - 150	0.0000	+/-0.50	
M7PFUnA	354238.5	3.962033	368,504.00	3.962033	96	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	38379.24	3.477383	32,535.00	3.477367	118	50 - 150	0.0000	+/-0.50	
M5PFPeA	376870	1.7743	345,458.00	1.7743	109	50 - 150	0.0000	+/-0.50	
M5PFHxA	660897.2	2.655	570,567.00	2.655	116	50 - 150	0.0000	+/-0.50	
M3PFHxS	107761.6	3.250667	89,083.00	3.250667	121	50 - 150	0.0000	+/-0.50	
M4PFHpA	700948.1	3.219533	587,200.00	3.219533	119	50 - 150	0.0000	+/-0.50	
M8PFOA	631986.1	3.4859	536,603.00	3.485883	118	50 - 150	0.0000	+/-0.50	
M8PFOS	74600.96	3.668133	67,719.00	3.668133	110	50 - 150	0.0000	+/-0.50	
M9PFNA	529742.3	3.669183	375,001.00	3.669167	141	50 - 150	0.0000	+/-0.50	
MPFDoA	316700.4	4.09665	347,389.00	4.09665	91	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	81614.27	3.9695	86,761.00	3.9695	94	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	91239.22	3.897733	94,164.00	3.897733	97	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS Dup (B338975-BSD1)			Lab File ID: B338975-BSD1.d			Analyzed: 05/09/23 20:08			
M8FOSA	137077.8	4.044533	238,694.00	4.044533	57	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	46197.77	2.570733	61,329.00	2.562517	75	50 - 150	0.0082	+/-0.50	
M2PFTA	374766.8	4.3297	471,133.00	4.3297	80	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	47003.38	3.818733	40,150.00	3.81875	117	50 - 150	0.0000	+/-0.50	
MPFBA	332011.3	1.108317	442,652.00	1.108317	75	50 - 150	0.0000	+/-0.50	
M3HFPO-DA	70102.48	2.896583	119,328.00	2.896583	59	50 - 150	0.0000	+/-0.50	
M6PFDA	284164.1	3.819267	393,323.00	3.819267	72	50 - 150	0.0000	+/-0.50	
M3PFBS	97235.18	1.96145	127,633.00	1.96145	76	50 - 150	0.0000	+/-0.50	
M7PFUnA	260878.9	3.962033	368,504.00	3.962033	71	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	25674.61	3.477383	32,535.00	3.477367	79	50 - 150	0.0000	+/-0.50	
M5PFPeA	262874	1.7743	345,458.00	1.7743	76	50 - 150	0.0000	+/-0.50	
M5PFHxA	452085.8	2.655	570,567.00	2.655	79	50 - 150	0.0000	+/-0.50	
M3PFHxS	69133.95	3.250667	89,083.00	3.250667	78	50 - 150	0.0000	+/-0.50	
M4PFHpA	476040.4	3.219533	587,200.00	3.219533	81	50 - 150	0.0000	+/-0.50	
M8PFOA	456502.7	3.485883	536,603.00	3.485883	85	50 - 150	0.0000	+/-0.50	
M8PFOS	50341.38	3.668133	67,719.00	3.668133	74	50 - 150	0.0000	+/-0.50	
M9PFNA	343865.3	3.669167	375,001.00	3.669167	92	50 - 150	0.0000	+/-0.50	
MPFDoA	245567.3	4.09665	347,389.00	4.09665	71	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	63229.66	3.9695	86,761.00	3.9695	73	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	67643.13	3.88975	94,164.00	3.897733	72	50 - 150	-0.0080	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (B339718-BLK1)			Lab File ID: B337538-BLK1.d			Analyzed: 05/02/23 01:52			
M8FOSA	154496.9	4.052516	162,897.00	4.052516	95	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	49191.66	2.562517	43,824.00	2.5543	112	50 - 150	0.0082	+/-0.50	
M2PFTA	378362.7	4.32155	493,109.00	4.32155	77	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	65196.53	3.818717	28,407.00	3.818733	230	50 - 150	0.0000	+/-0.50	*
MPFBA	330215.9	1.100017	315,888.00	1.100017	105	50 - 150	0.0000	+/-0.50	
M3HFPO-DA	98697.98	2.8884	104,779.00	2.8884	94	50 - 150	0.0000	+/-0.50	
M6PFDA	328742.4	3.81925	308,368.00	3.81925	107	50 - 150	0.0000	+/-0.50	
M3PFBS	81583.93	1.95315	91,253.00	1.95315	89	50 - 150	0.0000	+/-0.50	
M7PFUnA	323411	3.954017	321,345.00	3.962017	101	50 - 150	-0.0080	+/-0.50	
M2-6:2FTS	23182.51	3.469383	22,329.00	3.469383	104	50 - 150	0.0000	+/-0.50	
M5PFPeA	268884.8	1.7743	259,726.00	1.766017	104	50 - 150	0.0083	+/-0.50	
M5PFHxA	452371.5	2.646767	434,376.00	2.646767	104	50 - 150	0.0000	+/-0.50	
M3PFHxS	54538.71	3.250667	61,466.00	3.242583	89	50 - 150	0.0081	+/-0.50	
M4PFHpA	460703	3.219533	416,344.00	3.21145	111	50 - 150	0.0081	+/-0.50	
M8PFOA	435777.8	3.485883	408,392.00	3.4779	107	50 - 150	0.0080	+/-0.50	
M8PFOS	51439.17	3.668117	60,383.00	3.668117	85	50 - 150	0.0000	+/-0.50	
M9PFNA	319385.8	3.66915	295,747.00	3.66915	108	50 - 150	0.0000	+/-0.50	
MPFDoA	277339.1	4.088634	315,152.00	4.088634	88	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	74889.68	3.961483	86,485.00	3.961483	87	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	83709.12	3.889733	86,352.00	3.889733	97	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B339718-BS1)			Lab File ID: B337538-BS1.d			Analyzed: 05/02/23 01:44			
M8FOSA	159187.7	4.052516	162,897.00	4.052516	98	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	50760.18	2.562517	43,824.00	2.5543	116	50 - 150	0.0082	+/-0.50	
M2PFTA	490189.8	4.32155	493,109.00	4.32155	99	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	57381	3.818733	28,407.00	3.818733	202	50 - 150	0.0000	+/-0.50	*
MPFBA	344072.3	1.100017	315,888.00	1.100017	109	50 - 150	0.0000	+/-0.50	
M3HFPO-DA	121031.6	2.8884	104,779.00	2.8884	116	50 - 150	0.0000	+/-0.50	
M6PFDA	356364.6	3.81925	308,368.00	3.81925	116	50 - 150	0.0000	+/-0.50	
M3PFBS	95402.13	1.95315	91,253.00	1.95315	105	50 - 150	0.0000	+/-0.50	
M7PFUnA	360700.6	3.962017	321,345.00	3.962017	112	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	24941.58	3.469383	22,329.00	3.469383	112	50 - 150	0.0000	+/-0.50	
M5PFPeA	284647.3	1.766017	259,726.00	1.766017	110	50 - 150	0.0000	+/-0.50	
M5PFHxA	485967.1	2.646767	434,376.00	2.646767	112	50 - 150	0.0000	+/-0.50	
M3PFHxS	70755.26	3.250667	61,466.00	3.242583	115	50 - 150	0.0081	+/-0.50	
M4PFHpA	483724.8	3.219533	416,344.00	3.21145	116	50 - 150	0.0081	+/-0.50	
M8PFOA	458473.3	3.485883	408,392.00	3.4779	112	50 - 150	0.0080	+/-0.50	
M8PFOS	62302.14	3.668117	60,383.00	3.668117	103	50 - 150	0.0000	+/-0.50	
M9PFNA	354231.9	3.66915	295,747.00	3.66915	120	50 - 150	0.0000	+/-0.50	
MPFDoA	290841.1	4.088634	315,152.00	4.088634	92	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	86076.31	3.961483	86,485.00	3.961483	100	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	90913.91	3.889733	86,352.00	3.889733	105	50 - 150	0.0000	+/-0.50	

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SOP-454 PFAS in Water	
Perfluorobutanoic acid (PFBA)	NH-P
Perfluorobutanesulfonic acid (PFBS)	NH-P
Perfluoropentanoic acid (PFPeA)	NH-P
Perfluorohexanoic acid (PFHxA)	NH-P
11Cl-PF3OUdS (F53B Major)	NH-P
9Cl-PF3ONS (F53B Minor)	NH-P
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NH-P
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NH-P
8:2 Fluorotelomersulfonic acid (8:2FTS A)	NH-P
Perfluorodecanoic acid (PFDA)	NH-P
Perfluorododecanoic acid (PFDoA)	NH-P
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NH-P
Perfluoroheptanesulfonic acid (PFHpS)	NH-P
N-EtFOSAA (NEtFOSAA)	NH-P
N-MeFOSAA (NMeFOSAA)	NH-P
Perfluorotetradecanoic acid (PFTA)	NH-P
Perfluorotridecanoic acid (PFTrDA)	NH-P
4:2 Fluorotelomersulfonic acid (4:2FTS A)	NH-P
Perfluorodecanesulfonic acid (PFDS)	NH-P
Perfluorooctanesulfonamide (FOSA)	NH-P
Perfluorononanesulfonic acid (PFNS)	NH-P
Perfluoro-1-hexanesulfonamide (FHxSA)	NH-P
Perfluoro-1-butanesulfonamide (FBSA)	NH-P
Perfluorohexanesulfonic acid (PFHxS)	NH-P
Perfluoro-4-oxapentanoic acid (PFMPA)	NH-P
Perfluoro-5-oxahexanoic acid (PFMBA)	NH-P
6:2 Fluorotelomersulfonic acid (6:2FTS A)	NH-P
Perfluoropetanesulfonic acid (PFPeS)	NH-P
Perfluoroundecanoic acid (PFUnA)	NH-P
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NH-P
Perfluoroheptanoic acid (PFHpA)	NH-P
Perfluorooctanoic acid (PFOA)	NH-P
Perfluorooctanesulfonic acid (PFOS)	NH-P
Perfluorononanoic acid (PFNA)	NH-P

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2023

23D2012 JLH

Pace Analytical®

Phone: 413-525-2332
Fax: 413-525-6405
Access COC's and Support Requests

http://www.pacelabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 5_07/13/2021

Page _____ of _____

Company Name:	Tighe & Bond, Inc.
Address:	120 Front St, Suite 700
Phone:	508-754-2201
Project Name:	Princeton PFAS
Project Location:	Princeton, MA
Project Number:	P-053420
Project Manager:	M. Sutteer
Pace Quote Name/Number:	
Invoice Recipient:	
Sampled By:	JON O.

Requested Turnaround Time			
7-Day	☐	10-Day	☐
PFAS 10-Day (std)	☒	Due Date:	

Rush Approval Required			
1-Day	☐	3-Day	☐
2-Day	☐	4-Day	☐

Data Delivery			
Format:	PDF ☒	EXCEL ☒	
Other:			
CLP Like Data Pkg Required:	☐		
Email To:	MSutteer@tighebond.com		
Fax To #:			

Dissolved Metals Samples	
○	Field Filtered
○	Lab to Filter

Orthophosphate Samples	
○	Field Filtered
○	Lab to Filter

PCB ONLY

SOXHLET ☐

NON SOXHLET ☐

ANALYSIS REQUESTED

Pace Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1] Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	PFAS by Isotope Dilution
1	MW-102	9:20	10:05	grab	GW				2			✓
2	MW-101	11:05	11:45	grab	GW				2			✓
3	MW-6	11:55	12:30	grab	GW				2			✓
4	MW-10A	12:35	1:05	grab	GW				2			✓
5	MW-10D	1:10	1:50	grab	GW				2			✓
6	MW-70R	10:10	11:00	grab	GW				2			✓
7	MW-14	2:00	2:30	grab	GW				2			✓

[2] Preservation Code

Courier Use Only

Total Number Of:

VIALS_____
GLASS_____
PLASTIC 14
BACTERIA_____
ENCORE_____

Glassware in the fridge? Y / N

Glassware in freezer? Y / N

Prepackaged Cooler? Y / N

*Pace Analytical is not responsible for missing samples from prepacked coolers

	Date/Time:
Relinquished by: (signature)	4/13/23 3pm
Received by: (signature)	4/18/23 1800
Relinquished by: (signature)	4/18/23 1930
Received by: (signature)	4/18/23 1930
Relinquished by: (signature)	
Received by: (signature)	
Relinquished by: (signature)	
Received by: (signature)	

Client Comments:

Detection Limit Requirements	
MA	
CT	
Other:	

Special Requirements	
☐	MA MCP Required
	MCP Certification Form Required
☐	CT RCP Required
	RCP Certification Form Required
☐	MA State DW Required
	PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity

Government	☐	Municipality	☐	MWRA	☐	WRTA	☐
Federal	☐	21 J	☐	School	☐		
City	☐	Brownfield	☐	MBTA	☐		

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Comments:

Disclaimer: Pace Analytical is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Pace Analytical values your partnership on each project and will try to assist with missing information, but will not be held accountable.

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39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F:413-525-6405
www.pacelabs.com

Log In Back-Sheet

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

Pace® PEOPLE ADVANCING SCIENCE

Client T&B

Project Princeton PFAS

MCP/RCP Required No

Deliverable Package Req. No

Location Princeton, MA

PWSID# (When Applicable) No

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐ _____

Received By / Date / Time MEM 4/18/25 1930

Back-Sheet By / Date / Time SK 4/18/23 2008

Temperature Method gun # 5

Temp ☑ < 6° C Actual Temperature 2.0

Rush Samples: Yes / (No) Notify _____

Short Hold: Yes / (No) Notify _____

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☐	☑
Trip Blanks	☐	☑
Lab to Filters	☐	☑
COC Legible	☑	☐

Notes regarding Samples/COC outside of SOP:

* No sample date/times on either COC or sample labels, COC relinquish date used in Ekront

COC Included: (Check all included)

Client ☐ Analysis ☑ Sampler Name ☑

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: N/A ☐ ☐

Container (Circle when applicable)	UnP	HCl	HNO3	H2SO4	NaOH	Trizma	NaS2O3	Other Preservative
1L Amber Plastic								
500 mL Amber Plastic								
250 mL Amber (Plastic)	14							
Other Amber Clear Plastic								
16oz Amber Clear								
8oz Amber Clear								
4oz Amber Clear								
2oz Amber Clear								
Col/Bacteria								
Flashpoint								
Plastic Bag								
SOC Kit								
Perchlorate								
Encore								
Frozen								

	Proper Headspace	UnP	HCl	MeOH	Bisulfate	DI	Thiosulfate	Sulfuric	Other
Vials									

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

May 15, 2023

Michael Scherer
Tighe & Bond, Inc. - Worcester
120 Front St.
Worcester, MA 01608-2303

Project Location: 30 Mountain, Princeton, MA
Client Job Number:
Project Number: P-0534
Laboratory Work Order Number: 23E0236

Enclosed are results of analyses for samples as received by the laboratory on May 2, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager

Table of Contents

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Tighe & Bond, Inc. - Worcester
120 Front St.
Worcester, MA 01608-2303
ATTN: Michael Scherer

REPORT DATE: 5/15/2023

PURCHASE ORDER NUMBER:

PROJECT NUMBER: P-0534

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23E0236

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: 30 Mountain, Princeton, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
30 Mountain Run Off	23E0236-01	Surface Water		SOP-454 PFAS	
30 Mountain Pipe	23E0236-02	Surface Water		SOP-454 PFAS	
Field Blank	23E0236-03	Field Blank		SOP-454 PFAS	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SOP-454 PFAS

Qualifications:

D-01

Sample extracted/prepared at a dilution due to sample matrix interference.

Analyte & Samples(s) Qualified:

23E0236-02[30 Mountain Pipe]

L-01

Laboratory fortified blank/laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

Analyte & Samples(s) Qualified:

N-EtFOSAA (NEtFOSAA)
B339319-BS1, B339319-BSD1

PF-17

Extracted Internal Standard recovery is outside of control limits. Data is not significantly affected since associated analyte is not detected and bias is on the high side.

Analyte & Samples(s) Qualified:

M2-6:2FTS
23E0236-01[30 Mountain Run Off]

M2-8:2FTS
23E0236-01[30 Mountain Run Off], 23E0236-02[30 Mountain Pipe], 23E0236-03[Field Blank], B339319-BLK1

PF-19

Sample re-analyzed at a dilution that was re-fortified with internal standard.

Analyte & Samples(s) Qualified:

Perfluorooctanesulfonic acid (PFOS)
23E0236-01RE1[30 Mountain Run Off], 23E0236-02RE1[30 Mountain Pipe]

S-29

Extracted Internal Standard is outside of control limits.

Analyte & Samples(s) Qualified:

D5-NEtFOSAA
23E0236-03[Field Blank]

M2-8:2FTS
B339319-BS1, B339319-BSD1

M2PFTA
23E0236-01[30 Mountain Run Off]

M8FOSA
23E0236-01[30 Mountain Run Off]

M9PFNA
23E0236-01[30 Mountain Run Off]

V-06

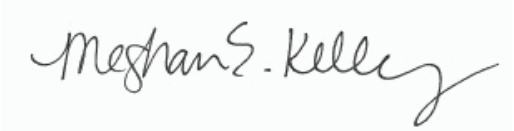
Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

Analyte & Samples(s) Qualified:

N-EtFOSAA (NEtFOSAA)
S087352-CCV3

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley
Reporting Specialist

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 30 Mountain, Princeton, MA | Sample Description: | Work Order: 23E0236

Date Received: 5/2/2023

Field Sample #: 30 Mountain Run Off | Sampled: 4/23/2023 13:30

Sample ID: 23E0236-01

Sample Matrix: Surface Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	9.4	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluorobutanesulfonic acid (PFBS)	7.9	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluoropentanoic acid (PFPeA)	20	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluorohexanoic acid (PFHxA)	24	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
11Cl-PF3OUdS (F53B Major)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
9Cl-PF3ONS (F53B Minor)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluorodecanoic acid (PFDA)	3.5	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluorododecanoic acid (PFDoA)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluoroheptanesulfonic acid (PFHpS)	17	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
N-EtFOSAA (NEtFOSAA)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
N-MeFOSAA (NMeFOSAA)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluorotetradecanoic acid (PFTA)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluorodecanesulfonic acid (PFDS)	2.8	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluorooctanesulfonamide (FOSA)	2.7	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluorononanesulfonic acid (PFNS)	7.5	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluoro-1-hexanesulfonamide (FHxSA)	20	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluoro-1-butanesulfonamide (FBSA)	4.9	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluorohexanesulfonic acid (PFHxS)	140	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluoropetanesulfonic acid (PFPeS)	11	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluoroundecanoic acid (PFUnA)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluoroheptanoic acid (PFHpA)	9.1	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluorooctanoic acid (PFOA)	24	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS
Perfluorooctanesulfonic acid (PFOS)	830	36	ng/L	20	PF-19	SOP-454 PFAS	5/9/23	5/13/23 14:16	RRB
Perfluorononanoic acid (PFNA)	4.9	1.8	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 18:59	AMS

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 30 Mountain, Princeton, MA | Sample Description: | Work Order: 23E0236

Date Received: 5/2/2023

Field Sample #: 30 Mountain Pipe | Sampled: 4/23/2023 13:30

Sample ID: 23E0236-02

Sample Matrix: Surface Water

Sample Flags: D-01

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	12	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluorobutanesulfonic acid (PFBS)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluoropentanoic acid (PFPeA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluorohexanoic acid (PFHxA)	24	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
11Cl-PF3OUdS (F53B Major)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
9Cl-PF3ONS (F53B Minor)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluorodecanoic acid (PFDA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluorododecanoic acid (PFDoA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluoroheptanesulfonic acid (PFHpS)	17	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
N-EtFOSAA (NEtFOSAA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
N-MeFOSAA (NMeFOSAA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluorotetradecanoic acid (PFTA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluorooctanesulfonamide (FOSA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluorononanesulfonic acid (PFNS)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluoro-1-hexanesulfonamide (FHxSA)	38	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluoro-1-butanesulfonamide (FBSA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluorohexanesulfonic acid (PFHxS)	220	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluoropetanesulfonic acid (PFPeS)	12	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluoroundecanoic acid (PFUnA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluoroheptanoic acid (PFHpA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluorooctanoic acid (PFOA)	25	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS
Perfluorooctanesulfonic acid (PFOS)	1200	210	ng/L	20	PF-19	SOP-454 PFAS	5/9/23	5/13/23 14:23	RRB
Perfluorononanoic acid (PFNA)	ND	10	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:06	AMS

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 30 Mountain, Princeton, MA | Sample Description: | Work Order: 23E0236

Date Received: 5/2/2023

Field Sample #: Field Blank | Sampled: 4/23/2023 13:30

Sample ID: 23E0236-03

Sample Matrix: Field Blank

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluoropentanoic acid (PFPeA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluorohexanoic acid (PFHxA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
11Cl-PF3OUdS (F53B Major)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
9Cl-PF3ONS (F53B Minor)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluorodecanoic acid (PFDA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluorododecanoic acid (PFDoA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
N-EtFOSAA (NEtFOSAA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
N-MeFOSAA (NMeFOSAA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluorotetradecanoic acid (PFTA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluorotridecanoic acid (PFTrDA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluorodecanesulfonic acid (PFDS)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluorooctanesulfonamide (FOSA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluorononanesulfonic acid (PFNS)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluoro-1-butanesulfonamide (FBSA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluoropetanesulfonic acid (PFPeS)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluoroundecanoic acid (PFUnA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluoroheptanoic acid (PFHpA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluorooctanoic acid (PFOA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS
Perfluorononanoic acid (PFNA)	ND	1.9	ng/L	1		SOP-454 PFAS	5/9/23	5/11/23 19:14	AMS

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Sample Extraction Data

Prep Method: SOP 454-PFAAS **Analytical Method: SOP-454 PFAS**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23E0236-01 [30 Mountain Run Off]	B339319	281	1.00	05/09/23
23E0236-01RE1 [30 Mountain Run Off]	B339319	281	1.00	05/09/23
23E0236-02 [30 Mountain Pipe]	B339319	48.6	1.00	05/09/23
23E0236-02RE1 [30 Mountain Pipe]	B339319	48.6	1.00	05/09/23
23E0236-03 [Field Blank]	B339319	270	1.00	05/09/23

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B339319 - SOP 454-PFAAS										
Blank (B339319-BLK1)				Prepared: 05/09/23 Analyzed: 05/11/23						
Perfluorobutanoic acid (PFBA)	ND	2.0	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	2.0	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	2.0	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	2.0	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	2.0	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	ng/L							
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	2.0	ng/L							
Perfluorodecanoic acid (PFDA)	ND	2.0	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	2.0	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	ng/L							
N-EtFOSAA (NEtFOSAA)	ND	2.0	ng/L							
N-MeFOSAA (NMeFOSAA)	ND	2.0	ng/L							
Perfluorotetradecanoic acid (PFTA)	ND	2.0	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	2.0	ng/L							
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	2.0	ng/L							
Perfluorodecanesulfonic acid (PFDS)	ND	2.0	ng/L							
Perfluorooctanesulfonamide (FOSA)	ND	2.0	ng/L							
Perfluorononanesulfonic acid (PFNS)	ND	2.0	ng/L							
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	2.0	ng/L							
Perfluoro-1-butanesulfonamide (FBSA)	ND	2.0	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	2.0	ng/L							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	ng/L							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	ng/L							
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	2.0	ng/L							
Perfluoropetanesulfonic acid (PFPeS)	ND	2.0	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	2.0	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	2.0	ng/L							
Perfluorooctanoic acid (PFOA)	ND	2.0	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	2.0	ng/L							
Perfluorononanoic acid (PFNA)	ND	2.0	ng/L							
LCS (B339319-BS1)				Prepared: 05/09/23 Analyzed: 05/11/23						
Perfluorobutanoic acid (PFBA)	9.69	2.0	ng/L	9.87		98.2	73-129			
Perfluorobutanesulfonic acid (PFBS)	8.17	2.0	ng/L	8.73		93.5	72-130			
Perfluoropentanoic acid (PFPeA)	9.72	2.0	ng/L	9.87		98.5	72-129			
Perfluorohexanoic acid (PFHxA)	9.13	2.0	ng/L	9.87		92.6	72-129			
11Cl-PF3OUdS (F53B Major)	7.89	2.0	ng/L	9.30		84.9	55.1-141			
9Cl-PF3ONS (F53B Minor)	8.16	2.0	ng/L	9.20		88.8	59.6-146			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.20	2.0	ng/L	9.30		77.4	60.3-131			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	8.99	2.0	ng/L	9.87		91.1	37.6-167			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	9.72	2.0	ng/L	9.47		103	67-138			
Perfluorodecanoic acid (PFDA)	9.81	2.0	ng/L	9.87		99.5	71-129			
Perfluorododecanoic acid (PFDoA)	11.1	2.0	ng/L	9.87		112	72-134			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.87	2.0	ng/L	8.78		101	49.4-154			

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B339319 - SOP 454-PFAAS											
LCS (B339319-BS1)				Prepared: 05/09/23 Analyzed: 05/11/23							
Perfluoroheptanesulfonic acid (PFHpS)	8.79	2.0	ng/L	9.42		93.2		69-134			
N-EtFOSAA (NEtFOSAA)	15.1	2.0	ng/L	9.87		**153**	*	61-135			L-01
N-MeFOSAA (NMeFOSAA)	10.1	2.0	ng/L	9.87		103		65-136			
Perfluorotetradecanoic acid (PFTA)	10.6	2.0	ng/L	9.87		107		71-132			
Perfluorotridecanoic acid (PFTrDA)	9.57	2.0	ng/L	9.87		96.9		65-144			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	8.71	2.0	ng/L	9.23		94.4		63-143			
Perfluorodecanesulfonic acid (PFDS)	8.18	2.0	ng/L	9.52		85.9		53-142			
Perfluorooctanesulfonamide (FOSA)	9.41	2.0	ng/L	9.87		95.3		67-137			
Perfluorononanesulfonic acid (PFNS)	9.95	2.0	ng/L	9.47		105		69-127			
Perfluoro-1-hexanesulfonamide (FHxSA)	9.99	2.0	ng/L	9.87		101		61.7-156			
Perfluoro-1-butanesulfonamide (FBSA)	9.89	2.0	ng/L	9.87		100		61.3-145			
Perfluorohexanesulfonic acid (PFHxS)	8.65	2.0	ng/L	9.03		95.8		68-131			
Perfluoro-4-oxapentanoic acid (PFMPA)	9.05	2.0	ng/L	9.87		91.7		59.8-147			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.77	2.0	ng/L	9.87		88.9		59.5-146			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	8.63	2.0	ng/L	9.37		92.0		64-140			
Perfluoropetanesulfonic acid (PFPeS)	9.08	2.0	ng/L	9.28		97.9		71-127			
Perfluoroundecanoic acid (PFUnA)	8.89	2.0	ng/L	9.87		90.1		69-133			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	11.3	2.0	ng/L	9.87		115		58.5-143			
Perfluoroheptanoic acid (PFHpA)	9.51	2.0	ng/L	9.87		96.4		72-130			
Perfluorooctanoic acid (PFOA)	10.2	2.0	ng/L	9.87		103		71-133			
Perfluorooctanesulfonic acid (PFOS)	8.69	2.0	ng/L	9.13		95.3		65-140			
Perfluorononanoic acid (PFNA)	10.3	2.0	ng/L	9.87		104		69-130			
LCS Dup (B339319-BSD1)				Prepared: 05/09/23 Analyzed: 05/11/23							
Perfluorobutanoic acid (PFBA)	9.81	2.0	ng/L	9.88		99.3		73-129	1.25	30	
Perfluorobutanesulfonic acid (PFBS)	8.33	2.0	ng/L	8.75		95.2		72-130	1.99	30	
Perfluoropentanoic acid (PFPeA)	9.85	2.0	ng/L	9.88		99.7		72-129	1.32	30	
Perfluorohexanoic acid (PFHxA)	9.69	2.0	ng/L	9.88		98.1		72-129	5.97	30	
11Cl-PF3OUdS (F53B Major)	8.29	2.0	ng/L	9.31		89.0		55.1-141	4.97	30	
9Cl-PF3ONS (F53B Minor)	9.70	2.0	ng/L	9.21		105		59.6-146	17.2	30	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.47	2.0	ng/L	9.31		80.3		60.3-131	3.77	30	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	9.73	2.0	ng/L	9.88		98.4		37.6-167	7.87	30	
8:2 Fluorotelomersulfonic acid (8:2FTS A)	9.49	2.0	ng/L	9.49		100		67-138	2.42	30	
Perfluorodecanoic acid (PFDA)	9.99	2.0	ng/L	9.88		101		71-129	1.74	30	
Perfluorododecanoic acid (PFDoA)	10.8	2.0	ng/L	9.88		110		72-134	2.22	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.28	2.0	ng/L	8.80		106		49.4-154	4.55	30	
Perfluoroheptanesulfonic acid (PFHpS)	9.96	2.0	ng/L	9.44		106		69-134	12.5	30	
N-EtFOSAA (NEtFOSAA)	16.1	2.0	ng/L	9.88		**163**	*	61-135	6.27	30	L-01
N-MeFOSAA (NMeFOSAA)	10.9	2.0	ng/L	9.88		110		65-136	7.18	30	
Perfluorotetradecanoic acid (PFTA)	10.4	2.0	ng/L	9.88		106		71-132	1.10	30	
Perfluorotridecanoic acid (PFTrDA)	10.2	2.0	ng/L	9.88		103		65-144	6.30	30	
4:2 Fluorotelomersulfonic acid (4:2FTS A)	8.69	2.0	ng/L	9.24		94.0		63-143	0.174	30	
Perfluorodecanesulfonic acid (PFDS)	8.61	2.0	ng/L	9.54		90.3		53-142	5.15	30	
Perfluorooctanesulfonamide (FOSA)	9.67	2.0	ng/L	9.88		97.9		67-137	2.80	30	
Perfluorononanesulfonic acid (PFNS)	10.8	2.0	ng/L	9.49		114		69-127	8.47	30	
Perfluoro-1-hexanesulfonamide (FHxSA)	10.3	2.0	ng/L	9.88		104		61.7-156	2.98	30	
Perfluoro-1-butanesulfonamide (FBSA)	10.2	2.0	ng/L	9.88		103		61.3-145	2.82	30	
Perfluorohexanesulfonic acid (PFHxS)	8.98	2.0	ng/L	9.04		99.3		68-131	3.72	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	9.39	2.0	ng/L	9.88		95.0		59.8-147	3.64	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	9.05	2.0	ng/L	9.88		91.5		59.5-146	3.10	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B339319 - SOP 454-PFAAS										
LCS Dup (B339319-BSD1)				Prepared: 05/09/23 Analyzed: 05/11/23						
6:2 Fluorotelomersulfonic acid (6:2FTS A)	9.35	2.0	ng/L	9.39		99.6	64-140	8.06	30	
Perfluoropetanesulfonic acid (PFPeS)	8.90	2.0	ng/L	9.29		95.8	71-127	2.00	30	
Perfluoroundecanoic acid (PFUnA)	8.98	2.0	ng/L	9.88		90.8	69-133	0.993	30	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	11.7	2.0	ng/L	9.88		118	58.5-143	3.30	30	
Perfluoroheptanoic acid (PFHpA)	9.72	2.0	ng/L	9.88		98.4	72-130	2.17	30	
Perfluorooctanoic acid (PFOA)	11.0	2.0	ng/L	9.88		111	71-133	7.16	30	
Perfluorooctanesulfonic acid (PFOS)	10.5	2.0	ng/L	9.14		115	65-140	19.1	30	
Perfluorononanoic acid (PFNA)	11.0	2.0	ng/L	9.88		111	69-130	6.61	30	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
D-01	Sample extracted/prepared at a dilution due to sample matrix interference.
L-01	Laboratory fortified blank/laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
PF-17	Extracted Internal Standard recovery is outside of control limits. Data is not significantly affected since associated analyte is not detected and bias is on the high side.
PF-19	Sample re-analyzed at a dilution that was re-fortified with internal standard.
S-29	Extracted Internal Standard is outside of control limits.
V-06	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
30 Mountain Run Off (23E0236-01)			Lab File ID: 23E0236-01.d			Analyzed: 05/11/23 18:59			
M8FOSA	74169.78	4.05255	232,606.00	4.052533	32	50 - 150	0.0000	+/-0.50	*
M2-4:2FTS	103880.5	2.57075	78,799.00	2.57895	132	50 - 150	-0.0082	+/-0.50	
M2PFTA	84826.54	4.329717	639,112.00	4.3297	13	50 - 150	0.0000	+/-0.50	*
M2-8:2FTS	139820.1	3.818767	65,957.00	3.827067	212	50 - 150	-0.0083	+/-0.50	*
MPFBA	264717.6	1.108317	525,734.00	1.108317	50	50 - 150	0.0000	+/-0.50	
M3HFPO-DA	72758.86	2.904783	135,411.00	2.904767	54	50 - 150	0.0000	+/-0.50	
M6PFDA	332234.5	3.819283	488,184.00	3.82755	68	50 - 150	-0.0083	+/-0.50	
M3PFBS	96034.5	1.96145	144,937.00	1.96975	66	50 - 150	-0.0083	+/-0.50	
M7PFUnA	311409.8	3.96205	445,936.00	3.970017	70	50 - 150	-0.0080	+/-0.50	
M2-6:2FTS	86382.63	3.4774	40,257.00	3.477383	215	50 - 150	0.0000	+/-0.50	*
M5PFPeA	292767.7	1.7826	449,031.00	1.791367	65	50 - 150	-0.0088	+/-0.50	
M5PFHxA	489026.9	2.66325	800,305.00	2.66325	61	50 - 150	0.0000	+/-0.50	
M3PFHxS	61001.63	3.258767	107,652.00	3.25875	57	50 - 150	0.0000	+/-0.50	
M4PFHpA	485323.1	3.227633	856,297.00	3.227617	57	50 - 150	0.0000	+/-0.50	
M8PFOA	453281.5	3.4939	837,098.00	3.493883	54	50 - 150	0.0000	+/-0.50	
M8PFOS	51706.63	3.66815	80,920.00	3.676117	64	50 - 150	-0.0080	+/-0.50	
M9PFNA	257960.8	3.677167	541,836.00	3.67715	48	50 - 150	0.0000	+/-0.50	*
MPFDoA	217944.2	4.096667	405,476.00	4.10465	54	50 - 150	-0.0080	+/-0.50	
D5-NEtFOSAA	73904.02	3.969517	115,737.00	3.9775	64	50 - 150	-0.0080	+/-0.50	
D3-NMeFOSAA	110081.8	3.89775	132,342.00	3.897717	83	50 - 150	0.0000	+/-0.50	
30 Mountain Run Off (23E0236-01RE1)			Lab File ID: 23E0236-01RE1.d			Analyzed: 05/13/23 14:16			
M8PFOS	66335	3.620217	70,875.00	3.620217	94	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
30 Mountain Pipe (23E0236-02)			Lab File ID: 23E0236-02.d			Analyzed: 05/11/23 19:06			
M8FOSA	174499.6	4.052533	232,606.00	4.052533	75	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	45557.39	2.57895	78,799.00	2.57895	58	50 - 150	0.0000	+/-0.50	
M2PFTA	378251.1	4.3297	639,112.00	4.3297	59	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	136038.7	3.81875	65,957.00	3.827067	206	50 - 150	-0.0083	+/-0.50	*
MPFBA	375993.9	1.108317	525,734.00	1.108317	72	50 - 150	0.0000	+/-0.50	
M3HFPO-DA	91321.19	2.904767	135,411.00	2.904767	67	50 - 150	0.0000	+/-0.50	
M6PFDA	359934.6	3.819267	488,184.00	3.82755	74	50 - 150	-0.0083	+/-0.50	
M3PFBS	95500.96	1.969733	144,937.00	1.96975	66	50 - 150	0.0000	+/-0.50	
M7PFUnA	318442.2	3.962033	445,936.00	3.970017	71	50 - 150	-0.0080	+/-0.50	
M2-6:2FTS	35408.12	3.477383	40,257.00	3.477383	88	50 - 150	0.0000	+/-0.50	
M5PFPeA	309993.1	1.7826	449,031.00	1.791367	69	50 - 150	-0.0088	+/-0.50	
M5PFHxA	480314.1	2.663233	800,305.00	2.66325	60	50 - 150	0.0000	+/-0.50	
M3PFHxS	63499.67	3.25875	107,652.00	3.25875	59	50 - 150	0.0000	+/-0.50	
M4PFHpA	493130.3	3.227617	856,297.00	3.227617	58	50 - 150	0.0000	+/-0.50	
M8PFOA	462959	3.493883	837,098.00	3.493883	55	50 - 150	0.0000	+/-0.50	
M8PFOS	54921.56	3.668133	80,920.00	3.676117	68	50 - 150	-0.0080	+/-0.50	
M9PFNA	293501.4	3.677167	541,836.00	3.67715	54	50 - 150	0.0000	+/-0.50	
MPFDoA	282646.4	4.09665	405,476.00	4.10465	70	50 - 150	-0.0080	+/-0.50	
D5-NEtFOSAA	60779.71	3.9695	115,737.00	3.9775	53	50 - 150	-0.0080	+/-0.50	
D3-NMeFOSAA	90368.23	3.897733	132,342.00	3.897717	68	50 - 150	0.0000	+/-0.50	
30 Mountain Pipe (23E0236-02RE1)			Lab File ID: 23E0236-02RE1.d			Analyzed: 05/13/23 14:23			
M8PFOS	62506.52	3.620217	70,875.00	3.620217	88	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Field Blank (23E0236-03)			Lab File ID: 23E0236-03.d			Analyzed: 05/11/23 19:14			
M8FOSA	152968	4.052533	232,606.00	4.052533	66	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	46476.95	2.57895	78,799.00	2.57895	59	50 - 150	0.0000	+/-0.50	
M2PFTA	333628.7	4.329717	639,112.00	4.3297	52	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	161496.1	3.81875	65,957.00	3.827067	245	50 - 150	-0.0083	+/-0.50	*
MPFBA	434980.4	1.108317	525,734.00	1.108317	83	50 - 150	0.0000	+/-0.50	
M3HFPO-DA	92284.78	2.904767	135,411.00	2.904767	68	50 - 150	0.0000	+/-0.50	
M6PFDA	339320.9	3.827567	488,184.00	3.82755	70	50 - 150	0.0000	+/-0.50	
M3PFBS	98695.03	1.96975	144,937.00	1.96975	68	50 - 150	0.0000	+/-0.50	
M7PFUnA	272964.4	3.962033	445,936.00	3.970017	61	50 - 150	-0.0080	+/-0.50	
M2-6:2FTS	21449.38	3.4774	40,257.00	3.477383	53	50 - 150	0.0000	+/-0.50	
M5PFPeA	337452.7	1.7826	449,031.00	1.791367	75	50 - 150	-0.0088	+/-0.50	
M5PFHxA	487921.8	2.66325	800,305.00	2.66325	61	50 - 150	0.0000	+/-0.50	
M3PFHxS	59097.36	3.258767	107,652.00	3.25875	55	50 - 150	0.0000	+/-0.50	
M4PFHpA	492284.8	3.227633	856,297.00	3.227617	57	50 - 150	0.0000	+/-0.50	
M8PFOA	440092.8	3.493883	837,098.00	3.493883	53	50 - 150	0.0000	+/-0.50	
M8PFOS	50021.77	3.676133	80,920.00	3.676117	62	50 - 150	0.0000	+/-0.50	
M9PFNA	288821.5	3.677167	541,836.00	3.67715	53	50 - 150	0.0000	+/-0.50	
MPFDoA	235641.5	4.096667	405,476.00	4.10465	58	50 - 150	-0.0080	+/-0.50	
D5-NEtFOSAA	51980.68	3.969517	115,737.00	3.9775	45	50 - 150	-0.0080	+/-0.50	*
D3-NMeFOSAA	77261.3	3.897733	132,342.00	3.897717	58	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (B339319-BLK1)			Lab File ID: B339319-BLK1.d			Analyzed: 05/11/23 18:30			
M8FOSA	168592.1	4.052533	232,606.00	4.052533	72	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	57420.34	2.587167	78,799.00	2.57895	73	50 - 150	0.0082	+/-0.50	
M2PFTA	447677.7	4.3297	639,112.00	4.3297	70	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	167358.5	3.827067	65,957.00	3.827067	254	50 - 150	0.0000	+/-0.50	*
MPFBA	485721.9	1.116633	525,734.00	1.108317	92	50 - 150	0.0083	+/-0.50	
M3HFPO-DA	116430.5	2.91295	135,411.00	2.904767	86	50 - 150	0.0082	+/-0.50	
M6PFDA	414237.5	3.827567	488,184.00	3.82755	85	50 - 150	0.0000	+/-0.50	
M3PFBS	119366.5	1.969733	144,937.00	1.96975	82	50 - 150	0.0000	+/-0.50	
M7PFUnA	334239	3.970033	445,936.00	3.970017	75	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	32896.34	3.485367	40,257.00	3.477383	82	50 - 150	0.0080	+/-0.50	
M5PFPeA	379923.4	1.791367	449,031.00	1.791367	85	50 - 150	0.0000	+/-0.50	
M5PFHxA	587351.5	2.672333	800,305.00	2.66325	73	50 - 150	0.0091	+/-0.50	
M3PFHxS	75810.82	3.25875	107,652.00	3.25875	70	50 - 150	0.0000	+/-0.50	
M4PFHpA	597211.8	3.227617	856,297.00	3.227617	70	50 - 150	0.0000	+/-0.50	
M8PFOA	531327.4	3.493883	837,098.00	3.493883	63	50 - 150	0.0000	+/-0.50	
M8PFOS	61940.98	3.676117	80,920.00	3.676117	77	50 - 150	0.0000	+/-0.50	
M9PFNA	360118.5	3.67715	541,836.00	3.67715	66	50 - 150	0.0000	+/-0.50	
MPFDoA	296330.7	4.09665	405,476.00	4.10465	73	50 - 150	-0.0080	+/-0.50	
D5-NEtFOSAA	75686.84	3.9775	115,737.00	3.9775	65	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	94737.41	3.897733	132,342.00	3.897717	72	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B339319-BS1)			Lab File ID: B339319-BS1.d			Analyzed: 05/11/23 18:16			
M8FOSA	190186	4.052533	232,606.00	4.052533	82	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	61218.78	2.58715	78,799.00	2.57895	78	50 - 150	0.0082	+/-0.50	
M2PFTA	441624.8	4.3297	639,112.00	4.3297	69	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	157685	3.827067	65,957.00	3.827067	239	50 - 150	0.0000	+/-0.50	*
MPFBA	491610.1	1.116633	525,734.00	1.108317	94	50 - 150	0.0083	+/-0.50	
M3HFPO-DA	110484.6	2.91295	135,411.00	2.904767	82	50 - 150	0.0082	+/-0.50	
M6PFDA	434701.9	3.827567	488,184.00	3.82755	89	50 - 150	0.0000	+/-0.50	
M3PFBS	121423.9	1.969733	144,937.00	1.96975	84	50 - 150	0.0000	+/-0.50	
M7PFUnA	357619.6	3.970033	445,936.00	3.970017	80	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	32684.72	3.485367	40,257.00	3.477383	81	50 - 150	0.0080	+/-0.50	
M5PFPeA	388593	1.791367	449,031.00	1.791367	87	50 - 150	0.0000	+/-0.50	
M5PFHxA	608421.4	2.672333	800,305.00	2.66325	76	50 - 150	0.0091	+/-0.50	
M3PFHxS	79998.21	3.25875	107,652.00	3.25875	74	50 - 150	0.0000	+/-0.50	
M4PFHpA	636525.6	3.227617	856,297.00	3.227617	74	50 - 150	0.0000	+/-0.50	
M8PFOA	547181.5	3.493883	837,098.00	3.493883	65	50 - 150	0.0000	+/-0.50	
M8PFOS	69825.83	3.676117	80,920.00	3.676117	86	50 - 150	0.0000	+/-0.50	
M9PFNA	399533.8	3.67715	541,836.00	3.67715	74	50 - 150	0.0000	+/-0.50	
MPFDoA	302864.6	4.096667	405,476.00	4.10465	75	50 - 150	-0.0080	+/-0.50	
D5-NEtFOSAA	74286.3	3.9775	115,737.00	3.9775	64	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	104668.3	3.897733	132,342.00	3.897717	79	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS Dup (B339319-BSD1)			Lab File ID: B339319-BSD1.d			Analyzed: 05/11/23 18:23			
M8FOSA	157263.2	4.052516	232,606.00	4.052533	68	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	55594.24	2.57895	78,799.00	2.57895	71	50 - 150	0.0000	+/-0.50	
M2PFTA	392003.6	4.329683	639,112.00	4.3297	61	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	182294.9	3.827067	65,957.00	3.827067	276	50 - 150	0.0000	+/-0.50	*
MPFBA	439940.5	1.116633	525,734.00	1.108317	84	50 - 150	0.0083	+/-0.50	
M3HFPO-DA	98053.11	2.91295	135,411.00	2.904767	72	50 - 150	0.0082	+/-0.50	
M6PFDA	398739.7	3.82755	488,184.00	3.82755	82	50 - 150	0.0000	+/-0.50	
M3PFBS	106209.7	1.96975	144,937.00	1.96975	73	50 - 150	0.0000	+/-0.50	
M7PFUnA	323090.6	3.962033	445,936.00	3.970017	72	50 - 150	-0.0080	+/-0.50	
M2-6:2FTS	26237.2	3.477383	40,257.00	3.477383	65	50 - 150	0.0000	+/-0.50	
M5PFPeA	343754.2	1.791383	449,031.00	1.791367	77	50 - 150	0.0000	+/-0.50	
M5PFHxA	531420.1	2.672333	800,305.00	2.66325	66	50 - 150	0.0091	+/-0.50	
M3PFHxS	70155.83	3.25875	107,652.00	3.25875	65	50 - 150	0.0000	+/-0.50	
M4PFHpA	537304	3.227617	856,297.00	3.227617	63	50 - 150	0.0000	+/-0.50	
M8PFOA	457033.3	3.493883	837,098.00	3.493883	55	50 - 150	0.0000	+/-0.50	
M8PFOS	54639.56	3.676117	80,920.00	3.676117	68	50 - 150	0.0000	+/-0.50	
M9PFNA	341429.1	3.67715	541,836.00	3.67715	63	50 - 150	0.0000	+/-0.50	
MPFDoA	273486.8	4.09665	405,476.00	4.10465	67	50 - 150	-0.0080	+/-0.50	
D5-NEtFOSAA	64449.08	3.977483	115,737.00	3.9775	56	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	84966.04	3.897717	132,342.00	3.897717	64	50 - 150	0.0000	+/-0.50	

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SOP-454 PFAS in Water	
Perfluorobutanoic acid (PFBA)	NH-P
Perfluorobutanesulfonic acid (PFBS)	NH-P
Perfluoropentanoic acid (PFPeA)	NH-P
Perfluorohexanoic acid (PFHxA)	NH-P
11Cl-PF3OUdS (F53B Major)	NH-P
9Cl-PF3ONS (F53B Minor)	NH-P
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NH-P
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NH-P
8:2 Fluorotelomersulfonic acid (8:2FTS A)	NH-P
Perfluorodecanoic acid (PFDA)	NH-P
Perfluorododecanoic acid (PFDoA)	NH-P
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NH-P
Perfluoroheptanesulfonic acid (PFHpS)	NH-P
N-EtFOSAA (NEtFOSAA)	NH-P
N-MeFOSAA (NMeFOSAA)	NH-P
Perfluorotetradecanoic acid (PFTA)	NH-P
Perfluorotridecanoic acid (PFTrDA)	NH-P
4:2 Fluorotelomersulfonic acid (4:2FTS A)	NH-P
Perfluorodecanesulfonic acid (PFDS)	NH-P
Perfluorooctanesulfonamide (FOSA)	NH-P
Perfluorononanesulfonic acid (PFNS)	NH-P
Perfluoro-1-hexanesulfonamide (FHxSA)	NH-P
Perfluoro-1-butanesulfonamide (FBSA)	NH-P
Perfluorohexanesulfonic acid (PFHxS)	NH-P
Perfluoro-4-oxapentanoic acid (PFMPA)	NH-P
Perfluoro-5-oxahexanoic acid (PFMBA)	NH-P
6:2 Fluorotelomersulfonic acid (6:2FTS A)	NH-P
Perfluoropetanesulfonic acid (PFPeS)	NH-P
Perfluoroundecanoic acid (PFUnA)	NH-P
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NH-P
Perfluoroheptanoic acid (PFHpA)	NH-P
Perfluorooctanoic acid (PFOA)	NH-P
Perfluorooctanesulfonic acid (PFOS)	NH-P
Perfluorononanoic acid (PFNA)	NH-P

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2023

~~AAM A.E.K. K.J.M~~ 23E0236
~~23E0263~~ AAM R.J.M

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East Longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Doc # 381 Rev 2_06262019

Page 1 of 1

Company Name:	Tighe & Bond
Address:	120 Front Street, Worcester, MA 01608
Phone:	508-754-2201
Project Name:	Princeton ~~[illegible]~~
Project Location:	Princeton, MA
Project Number:	P-0534
Project Manager:	M. Scherer
Con-Test Quote Name/Number:	
Invoice Recipient:	Tighe & Bond
Sampled By:	M. Scherer

Requested Turnaround Time: 7-Day ☐ 10-Day ☐ PFAS 10-Day (std) ☑ Due Date:

Rush-Approval Required: 1-Day ☐ 3-Day ☐ 2-Day ☐ 4-Day ☐

Dissolved Metals Samples: ○ Field Filtered ○ Lab to Filter

Orthophosphate Samples: ○ Field Filtered ○ Lab to Filter

Data Delivery: Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐
Email To:
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	¹Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	PFOS/PFOA ~~[illegible]~~ Isotope Dilution
	30 Mountain Run Off	4/23/23	1330	GRAB	SW ~~DW~~	U			2			X
	30 Mountain Pipe	↓	↓	↓	↓				2			X
	Field Blank	↓	↓	↓	↓				1			X

² Preservation Code

Courier Use Only

Total Number Of:
VIALS ____
GLASS ____
PLASTIC 5
BACTERIA ____
ENCORE ____

Glassware in the fridge? Y / N
Glassware in freezer? Y / N
Prepackaged Cooler? Y / N
*Contest is not responsible for missing samples from prepacked coolers

¹ **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

² **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

	Date/Time:
Relinquished by: (signature) [signature]	4/26/23 1500
Received by: (signature) [signature] 9:53	5-2-2023
Relinquished by: (signature) [signature] 17:00	5-2-2023
Received by: (signature) [signature] 55	5/2/23 1700
Relinquished by: (signature)	
Received by: (signature)	
Relinquished by: (signature)	
Received by: (signature)	

Client Comments: Please run full compound list

Detection Limit Requirements
MA
CT
Other

Special Requirements
☑ MA MCP Required
MCP Certification Form Required
☐ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government ☐ Municipality ☐ MWRA ☐ WRTA ☐
Federal ☐ 21 J ☐ School ☐
City ☐ Brownfield ☐ MBTA ☐

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

Lab Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F:413-525-6405
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Log In Back-Sheet

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

Pace® PEOPLE ADVANCING SCIENCE

Client Tighe & Bond

Project Princeton

MCP/RCP Required MA MCP Required

Deliverable Package Req. N/A

Location Princeton, MA

PWSID# (When Applicable) N/A

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐ _____

Received By / Date / Time MEM | 5-2-23 | 1700

Back-Sheet By / Date / Time AAM | 5-3-23 | 0823

Temperature Method Temp Gun #_____

Temp ☑ < 6° C Actual Temperature 5.5

Rush Samples: Yes / (No) Notify_____

Short Hold: Yes / (No) Notify_____

Notes regarding Samples/COC outside of SOP:

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☐	☑
Trip Blanks	☐	☑
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: (N/A) ☐ ☐

Container (Circle when applicable)	UnP	HCl	HNO3	H2SO4	NaOH	Trizma	NaS2O3	Other Preservative
1L Amber Plastic								
500 mL Amber Plastic								
250 mL Amber (Plastic)	5							
Other Amber Clear Plastic								
16oz Amber Clear								
8oz Amber Clear								
4oz Amber Clear								
2oz Amber Clear								
Col/Bacteria								
Flashpoint								
Plastic Bag								
SOC Klt								
Perchlorate								
Encore								
Frozen								

	Proper Headspace	UnP	HCl	MeOH	Bisulfate	DI	Thiosulfate	Sulfuric	Other
Vials									

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August 11, 2023

Michael Scherer
Tighe & Bond, Inc. - Worcester
120 Front St.
Worcester, MA 01608-2303

Project Location: Surface Water Sampling, Princeton, MA
Client Job Number:
Project Number: P-0534
Laboratory Work Order Number: 23H0691

Enclosed are results of analyses for samples as received by the laboratory on August 3, 2023. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Raymond J. McCarthy
Project Manager

Table of Contents

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Tighe & Bond, Inc. - Worcester
120 Front St.
Worcester, MA 01608-2303
ATTN: Michael Scherer

REPORT DATE: 8/11/2023

PURCHASE ORDER NUMBER:

PROJECT NUMBER: P-0534

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 23H0691

The results of analyses performed on the following samples submitted to CON-TEST, a Pace Analytical Laboratory, are found in this report.

PROJECT LOCATION: Surface Water Sampling, Princeton, MA

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
SW-1	23H0691-01	Surface Water		SOP-454 PFAS	
SW-2	23H0691-02	Surface Water		SOP-454 PFAS	
SW-3	23H0691-03	Surface Water		SOP-454 PFAS	
SW-4	23H0691-04	Surface Water		SOP-454 PFAS	
Field Blank	23H0691-05	Field Blank		SOP-454 PFAS	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SOP-454 PFAS

Qualifications:

L-01

Laboratory fortified blank/laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

Analyte & Samples(s) Qualified:

Perfluorododecanoic acid (PFDoA)
B348690-BS1

Perfluorononanoic acid (PFNA)
B348690-BS1

Perfluoropentanesulfonic acid (PFPeS)
B348690-BS1

Perfluorotetradecanoic acid (PFTA)
B348690-BS1

PF-17

Extracted Internal Standard recovery is outside of control limits. Data is not significantly affected since associated analyte is not detected and bias is on the high side.

Analyte & Samples(s) Qualified:

M2-4:2FTS
23H0691-01[SW-1], 23H0691-02RE1[SW-2], 23H0691-03[SW-3], 23H0691-04[SW-4]

M2-6:2FTS
23H0691-01[SW-1], 23H0691-02RE1[SW-2], 23H0691-03[SW-3], 23H0691-04[SW-4]

PF-18

Duplicate analysis confirmed Extracted Internal Standard failure due to matrix effects.

Analyte & Samples(s) Qualified:

M2PFTA
23H0691-02RE1[SW-2]

MPFBA
23H0691-02RE1[SW-2]

PF-20

Quantifying ion signal to noise ratio is <10. Detection is suspect.

Analyte & Samples(s) Qualified:

Perfluorobutanoic acid (PFBA)
23H0691-02RE1[SW-2]

S-29

Extracted Internal Standard is outside of control limits.

Analyte & Samples(s) Qualified:

M2-8:2FTS
S091862-CCV3

M2PFTA
23H0691-01[SW-1], 23H0691-03[SW-3], 23H0691-04[SW-4]

MPFBA
23H0691-03[SW-3], 23H0691-04[SW-4]

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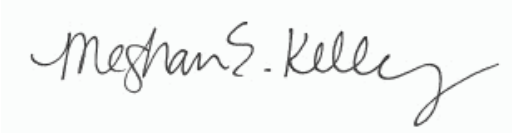
The results of analyses reported only relate to samples submitted to Con-Test, a Pace Analytical Laboratory, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley
Reporting Specialist

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Project Location: Surface Water Sampling, Princeto Sample Description: Work Order: 23H0691

Date Received: 8/3/2023

Field Sample #: SW-1 Sampled: 7/25/2023 00:00

Sample ID: 23H0691-01

Sample Matrix: Surface Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	2.7	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluorobutanesulfonic acid (PFBS)	4.7	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluoropentanoic acid (PFPeA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluorohexanoic acid (PFHxA)	2.8	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
11Cl-PF3OUdS (F53B Major)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
9Cl-PF3ONS (F53B Minor)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluorodecanoic acid (PFDA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluorododecanoic acid (PFDoA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
N-EtFOSAA (NEtFOSAA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
N-MeFOSAA (NMeFOSAA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluorotetradecanoic acid (PFTA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluorotridecanoic acid (PFTrDA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluorodecanesulfonic acid (PFDS)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluorooctanesulfonamide (FOSA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluorononanesulfonic acid (PFNS)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluoro-1-butanesulfonamide (FBSA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluorohexanesulfonic acid (PFHxS)	44	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluoropentanesulfonic acid (PFPeS)	4.0	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluoroundecanoic acid (PFUnA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluoroheptanoic acid (PFHpA)	2.1	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluorooctanoic acid (PFOA)	6.2	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluorooctanesulfonic acid (PFOS)	14	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW
Perfluorononanoic acid (PFNA)	ND	2.0	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:37	QNW

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Project Location: Surface Water Sampling, Princeto Sample Description: Work Order: 23H0691

Date Received: 8/3/2023

Field Sample #: SW-2 Sampled: 7/25/2023 00:00

Sample ID: 23H0691-02

Sample Matrix: Surface Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	2.6	1.8	ng/L	1	PF-20	SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluorobutanesulfonic acid (PFBS)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluoropentanoic acid (PFPeA)	1.9	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluorohexanoic acid (PFHxA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluorodecanoic acid (PFDA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
N-EtFOSAA (NEtFOSAA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
N-MeFOSAA (NMeFOSAA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluorotetradecanoic acid (PFTA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluorotridecanoic acid (PFTrDA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluorodecanesulfonic acid (PFDS)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluorooctanesulfonamide (FOSA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluorononanesulfonic acid (PFNS)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluoro-1-butanesulfonamide (FBSA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluoroheptanoic acid (PFHpA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluorooctanoic acid (PFOA)	3.3	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluorooctanesulfonic acid (PFOS)	1.9	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW
Perfluorononanoic acid (PFNA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/10/23	8/11/23 10:53	QNW

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Project Location: Surface Water Sampling, Princeto Sample Description: Work Order: 23H0691

Date Received: 8/3/2023

Field Sample #: SW-3 Sampled: 7/25/2023 00:00

Sample ID: 23H0691-03

Sample Matrix: Surface Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	5.0	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluorobutanesulfonic acid (PFBS)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluoropentanoic acid (PFPeA)	3.8	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluorohexanoic acid (PFHxA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluorodecanoic acid (PFDA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
N-EtFOSAA (NEtFOSAA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
N-MeFOSAA (NMeFOSAA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluorotetradecanoic acid (PFTA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluorotridecanoic acid (PFTrDA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluorodecanesulfonic acid (PFDS)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluorooctanesulfonamide (FOSA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluorononanesulfonic acid (PFNS)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluoro-1-butanesulfonamide (FBSA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluoroheptanoic acid (PFHpA)	2.4	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluorooctanoic acid (PFOA)	3.1	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluorooctanesulfonic acid (PFOS)	2.2	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW
Perfluorononanoic acid (PFNA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:52	QNW

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Project Location: Surface Water Sampling, Princeto Sample Description: Work Order: 23H0691

Date Received: 8/3/2023

Field Sample #: SW-4 Sampled: 7/25/2023 00:00

Sample ID: 23H0691-04

Sample Matrix: Surface Water

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	3.3	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluorobutanesulfonic acid (PFBS)	3.0	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluoropentanoic acid (PFPeA)	5.6	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluorohexanoic acid (PFHxA)	2.3	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluorodecanoic acid (PFDA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
N-EtFOSAA (NEtFOSAA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
N-MeFOSAA (NMeFOSAA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluorotetradecanoic acid (PFTA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluorotridecanoic acid (PFTrDA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluorodecanesulfonic acid (PFDS)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluorooctanesulfonamide (FOSA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluorononanesulfonic acid (PFNS)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluoro-1-butanesulfonamide (FBSA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluorohexanesulfonic acid (PFHxS)	12	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluoroheptanoic acid (PFHpA)	2.4	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluorooctanoic acid (PFOA)	5.6	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluorooctanesulfonic acid (PFOS)	6.1	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW
Perfluorononanoic acid (PFNA)	ND	1.8	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 10:59	QNW

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Project Location: Surface Water Sampling, Princeto Sample Description: Work Order: 23H0691

Date Received: 8/3/2023

Field Sample #: Field Blank Sampled: 7/25/2023 00:00

Sample ID: 23H0691-05

Sample Matrix: Field Blank

Semivolatile Organic Compounds by - LC/MS-MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Perfluorobutanoic acid (PFBA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluorobutanesulfonic acid (PFBS)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluoropentanoic acid (PFPeA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluorohexanoic acid (PFHxA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
11Cl-PF3OUdS (F53B Major)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
9Cl-PF3ONS (F53B Minor)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluorodecanoic acid (PFDA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluorododecanoic acid (PFDoA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
N-EtFOSAA (NEtFOSAA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
N-MeFOSAA (NMeFOSAA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluorotetradecanoic acid (PFTA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluorotridecanoic acid (PFTrDA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluorodecanesulfonic acid (PFDS)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluorooctanesulfonamide (FOSA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluorononanesulfonic acid (PFNS)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluoro-1-butanesulfonamide (FBSA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluorohexanesulfonic acid (PFHxS)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluoropentanesulfonic acid (PFPeS)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluoroundecanoic acid (PFUnA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluoroheptanoic acid (PFHpA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluorooctanoic acid (PFOA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluorooctanesulfonic acid (PFOS)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW
Perfluorononanoic acid (PFNA)	ND	1.9	ng/L	1		SOP-454 PFAS	8/8/23	8/9/23 11:06	QNW

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Sample Extraction Data

Prep Method:SOP 454-PFAAS **Analytical Method:SOP-454 PFAS**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23H0691-01 [SW-1]	B348289	247	1.00	08/08/23
23H0691-03 [SW-3]	B348289	275	1.00	08/08/23
23H0691-04 [SW-4]	B348289	277	1.00	08/08/23
23H0691-05 [Field Blank]	B348289	270	1.00	08/08/23

Prep Method:SOP 454-PFAAS **Analytical Method:SOP-454 PFAS**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
23H0691-02RE1 [SW-2]	B348690	278	1.00	08/10/23

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B348289 - SOP 454-PFAAS										
Blank (B348289-BLK1)				Prepared: 08/08/23 Analyzed: 08/09/23						
Perfluorobutanoic acid (PFBA)	ND	1.8	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	1.8	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	1.8	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	1.8	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	1.8	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	1.8	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	ng/L							
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8	ng/L							
Perfluorodecanoic acid (PFDA)	ND	1.8	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	1.8	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	ng/L							
N-EtFOSAA (NEtFOSAA)	ND	1.8	ng/L							
N-MeFOSAA (NMeFOSAA)	ND	1.8	ng/L							
Perfluorotetradecanoic acid (PFTA)	ND	1.8	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	1.8	ng/L							
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8	ng/L							
Perfluorodecanesulfonic acid (PFDS)	ND	1.8	ng/L							
Perfluorooctanesulfonamide (FOSA)	ND	1.8	ng/L							
Perfluorononanesulfonic acid (PFNS)	ND	1.8	ng/L							
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	1.8	ng/L							
Perfluoro-1-butanesulfonamide (FBSA)	ND	1.8	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8	ng/L							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	ng/L							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	ng/L							
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8	ng/L							
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.8	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.8	ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.8	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.8	ng/L							
Perfluorononanoic acid (PFNA)	ND	1.8	ng/L							
LCS (B348289-BS1)				Prepared: 08/08/23 Analyzed: 08/09/23						
Perfluorobutanoic acid (PFBA)	9.48	1.8	ng/L	8.94		106	73-129			
Perfluorobutanesulfonic acid (PFBS)	8.11	1.8	ng/L	7.91		103	72-130			
Perfluoropentanoic acid (PFPeA)	9.17	1.8	ng/L	8.94		103	72-129			
Perfluorohexanoic acid (PFHxA)	9.16	1.8	ng/L	8.94		103	72-129			
11Cl-PF3OUdS (F53B Major)	7.24	1.8	ng/L	8.42		86.0	55.1-141			
9Cl-PF3ONS (F53B Minor)	7.38	1.8	ng/L	8.33		88.5	59.6-146			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	7.59	1.8	ng/L	8.42		90.1	60.3-131			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	9.46	1.8	ng/L	8.94		106	37.6-167			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	8.68	1.8	ng/L	8.58		101	67-138			
Perfluorodecanoic acid (PFDA)	9.07	1.8	ng/L	8.94		102	71-129			
Perfluorododecanoic acid (PFDoA)	9.51	1.8	ng/L	8.94		106	72-134			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.16	1.8	ng/L	7.96		90.0	49.4-154			

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B348289 - SOP 454-PFAAS										
LCS (B348289-BS1)				Prepared: 08/08/23 Analyzed: 08/09/23						
Perfluoroheptanesulfonic acid (PFHpS)	9.00	1.8	ng/L	8.54		105	69-134			
N-EtFOSAA (NEtFOSAA)	8.38	1.8	ng/L	8.94		93.8	61-135			
N-MeFOSAA (NMeFOSAA)	10.8	1.8	ng/L	8.94		121	65-136			
Perfluorotetradecanoic acid (PFTA)	9.38	1.8	ng/L	8.94		105	71-132			
Perfluorotridecanoic acid (PFTrDA)	9.79	1.8	ng/L	8.94		110	65-144			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	8.73	1.8	ng/L	8.36		104	63-143			
Perfluorodecanesulfonic acid (PFDS)	8.26	1.8	ng/L	8.63		95.7	53-142			
Perfluorooctanesulfonamide (FOSA)	9.43	1.8	ng/L	8.94		105	67-137			
Perfluorononanesulfonic acid (PFNS)	8.13	1.8	ng/L	8.58		94.7	69-127			
Perfluoro-1-hexanesulfonamide (FHxSA)	7.45	1.8	ng/L	8.94		83.3	61.7-156			
Perfluoro-1-butanesulfonamide (FBSA)	8.42	1.8	ng/L	8.94		94.2	61.3-145			
Perfluorohexanesulfonic acid (PFHxS)	8.29	1.8	ng/L	8.18		101	68-131			
Perfluoro-4-oxapentanoic acid (PFMPA)	9.02	1.8	ng/L	8.94		101	59.8-147			
Perfluoro-5-oxahexanoic acid (PFMBA)	8.50	1.8	ng/L	8.94		95.1	59.5-146			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	9.11	1.8	ng/L	8.49		107	64-140			
Perfluoropentanesulfonic acid (PFPeS)	9.06	1.8	ng/L	8.40		108	71-127			
Perfluoroundecanoic acid (PFUnA)	9.24	1.8	ng/L	8.94		103	69-133			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	7.67	1.8	ng/L	8.94		85.8	58.5-143			
Perfluoroheptanoic acid (PFHpA)	9.69	1.8	ng/L	8.94		108	72-130			
Perfluorooctanoic acid (PFOA)	9.16	1.8	ng/L	8.94		102	71-133			
Perfluorooctanesulfonic acid (PFOS)	9.38	1.8	ng/L	8.27		113	65-140			
Perfluorononanoic acid (PFNA)	9.52	1.8	ng/L	8.94		106	69-130			
LCS Dup (B348289-BSD1)				Prepared: 08/08/23 Analyzed: 08/09/23						
Perfluorobutanoic acid (PFBA)	10.4	1.7	ng/L	8.68		120	73-129	9.32	30	
Perfluorobutanesulfonic acid (PFBS)	8.94	1.7	ng/L	7.69		116	72-130	9.70	30	
Perfluoropentanoic acid (PFPeA)	9.80	1.7	ng/L	8.68		113	72-129	6.69	30	
Perfluorohexanoic acid (PFHxA)	9.89	1.7	ng/L	8.68		114	72-129	7.64	30	
11Cl-PF3OUdS (F53B Major)	7.27	1.7	ng/L	8.18		88.9	55.1-141	0.442	30	
9Cl-PF3ONS (F53B Minor)	8.02	1.7	ng/L	8.09		99.1	59.6-146	8.39	30	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	8.30	1.7	ng/L	8.18		101	60.3-131	9.00	30	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	8.94	1.7	ng/L	8.68		103	37.6-167	5.72	30	
8:2 Fluorotelomersulfonic acid (8:2FTS A)	10.3	1.7	ng/L	8.34		124	67-138	17.2	30	
Perfluorodecanoic acid (PFDA)	10.2	1.7	ng/L	8.68		118	71-129	12.1	30	
Perfluorododecanoic acid (PFDoA)	10.4	1.7	ng/L	8.68		119	72-134	8.62	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	7.88	1.7	ng/L	7.73		102	49.4-154	9.57	30	
Perfluoroheptanesulfonic acid (PFHpS)	9.77	1.7	ng/L	8.29		118	69-134	8.16	30	
N-EtFOSAA (NEtFOSAA)	9.62	1.7	ng/L	8.68		111	61-135	13.8	30	
N-MeFOSAA (NMeFOSAA)	10.8	1.7	ng/L	8.68		124	65-136	0.0482	30	
Perfluorotetradecanoic acid (PFTA)	10.8	1.7	ng/L	8.68		124	71-132	13.6	30	
Perfluorotridecanoic acid (PFTrDA)	11.4	1.7	ng/L	8.68		132	65-144	15.6	30	
4:2 Fluorotelomersulfonic acid (4:2FTS A)	10.1	1.7	ng/L	8.12		125	63-143	14.6	30	
Perfluorodecanesulfonic acid (PFDS)	7.93	1.7	ng/L	8.38		94.6	53-142	4.04	30	
Perfluorooctanesulfonamide (FOSA)	9.70	1.7	ng/L	8.68		112	67-137	2.84	30	
Perfluorononanesulfonic acid (PFNS)	10.0	1.7	ng/L	8.34		121	69-127	21.1	30	
Perfluoro-1-hexanesulfonamide (FHxSA)	8.85	1.7	ng/L	8.68		102	61.7-156	17.2	30	
Perfluoro-1-butanesulfonamide (FBSA)	9.08	1.7	ng/L	8.68		105	61.3-145	7.61	30	
Perfluorohexanesulfonic acid (PFHxS)	9.30	1.7	ng/L	7.95		117	68-131	11.5	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	9.69	1.7	ng/L	8.68		112	59.8-147	7.23	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	9.01	1.7	ng/L	8.68		104	59.5-146	5.86	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B348289 - SOP 454-PFAAS										
LCS Dup (B348289-BSD1)				Prepared: 08/08/23 Analyzed: 08/09/23						
6:2 Fluorotelomersulfonic acid (6:2FTS A)	9.60	1.7	ng/L	8.25		116	64-140	5.23	30	
Perfluoropentanesulfonic acid (PFPeS)	9.81	1.7	ng/L	8.16		120	71-127	8.00	30	
Perfluoroundecanoic acid (PFUnA)	10.2	1.7	ng/L	8.68		117	69-133	9.67	30	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	7.68	1.7	ng/L	8.68		88.4	58.5-143	0.0764	30	
Perfluoroheptanoic acid (PFHpA)	10.6	1.7	ng/L	8.68		122	72-130	8.85	30	
Perfluorooctanoic acid (PFOA)	10.1	1.7	ng/L	8.68		117	71-133	10.0	30	
Perfluorooctanesulfonic acid (PFOS)	9.62	1.7	ng/L	8.03		120	65-140	2.50	30	
Perfluorononanoic acid (PFNA)	10.0	1.7	ng/L	8.68		115	69-130	5.21	30	
Batch B348690 - SOP 454-PFAAS										
Blank (B348690-BLK1)				Prepared: 08/10/23 Analyzed: 08/11/23						
Perfluorobutanoic acid (PFBA)	ND	1.8	ng/L							
Perfluorobutanesulfonic acid (PFBS)	ND	1.8	ng/L							
Perfluoropentanoic acid (PFPeA)	ND	1.8	ng/L							
Perfluorohexanoic acid (PFHxA)	ND	1.8	ng/L							
11Cl-PF3OUdS (F53B Major)	ND	1.8	ng/L							
9Cl-PF3ONS (F53B Minor)	ND	1.8	ng/L							
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	ND	1.8	ng/L							
Hexafluoropropylene oxide dimer acid (HFPO-DA)	ND	1.8	ng/L							
8:2 Fluorotelomersulfonic acid (8:2FTS A)	ND	1.8	ng/L							
Perfluorodecanoic acid (PFDA)	ND	1.8	ng/L							
Perfluorododecanoic acid (PFDoA)	ND	1.8	ng/L							
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	1.8	ng/L							
Perfluoroheptanesulfonic acid (PFHpS)	ND	1.8	ng/L							
N-EtFOSAA (NEtFOSAA)	ND	1.8	ng/L							
N-MeFOSAA (NMeFOSAA)	ND	1.8	ng/L							
Perfluorotetradecanoic acid (PFTA)	ND	1.8	ng/L							
Perfluorotridecanoic acid (PFTrDA)	ND	1.8	ng/L							
4:2 Fluorotelomersulfonic acid (4:2FTS A)	ND	1.8	ng/L							
Perfluorodecanesulfonic acid (PFDS)	ND	1.8	ng/L							
Perfluorooctanesulfonamide (FOSA)	ND	1.8	ng/L							
Perfluorononanesulfonic acid (PFNS)	ND	1.8	ng/L							
Perfluoro-1-hexanesulfonamide (FHxSA)	ND	1.8	ng/L							
Perfluoro-1-butanesulfonamide (FBSA)	ND	1.8	ng/L							
Perfluorohexanesulfonic acid (PFHxS)	ND	1.8	ng/L							
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	1.8	ng/L							
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	1.8	ng/L							
6:2 Fluorotelomersulfonic acid (6:2FTS A)	ND	1.8	ng/L							
Perfluoropentanesulfonic acid (PFPeS)	ND	1.8	ng/L							
Perfluoroundecanoic acid (PFUnA)	ND	1.8	ng/L							
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	1.8	ng/L							
Perfluoroheptanoic acid (PFHpA)	ND	1.8	ng/L							
Perfluorooctanoic acid (PFOA)	ND	1.8	ng/L							
Perfluorooctanesulfonic acid (PFOS)	ND	1.8	ng/L							
Perfluorononanoic acid (PFNA)	ND	1.8	ng/L							

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B348690 - SOP 454-PFAAS											
LCS (B348690-BS1)				Prepared: 08/10/23 Analyzed: 08/11/23							
Perfluorobutanoic acid (PFBA)	11.7	1.8	ng/L	9.05		129		73-129			
Perfluorobutanesulfonic acid (PFBS)	10.2	1.8	ng/L	8.01		127		72-130			
Perfluoropentanoic acid (PFPeA)	11.3	1.8	ng/L	9.05		125		72-129			
Perfluorohexanoic acid (PFHxA)	11.3	1.8	ng/L	9.05		125		72-129			
11Cl-PF3OUdS (F53B Major)	8.60	1.8	ng/L	8.52		101		55.1-141			
9Cl-PF3ONS (F53B Minor)	8.81	1.8	ng/L	8.43		104		59.6-146			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	9.45	1.8	ng/L	8.52		111		60.3-131			
Hexafluoropropylene oxide dimer acid (HFPO-DA)	9.13	1.8	ng/L	9.05		101		37.6-167			
8:2 Fluorotelomersulfonic acid (8:2FTS A)	11.5	1.8	ng/L	8.68		132		67-138			
Perfluorodecanoic acid (PFDA)	11.5	1.8	ng/L	9.05		127		71-129			
Perfluorododecanoic acid (PFDoA)	12.8	1.8	ng/L	9.05		**141**	*	72-134			L-01
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.99	1.8	ng/L	8.05		112		49.4-154			
Perfluoroheptanesulfonic acid (PFHpS)	10.4	1.8	ng/L	8.64		120		69-134			
N-EtFOSAA (NEtFOSAA)	10.8	1.8	ng/L	9.05		120		61-135			
N-MeFOSAA (NMeFOSAA)	11.1	1.8	ng/L	9.05		123		65-136			
Perfluorotetradecanoic acid (PFTA)	12.1	1.8	ng/L	9.05		**133**	*	71-132			L-01
Perfluorotridecanoic acid (PFTrDA)	11.6	1.8	ng/L	9.05		128		65-144			
4:2 Fluorotelomersulfonic acid (4:2FTS A)	10.8	1.8	ng/L	8.46		128		63-143			
Perfluorodecanesulfonic acid (PFDS)	11.1	1.8	ng/L	8.73		127		53-142			
Perfluorooctanesulfonamide (FOSA)	11.5	1.8	ng/L	9.05		127		67-137			
Perfluorononanesulfonic acid (PFNS)	10.8	1.8	ng/L	8.68		125		69-127			
Perfluoro-1-hexanesulfonamide (FHxSA)	9.35	1.8	ng/L	9.05		103		61.7-156			
Perfluoro-1-butanesulfonamide (FBSA)	10.2	1.8	ng/L	9.05		113		61.3-145			
Perfluorohexanesulfonic acid (PFHxS)	10.1	1.8	ng/L	8.28		122		68-131			
Perfluoro-4-oxapentanoic acid (PFMPA)	11.3	1.8	ng/L	9.05		125		59.8-147			
Perfluoro-5-oxahexanoic acid (PFMBA)	10.5	1.8	ng/L	9.05		116		59.5-146			
6:2 Fluorotelomersulfonic acid (6:2FTS A)	10.5	1.8	ng/L	8.59		122		64-140			
Perfluoropentanesulfonic acid (PFPeS)	10.9	1.8	ng/L	8.50		**128**	*	71-127			L-01
Perfluoroundecanoic acid (PFUnA)	11.6	1.8	ng/L	9.05		129		69-133			
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	9.62	1.8	ng/L	9.05		106		58.5-143			
Perfluoroheptanoic acid (PFHpA)	11.6	1.8	ng/L	9.05		128		72-130			
Perfluorooctanoic acid (PFOA)	11.4	1.8	ng/L	9.05		126		71-133			
Perfluorooctanesulfonic acid (PFOS)	10.6	1.8	ng/L	8.37		127		65-140			
Perfluorononanoic acid (PFNA)	11.9	1.8	ng/L	9.05		**131**	*	69-130			L-01
LCS Dup (B348690-BSD1)				Prepared: 08/10/23 Analyzed: 08/11/23							
Perfluorobutanoic acid (PFBA)	10.8	1.8	ng/L	8.93		121		73-129	8.10	30	
Perfluorobutanesulfonic acid (PFBS)	9.49	1.8	ng/L	7.90		120		72-130	6.77	30	
Perfluoropentanoic acid (PFPeA)	10.3	1.8	ng/L	8.93		116		72-129	9.12	30	
Perfluorohexanoic acid (PFHxA)	10.4	1.8	ng/L	8.93		116		72-129	8.76	30	
11Cl-PF3OUdS (F53B Major)	8.65	1.8	ng/L	8.41		103		55.1-141	0.669	30	
9Cl-PF3ONS (F53B Minor)	8.86	1.8	ng/L	8.32		106		59.6-146	0.584	30	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	8.73	1.8	ng/L	8.41		104		60.3-131	7.99	30	
Hexafluoropropylene oxide dimer acid (HFPO-DA)	8.09	1.8	ng/L	8.93		90.6		37.6-167	12.1	30	
8:2 Fluorotelomersulfonic acid (8:2FTS A)	10.1	1.8	ng/L	8.57		118		67-138	12.9	30	
Perfluorodecanoic acid (PFDA)	10.9	1.8	ng/L	8.93		122		71-129	5.82	30	
Perfluorododecanoic acid (PFDoA)	11.4	1.8	ng/L	8.93		128		72-134	11.1	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.32	1.8	ng/L	7.95		105		49.4-154	7.83	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by - LC/MS-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B348690 - SOP 454-PFAAS										
LCS Dup (B348690-BSD1)				Prepared: 08/10/23 Analyzed: 08/11/23						
Perfluoroheptanesulfonic acid (PFHpS)	10.4	1.8	ng/L	8.53		123	69-134	0.467	30	
N-EtFOSAA (NEtFOSAA)	10.8	1.8	ng/L	8.93		120	61-135	0.510	30	
N-MeFOSAA (NMeFOSAA)	11.6	1.8	ng/L	8.93		130	65-136	4.38	30	
Perfluorotetradecanoic acid (PFTA)	11.2	1.8	ng/L	8.93		126	71-132	7.34	30	
Perfluorotridecanoic acid (PFTrDA)	11.4	1.8	ng/L	8.93		128	65-144	1.44	30	
4:2 Fluorotelomersulfonic acid (4:2FTS A)	10.1	1.8	ng/L	8.35		121	63-143	6.74	30	
Perfluorodecanesulfonic acid (PFDS)	9.10	1.8	ng/L	8.62		106	53-142	19.6	30	
Perfluorooctanesulfonamide (FOSA)	10.6	1.8	ng/L	8.93		119	67-137	7.85	30	
Perfluorononanesulfonic acid (PFNS)	10.5	1.8	ng/L	8.57		122	69-127	3.47	30	
Perfluoro-1-hexanesulfonamide (FHxSA)	8.93	1.8	ng/L	8.93		100	61.7-156	4.68	30	
Perfluoro-1-butanesulfonamide (FBSA)	9.63	1.8	ng/L	8.93		108	61.3-145	5.96	30	
Perfluorohexanesulfonic acid (PFHxS)	10.4	1.8	ng/L	8.17		128	68-131	2.92	30	
Perfluoro-4-oxapentanoic acid (PFMPA)	10.6	1.8	ng/L	8.93		118	59.8-147	6.94	30	
Perfluoro-5-oxahexanoic acid (PFMBA)	9.74	1.8	ng/L	8.93		109	59.5-146	7.50	30	
6:2 Fluorotelomersulfonic acid (6:2FTS A)	10.2	1.8	ng/L	8.48		120	64-140	2.60	30	
Perfluoropentanesulfonic acid (PFPeS)	10.5	1.8	ng/L	8.39		125	71-127	3.66	30	
Perfluoroundecanoic acid (PFUnA)	10.8	1.8	ng/L	8.93		121	69-133	7.09	30	
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	8.80	1.8	ng/L	8.93		98.5	58.5-143	8.90	30	
Perfluoroheptanoic acid (PFHpA)	10.9	1.8	ng/L	8.93		122	72-130	6.11	30	
Perfluorooctanoic acid (PFOA)	10.8	1.8	ng/L	8.93		121	71-133	5.22	30	
Perfluorooctanesulfonic acid (PFOS)	10.9	1.8	ng/L	8.26		132	65-140	2.76	30	
Perfluorononanoic acid (PFNA)	11.2	1.8	ng/L	8.93		125	69-130	5.92	30	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
L-01	Laboratory fortified blank/laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
PF-17	Extracted Internal Standard recovery is outside of control limits. Data is not significantly affected since associated analyte is not detected and bias is on the high side.
PF-18	Duplicate analysis confirmed Extracted Internal Standard failure due to matrix effects.
PF-20	Quantifying ion signal to noise ratio is <10. Detection is suspect.
S-29	Extracted Internal Standard is outside of control limits.

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SW-1 (23H0691-01)			Lab File ID: 23H0691-01.d			Analyzed: 08/09/23 10:37			
M8FOSA	181039	3.964583	261,250.00	3.964583	69	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	106009.7	2.45575	50,619.00	2.45575	209	50 - 150	0.0000	+/-0.50	*
M2PFTA	109313.9	4.2892	447,308.00	4.2892	24	50 - 150	0.0000	+/-0.50	*
M2-8:2FTS	80447.26	3.76295	75,328.00	3.76295	107	50 - 150	0.0000	+/-0.50	
MPFBA	204805.6	1.050167	400,836.00	1.04185	51	50 - 150	0.0083	+/-0.50	
M3HFPO-DA	122679.5	2.798383	153,286.00	2.798383	80	50 - 150	0.0000	+/-0.50	
M6PFDA	531042.9	3.77145	644,516.00	3.763467	82	50 - 150	0.0080	+/-0.50	
M3PFBS	168278.3	1.861817	186,063.00	1.853533	90	50 - 150	0.0083	+/-0.50	
M7PFUnA	405329.8	3.914067	517,561.00	3.914067	78	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	76935.27	3.41245	38,644.00	3.41245	199	50 - 150	0.0000	+/-0.50	*
M5PFPeA	326303.9	1.690017	393,535.00	1.690017	83	50 - 150	0.0000	+/-0.50	
M5PFHxA	614819.8	2.5477	649,360.00	2.539483	95	50 - 150	0.0082	+/-0.50	
M3PFHxS	94793.8	3.177667	99,885.00	3.177667	95	50 - 150	0.0000	+/-0.50	
M4PFHpA	602006.4	3.14655	612,608.00	3.14655	98	50 - 150	0.0000	+/-0.50	
M8PFOA	649400.8	3.421167	630,424.00	3.421167	103	50 - 150	0.0000	+/-0.50	
M8PFOS	89208.62	3.612233	101,702.00	3.612233	88	50 - 150	0.0000	+/-0.50	
M9PFNA	570742.6	3.613267	609,134.00	3.613267	94	50 - 150	0.0000	+/-0.50	
MPFDoA	267236.2	4.056667	419,750.00	4.048683	64	50 - 150	0.0080	+/-0.50	
D5-NEtFOSAA	116543.6	3.921533	139,125.00	3.921533	84	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	134392.9	3.84175	159,810.00	3.84175	84	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SW-2 (23H0691-02RE1)			Lab File ID: 23H0691-02RE1.d			Analyzed: 08/11/23 10:53			
M8FOSA	179710.5	3.972583	287,815.00	3.972583	62	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	123407.3	2.496817	56,342.00	2.51325	219	50 - 150	-0.0164	+/-0.50	*
M2PFTA	214132.8	4.313416	480,520.00	4.313416	45	50 - 150	0.0000	+/-0.50	*
M2-8:2FTS	81853.73	3.778883	58,511.00	3.78685	140	50 - 150	-0.0080	+/-0.50	
MPFBA	107145.7	1.058467	415,125.00	1.058467	26	50 - 150	0.0000	+/-0.50	*
M3HFPO-DA	102053.7	2.831117	173,313.00	2.8393	59	50 - 150	-0.0082	+/-0.50	
M6PFDA	488279.3	3.779417	659,331.00	3.787383	74	50 - 150	-0.0080	+/-0.50	
M3PFBS	127902.3	1.886667	198,372.00	1.894967	64	50 - 150	-0.0083	+/-0.50	
M7PFUnA	431293.2	3.93005	560,946.00	3.938033	77	50 - 150	-0.0080	+/-0.50	
M2-6:2FTS	94962.07	3.4293	38,169.00	3.4293	249	50 - 150	0.0000	+/-0.50	*
M5PFPeA	224361	1.706567	418,578.00	1.7231	54	50 - 150	-0.0165	+/-0.50	
M5PFHxA	481192.9	2.58055	697,827.00	2.596983	69	50 - 150	-0.0164	+/-0.50	
M3PFHxS	75742.97	3.193817	107,774.00	3.201883	70	50 - 150	-0.0081	+/-0.50	
M4PFHpA	458525.2	3.1627	656,777.00	3.170783	70	50 - 150	-0.0081	+/-0.50	
M8PFOA	498653.7	3.437833	693,830.00	3.445833	72	50 - 150	-0.0080	+/-0.50	
M8PFOS	76967.61	3.6282	112,919.00	3.6282	68	50 - 150	0.0000	+/-0.50	
M9PFNA	449407.4	3.629233	636,673.00	3.629233	71	50 - 150	0.0000	+/-0.50	
MPFDoA	299531.9	4.064667	474,020.00	4.072667	63	50 - 150	-0.0080	+/-0.50	
D5-NEtFOSAA	109433.6	3.937517	154,296.00	3.945517	71	50 - 150	-0.0080	+/-0.50	
D3-NMeFOSAA	134591.2	3.85765	169,060.00	3.865617	80	50 - 150	-0.0080	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SW-3 (23H0691-03)			Lab File ID: 23H0691-03.d			Analyzed: 08/09/23 10:52			
M8FOSA	155960.4	3.964583	261,250.00	3.964583	60	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	121995.3	2.45575	50,619.00	2.45575	241	50 - 150	0.0000	+/-0.50	*
M2PFTA	146061.5	4.2892	447,308.00	4.2892	33	50 - 150	0.0000	+/-0.50	*
M2-8:2FTS	86736.92	3.76295	75,328.00	3.76295	115	50 - 150	0.0000	+/-0.50	
MPFBA	144704.6	1.050167	400,836.00	1.04185	36	50 - 150	0.0083	+/-0.50	*
M3HFPO-DA	100348.9	2.798383	153,286.00	2.798383	65	50 - 150	0.0000	+/-0.50	
M6PFDA	489942.7	3.77145	644,516.00	3.763467	76	50 - 150	0.0080	+/-0.50	
M3PFBS	144460.8	1.861817	186,063.00	1.853533	78	50 - 150	0.0083	+/-0.50	
M7PFUnA	420734.2	3.914067	517,561.00	3.914067	81	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	101709.2	3.41245	38,644.00	3.41245	263	50 - 150	0.0000	+/-0.50	*
M5PFPeA	265350.3	1.690017	393,535.00	1.690017	67	50 - 150	0.0000	+/-0.50	
M5PFHxA	531789.6	2.539483	649,360.00	2.539483	82	50 - 150	0.0000	+/-0.50	
M3PFHxS	87637.29	3.177667	99,885.00	3.177667	88	50 - 150	0.0000	+/-0.50	
M4PFHpA	520517.5	3.14655	612,608.00	3.14655	85	50 - 150	0.0000	+/-0.50	
M8PFOA	560886.9	3.421167	630,424.00	3.421167	89	50 - 150	0.0000	+/-0.50	
M8PFOS	82643.9	3.612233	101,702.00	3.612233	81	50 - 150	0.0000	+/-0.50	
M9PFNA	506956.3	3.613267	609,134.00	3.613267	83	50 - 150	0.0000	+/-0.50	
MPFDoA	299057.3	4.048683	419,750.00	4.048683	71	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	109656.6	3.921533	139,125.00	3.921533	79	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	122884.3	3.84175	159,810.00	3.84175	77	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
SW-4 (23H0691-04)			Lab File ID: 23H0691-04.d			Analyzed: 08/09/23 10:59			
M8FOSA	142340	3.964583	261,250.00	3.964583	54	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	153755.4	2.45575	50,619.00	2.45575	304	50 - 150	0.0000	+/-0.50	*
M2PFTA	49845.12	4.2892	447,308.00	4.2892	11	50 - 150	0.0000	+/-0.50	*
M2-8:2FTS	101516.4	3.76295	75,328.00	3.76295	135	50 - 150	0.0000	+/-0.50	
MPFBA	127377.6	1.050167	400,836.00	1.04185	32	50 - 150	0.0083	+/-0.50	*
M3HFPO-DA	106663.3	2.798383	153,286.00	2.798383	70	50 - 150	0.0000	+/-0.50	
M6PFDA	529595.3	3.77145	644,516.00	3.763467	82	50 - 150	0.0080	+/-0.50	
M3PFBS	160539.9	1.853533	186,063.00	1.853533	86	50 - 150	0.0000	+/-0.50	
M7PFUnA	420232.8	3.914067	517,561.00	3.914067	81	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	123118.3	3.41245	38,644.00	3.41245	319	50 - 150	0.0000	+/-0.50	*
M5PFPeA	282631	1.681733	393,535.00	1.690017	72	50 - 150	-0.0083	+/-0.50	
M5PFHxA	602314.7	2.539483	649,360.00	2.539483	93	50 - 150	0.0000	+/-0.50	
M3PFHxS	100635.2	3.177667	99,885.00	3.177667	101	50 - 150	0.0000	+/-0.50	
M4PFHpA	580548.5	3.14655	612,608.00	3.14655	95	50 - 150	0.0000	+/-0.50	
M8PFOA	639804.1	3.421167	630,424.00	3.421167	101	50 - 150	0.0000	+/-0.50	
M8PFOS	90439.23	3.612233	101,702.00	3.612233	89	50 - 150	0.0000	+/-0.50	
M9PFNA	574242.1	3.613267	609,134.00	3.613267	94	50 - 150	0.0000	+/-0.50	
MPFDoA	218653.3	4.048683	419,750.00	4.048683	52	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	133302.3	3.921533	139,125.00	3.921533	96	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	149788.9	3.8497	159,810.00	3.84175	94	50 - 150	0.0079	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Field Blank (23H0691-05)			Lab File ID: 23H0691-05.d			Analyzed: 08/09/23 11:06			
M8FOSA	192043.3	3.964583	261,250.00	3.964583	74	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	49072.92	2.45575	50,619.00	2.45575	97	50 - 150	0.0000	+/-0.50	
M2PFTA	341231.7	4.2892	447,308.00	4.2892	76	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	76265.41	3.76295	75,328.00	3.76295	101	50 - 150	0.0000	+/-0.50	
MPFBA	353245.7	1.050167	400,836.00	1.04185	88	50 - 150	0.0083	+/-0.50	
M3HFPO-DA	127846.5	2.798383	153,286.00	2.798383	83	50 - 150	0.0000	+/-0.50	
M6PFDA	540827.8	3.763467	644,516.00	3.763467	84	50 - 150	0.0000	+/-0.50	
M3PFBS	163502.3	1.861817	186,063.00	1.853533	88	50 - 150	0.0083	+/-0.50	
M7PFUnA	405700.2	3.91405	517,561.00	3.914067	78	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	37831.67	3.41245	38,644.00	3.41245	98	50 - 150	0.0000	+/-0.50	
M5PFPeA	334985.6	1.690017	393,535.00	1.690017	85	50 - 150	0.0000	+/-0.50	
M5PFHxA	483763.9	2.539483	649,360.00	2.539483	74	50 - 150	0.0000	+/-0.50	
M3PFHxS	87707.59	3.17765	99,885.00	3.177667	88	50 - 150	0.0000	+/-0.50	
M4PFHpA	546958.1	3.14655	612,608.00	3.14655	89	50 - 150	0.0000	+/-0.50	
M8PFOA	577613.1	3.421167	630,424.00	3.421167	92	50 - 150	0.0000	+/-0.50	
M8PFOS	84456.22	3.612233	101,702.00	3.612233	83	50 - 150	0.0000	+/-0.50	
M9PFNA	558394.4	3.613267	609,134.00	3.613267	92	50 - 150	0.0000	+/-0.50	
MPFDoA	313776.7	4.048683	419,750.00	4.048683	75	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	102479.3	3.921533	139,125.00	3.921533	74	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	123843.9	3.841733	159,810.00	3.84175	77	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (B348289-BLK1)			Lab File ID: B348289-BLK1.d			Analyzed: 08/09/23 10:23			
M8FOSA	251913.4	3.964583	261,250.00	3.964583	96	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	63830.7	2.45575	50,619.00	2.45575	126	50 - 150	0.0000	+/-0.50	
M2PFTA	441065.2	4.2892	447,308.00	4.2892	99	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	94676.63	3.76295	75,328.00	3.76295	126	50 - 150	0.0000	+/-0.50	
MPFBA	389799	1.050167	400,836.00	1.04185	97	50 - 150	0.0083	+/-0.50	
M3HFPO-DA	152634.6	2.806567	153,286.00	2.798383	100	50 - 150	0.0082	+/-0.50	
M6PFDA	639355.9	3.771433	644,516.00	3.763467	99	50 - 150	0.0080	+/-0.50	
M3PFBS	201072.4	1.861817	186,063.00	1.853533	108	50 - 150	0.0083	+/-0.50	
M7PFUnA	501604.7	3.91405	517,561.00	3.914067	97	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	44052.45	3.41245	38,644.00	3.41245	114	50 - 150	0.0000	+/-0.50	
M5PFPeA	404218.8	1.690017	393,535.00	1.690017	103	50 - 150	0.0000	+/-0.50	
M5PFHxA	691074.9	2.5477	649,360.00	2.539483	106	50 - 150	0.0082	+/-0.50	
M3PFHxS	108119.3	3.17765	99,885.00	3.177667	108	50 - 150	0.0000	+/-0.50	
M4PFHpA	655523.9	3.14655	612,608.00	3.14655	107	50 - 150	0.0000	+/-0.50	
M8PFOA	717105	3.421167	630,424.00	3.421167	114	50 - 150	0.0000	+/-0.50	
M8PFOS	97685.27	3.612233	101,702.00	3.612233	96	50 - 150	0.0000	+/-0.50	
M9PFNA	654679.5	3.613267	609,134.00	3.613267	107	50 - 150	0.0000	+/-0.50	
MPFDoA	415436.8	4.048683	419,750.00	4.048683	99	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	132968	3.921533	139,125.00	3.921533	96	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	150808.3	3.841733	159,810.00	3.84175	94	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B348289-BS1)			Lab File ID: B348289-BS1.d			Analyzed: 08/09/23 10:08			
M8FOSA	229696.5	3.964583	261,250.00	3.964583	88	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	62048.71	2.45575	50,619.00	2.45575	123	50 - 150	0.0000	+/-0.50	
M2PFTA	417805.9	4.2892	447,308.00	4.2892	93	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	90519.75	3.76295	75,328.00	3.76295	120	50 - 150	0.0000	+/-0.50	
MPFBA	361869.1	1.050167	400,836.00	1.04185	90	50 - 150	0.0083	+/-0.50	
M3HFPO-DA	142734.2	2.806567	153,286.00	2.798383	93	50 - 150	0.0082	+/-0.50	
M6PFDA	600987.1	3.77145	644,516.00	3.763467	93	50 - 150	0.0080	+/-0.50	
M3PFBS	183152.2	1.861817	186,063.00	1.853533	98	50 - 150	0.0083	+/-0.50	
M7PFUnA	471117.5	3.914067	517,561.00	3.914067	91	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	41812.23	3.41245	38,644.00	3.41245	108	50 - 150	0.0000	+/-0.50	
M5PFPeA	373803.3	1.690017	393,535.00	1.690017	95	50 - 150	0.0000	+/-0.50	
M5PFHxA	638273.9	2.5477	649,360.00	2.539483	98	50 - 150	0.0082	+/-0.50	
M3PFHxS	97074.95	3.177667	99,885.00	3.177667	97	50 - 150	0.0000	+/-0.50	
M4PFHpA	603653.6	3.14655	612,608.00	3.14655	99	50 - 150	0.0000	+/-0.50	
M8PFOA	658733.3	3.421167	630,424.00	3.421167	104	50 - 150	0.0000	+/-0.50	
M8PFOS	92361.73	3.612233	101,702.00	3.612233	91	50 - 150	0.0000	+/-0.50	
M9PFNA	604375.6	3.613267	609,134.00	3.613267	99	50 - 150	0.0000	+/-0.50	
MPFDoA	389776.3	4.048683	419,750.00	4.048683	93	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	118360.5	3.921533	139,125.00	3.921533	85	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	139049.8	3.84175	159,810.00	3.84175	87	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS Dup (B348289-BSD1)			Lab File ID: B348289-BSD1.d			Analyzed: 08/09/23 10:15			
M8FOSA	219710.3	3.964583	261,250.00	3.964583	84	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	58334.37	2.45575	50,619.00	2.45575	115	50 - 150	0.0000	+/-0.50	
M2PFTA	296236.9	4.2892	447,308.00	4.2892	66	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	81931.02	3.76295	75,328.00	3.76295	109	50 - 150	0.0000	+/-0.50	
MPFBA	342126	1.050167	400,836.00	1.04185	85	50 - 150	0.0083	+/-0.50	
M3HFPO-DA	146046	2.806567	153,286.00	2.798383	95	50 - 150	0.0082	+/-0.50	
M6PFDA	552489.3	3.77145	644,516.00	3.763467	86	50 - 150	0.0080	+/-0.50	
M3PFBS	174200.1	1.861817	186,063.00	1.853533	94	50 - 150	0.0083	+/-0.50	
M7PFUnA	433016.3	3.914067	517,561.00	3.914067	84	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	39727.07	3.41245	38,644.00	3.41245	103	50 - 150	0.0000	+/-0.50	
M5PFPeA	358509	1.690017	393,535.00	1.690017	91	50 - 150	0.0000	+/-0.50	
M5PFHxA	606037.2	2.5477	649,360.00	2.539483	93	50 - 150	0.0082	+/-0.50	
M3PFHxS	93536.49	3.177667	99,885.00	3.177667	94	50 - 150	0.0000	+/-0.50	
M4PFHpA	578945.6	3.14655	612,608.00	3.14655	95	50 - 150	0.0000	+/-0.50	
M8PFOA	603940.1	3.421167	630,424.00	3.421167	96	50 - 150	0.0000	+/-0.50	
M8PFOS	88441.03	3.612233	101,702.00	3.612233	87	50 - 150	0.0000	+/-0.50	
M9PFNA	569911.4	3.613267	609,134.00	3.613267	94	50 - 150	0.0000	+/-0.50	
MPFDoA	333882.9	4.048683	419,750.00	4.048683	80	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	110251.8	3.921533	139,125.00	3.921533	79	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	124393.6	3.84175	159,810.00	3.84175	78	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
Blank (B348690-BLK1)			Lab File ID: B348690-BLK1.d			Analyzed: 08/11/23 10:31			
M8FOSA	189568.2	3.972583	287,815.00	3.972583	66	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	44417.77	2.505033	56,342.00	2.51325	79	50 - 150	-0.0082	+/-0.50	
M2PFTA	348488.4	4.313416	480,520.00	4.313416	73	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	58296.38	3.778883	58,511.00	3.78685	100	50 - 150	-0.0080	+/-0.50	
MPFBA	297973.1	1.058467	415,125.00	1.058467	72	50 - 150	0.0000	+/-0.50	
M3HFPO-DA	144089.7	2.8393	173,313.00	2.8393	83	50 - 150	0.0000	+/-0.50	
M6PFDA	522964.2	3.787383	659,331.00	3.787383	79	50 - 150	0.0000	+/-0.50	
M3PFBS	156805.3	1.894967	198,372.00	1.894967	79	50 - 150	0.0000	+/-0.50	
M7PFUnA	402338.5	3.93005	560,946.00	3.938033	72	50 - 150	-0.0080	+/-0.50	
M2-6:2FTS	31686.81	3.4293	38,169.00	3.4293	83	50 - 150	0.0000	+/-0.50	
M5PFPeA	314702.9	1.714833	418,578.00	1.7231	75	50 - 150	-0.0083	+/-0.50	
M5PFHxA	533637.6	2.588767	697,827.00	2.596983	76	50 - 150	-0.0082	+/-0.50	
M3PFHxS	83642.57	3.201883	107,774.00	3.201883	78	50 - 150	0.0000	+/-0.50	
M4PFHpA	493722.5	3.1627	656,777.00	3.170783	75	50 - 150	-0.0081	+/-0.50	
M8PFOA	552777.3	3.437833	693,830.00	3.445833	80	50 - 150	-0.0080	+/-0.50	
M8PFOS	79383.27	3.6282	112,919.00	3.6282	70	50 - 150	0.0000	+/-0.50	
M9PFNA	475749.7	3.629233	636,673.00	3.629233	75	50 - 150	0.0000	+/-0.50	
MPFDoA	317673.2	4.07265	474,020.00	4.072667	67	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	103354.3	3.937517	154,296.00	3.945517	67	50 - 150	-0.0080	+/-0.50	
D3-NMeFOSAA	115886.2	3.865617	169,060.00	3.865617	69	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS (B348690-BS1)			Lab File ID: B348690-BS1R.d			Analyzed: 08/11/23 12:32			
M8FOSA	202067	3.972583	287,815.00	3.972583	70	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	51458.56	2.4886	56,342.00	2.496817	91	50 - 150	-0.0082	+/-0.50	
M2PFTA	353543.3	4.30535	480,520.00	4.30535	74	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	83519.33	3.778883	58,511.00	3.778883	143	50 - 150	0.0000	+/-0.50	
MPFBA	297188.7	1.058467	415,125.00	1.058467	72	50 - 150	0.0000	+/-0.50	
M3HFPO-DA	150369.2	2.822933	173,313.00	2.831117	87	50 - 150	-0.0082	+/-0.50	
M6PFDA	527987.6	3.779417	659,331.00	3.779417	80	50 - 150	0.0000	+/-0.50	
M3PFBS	157145.7	1.886667	198,372.00	1.886667	79	50 - 150	0.0000	+/-0.50	
M7PFUnA	402851.4	3.93005	560,946.00	3.93005	72	50 - 150	0.0000	+/-0.50	
M2-6:2FTS	35015.6	3.4205	38,169.00	3.4293	92	50 - 150	-0.0088	+/-0.50	
M5PFPeA	307172.6	1.706567	418,578.00	1.706567	73	50 - 150	0.0000	+/-0.50	
M5PFHxA	531309.6	2.58055	697,827.00	2.58055	76	50 - 150	0.0000	+/-0.50	
M3PFHxS	85340.42	3.193817	107,774.00	3.193817	79	50 - 150	0.0000	+/-0.50	
M4PFHpA	510400.9	3.1627	656,777.00	3.1627	78	50 - 150	0.0000	+/-0.50	
M8PFOA	550120.6	3.437833	693,830.00	3.437833	79	50 - 150	0.0000	+/-0.50	
M8PFOS	84450.92	3.620217	112,919.00	3.6282	75	50 - 150	-0.0080	+/-0.50	
M9PFNA	483248.8	3.62125	636,673.00	3.629233	76	50 - 150	-0.0080	+/-0.50	
MPFDoA	305135.2	4.064667	474,020.00	4.064667	64	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	100717.2	3.937517	154,296.00	3.937517	65	50 - 150	0.0000	+/-0.50	
D3-NMeFOSAA	131799.2	3.85765	169,060.00	3.85765	78	50 - 150	0.0000	+/-0.50	

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INTERNAL STANDARD AREA AND RT SUMMARY

SOP-454 PFAS

Internal Standard	Response	RT	Reference Response	Reference RT	Area %	Area % Limits	RT Diff	RT Diff Limit	Q
LCS Dup (B348690-BSD1)			Lab File ID: B348690-BSD1.d			Analyzed: 08/11/23 10:24			
M8FOSA	202737.4	3.972583	287,815.00	3.972583	70	50 - 150	0.0000	+/-0.50	
M2-4:2FTS	46963.29	2.505033	56,342.00	2.51325	83	50 - 150	-0.0082	+/-0.50	
M2PFTA	351863.9	4.313416	480,520.00	4.313416	73	50 - 150	0.0000	+/-0.50	
M2-8:2FTS	65209.26	3.778883	58,511.00	3.78685	111	50 - 150	-0.0080	+/-0.50	
MPFBA	309160.9	1.058467	415,125.00	1.058467	74	50 - 150	0.0000	+/-0.50	
M3HFPO-DA	159494.1	2.8393	173,313.00	2.8393	92	50 - 150	0.0000	+/-0.50	
M6PFDA	527258.4	3.787383	659,331.00	3.787383	80	50 - 150	0.0000	+/-0.50	
M3PFBS	159268.3	1.894967	198,372.00	1.894967	80	50 - 150	0.0000	+/-0.50	
M7PFUnA	407208.9	3.93005	560,946.00	3.938033	73	50 - 150	-0.0080	+/-0.50	
M2-6:2FTS	32542.84	3.4293	38,169.00	3.4293	85	50 - 150	0.0000	+/-0.50	
M5PFPeA	325369.1	1.714833	418,578.00	1.7231	78	50 - 150	-0.0083	+/-0.50	
M5PFHxA	547133.2	2.588767	697,827.00	2.596983	78	50 - 150	-0.0082	+/-0.50	
M3PFHxS	81210.15	3.201883	107,774.00	3.201883	75	50 - 150	0.0000	+/-0.50	
M4PFHpA	529837.5	3.1627	656,777.00	3.170783	81	50 - 150	-0.0081	+/-0.50	
M8PFOA	553124.9	3.437833	693,830.00	3.445833	80	50 - 150	-0.0080	+/-0.50	
M8PFOS	81720.38	3.6282	112,919.00	3.6282	72	50 - 150	0.0000	+/-0.50	
M9PFNA	482049.2	3.629233	636,673.00	3.629233	76	50 - 150	0.0000	+/-0.50	
MPFDoA	318646.9	4.07265	474,020.00	4.072667	67	50 - 150	0.0000	+/-0.50	
D5-NEtFOSAA	101907.8	3.937517	154,296.00	3.945517	66	50 - 150	-0.0080	+/-0.50	
D3-NMeFOSAA	117630	3.865617	169,060.00	3.865617	70	50 - 150	0.0000	+/-0.50	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SOP-454 PFAS in Water	
Perfluorobutanoic acid (PFBA)	NH-P,PA
Perfluorobutanesulfonic acid (PFBS)	NH-P,PA
Perfluoropentanoic acid (PFPeA)	NH-P,PA
Perfluorohexanoic acid (PFHxA)	NH-P,PA
11Cl-PF3OUdS (F53B Major)	NH-P,PA
9Cl-PF3ONS (F53B Minor)	NH-P,PA
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NH-P,PA
Hexafluoropropylene oxide dimer acid (HFPO-DA)	NH-P,PA
8:2 Fluorotelomersulfonic acid (8:2FTS A)	NH-P,PA
Perfluorodecanoic acid (PFDA)	NH-P,PA
Perfluorododecanoic acid (PFDoA)	NH-P,PA
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	NH-P,PA
Perfluoroheptanesulfonic acid (PFHpS)	NH-P,PA
N-EtFOSAA (NEtFOSAA)	NH-P,PA
N-MeFOSAA (NMeFOSAA)	NH-P,PA
Perfluorotetradecanoic acid (PFTA)	NH-P,PA
Perfluorotridecanoic acid (PFTrDA)	NH-P,PA
4:2 Fluorotelomersulfonic acid (4:2FTS A)	NH-P,PA
Perfluorodecanesulfonic acid (PFDS)	NH-P,PA
Perfluorooctanesulfonamide (FOSA)	NH-P,PA
Perfluorononanesulfonic acid (PFNS)	NH-P,PA
Perfluoro-1-hexanesulfonamide (FHxSA)	NH-P,PA
Perfluoro-1-butanesulfonamide (FBSA)	NH-P,PA
Perfluorohexanesulfonic acid (PFHxS)	NH-P,PA
Perfluoro-4-oxapentanoic acid (PFMPA)	NH-P,PA
Perfluoro-5-oxahexanoic acid (PFMBA)	NH-P,PA
6:2 Fluorotelomersulfonic acid (6:2FTS A)	NH-P,PA
Perfluoropentanesulfonic acid (PFPeS)	NH-P,PA
Perfluoroundecanoic acid (PFUnA)	NH-P,PA
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	NH-P,PA
Perfluoroheptanoic acid (PFHpA)	NH-P,PA
Perfluorooctanoic acid (PFOA)	NH-P,PA
Perfluorooctanesulfonic acid (PFOS)	NH-P,PA
Perfluorononanoic acid (PFNA)	NH-P,PA

Con-Test, a Pace Environmental Laboratory, operates under the following certifications and accreditations:

Code	Description	Number	Expires
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2023
PA	Commonwealth of Pennsylvania DEP	68-05812	06/30/2024

23H0691

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com
http://www.contestlabs.com
39 Spruce Street
East Longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Doc # 381 Rev 2_06262019

Page 1 of 1

Company Name:	Tighe & Bond
Address:	120 Front Street, Worcester, MA 01608
Phone:	508-754-2201
Project Name:	Princeton R[illegible]ng
Project Location:	Surface Water Sampling Princeton, MA
Project Number:	P-0534
Project Manager:	M. Scherer
Con-Test Quote Name/Number:	
Invoice Recipient:	Tighe & Bond
Sampled By:	M. Scherer

Requested Turnaround Time: 7-Day ☐; 10-Day ☐; PFAS 10-Day (std) ☑; Due Date:

Rush-Approval Required: 1-Day ☐; 3-Day ☐; 2-Day ☐; 4-Day ☐

Dissolved Metals Samples: ○ Field Filtered; ○ Lab to Filter

Orthophosphate Samples: ○ Field Filtered; ○ Lab to Filter

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐
Email To:
Fax To #:

ANALYSIS REQUESTED: ~~PFOS/PFOA 537.1~~; PFAS Isotope Dilution

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	COMP/GRAB	[1]Matrix Code	Conc Code	VIALS	GLASS	PLASTIC	BACTERIA	ENCORE	~~PFOS/PFOA 537.1~~	PFAS Isotope Dilution
1	SW-1	7/25/23		GRAB	SW	U			2				✓
2	SW-2	↓		↓	↓	↓			2				✓
3	SW-3	↓		↓	↓	↓			2				✓
4	SW-4	↓		↓	↓	↓			2				✓
5	Field Blank	↓		↓	↓	↓			1				✓

Signature	Date/Time
Relinquished by: (signature) [signature]	7/26/23 0830
Received by: (signature) [signature]	8/1/23 1330
Relinquished by: (signature) [signature]	8/1/23 1531
Received by: (signature) [signature]	8/2/23 1531
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Client Comments: Please Run For Extended list

Detection Limit Requirements: MA; CT; Other:

Special Requirements: ☑ MA MCP Required; MCP Certification Form Required; ☐ CT RCP Required; RCP Certification Form Required; ☐ MA State DW Required; PWSID #

Please use the following codes to indicate possible sample concentration within the Conc Code column above: H - High; M - Medium; L - Low; C - Clean; U - Unknown

NELAC and AIHA-LAP, LLC Accredited

Project Entity: Government ☐; Federal ☐; City ☐; Municipality ☐; 21 J ☐; Brownfield ☐; MWRA ☐; School ☐; MBTA ☐; WRTA ☐

Other: ☐ Chromatogram; ☐ AIHA-LAP,LLC

PCB ONLY: ☐ Soxhlet; ☐ Non Soxhlet

[2] Preservation Code

Courier Use Only
Total Number Of:
VIALS_____
GLASS_____
PLASTIC_____
BACTERIA_____
ENCORE_____

Glassware in the fridge? Y / N (Y circled)
Glassware in freezer? Y / N (N circled)
Prepackaged Cooler? Y / N (N circled)
*Contest is not responsible for missing samples from prepacked coolers

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

Lab Comments:

Disclaimer: Con-Test Labs is not responsible for any omitted information on the Chain of Custody. The Chain of Custody is a legal document that must be complete and accurate and is used to determine what analyses the laboratory will perform. Any missing information is not the laboratory's responsibility. Con-Test values your partnership on each project and will try to assist with missing information, but will not be held accountable.

RJM

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist
	Effective Date: 07/13/2023

Log In Back-Sheet

Client T & B

Project Princeton

MCP/RCP Required MA MCP

Deliverable Package Requirement No

Location MA

PWSID# (When Applicable) NA

Arrival Method:

Courier ☑ Fed Ex ☐ Walk In ☐ Other ☐

Received By / Date / Time STM 8/2/23 1531

Back-Sheet By / Date / Time GA 8/3/23 2221

Temperature Method Gun # 5

Temp < 6° C Actual Temperature 2.3

Rush Samples: Yes / (No) Notify

Short Hold: Yes / (No) Notify

Notes regarding Samples/COC outside of SOP:

Login Sample Receipt Checklist – (Rejection Criteria Listing – Using Acceptance Policy) Any False statement will be brought to the attention of the Client – True or False

	True	False
Received on Ice	☑	☐
Received in Cooler	☑	☐
Custody Seal: DATE TIME	☐	☑
COC Relinquished	☑	☐
COC/Samples Labels Agree	☑	☐
All Samples in Good Condition	☑	☐
Samples Received within Holding Time	☑	☐
Is there enough Volume	☑	☐
Proper Media/Container Used	☑	☐
Splitting Samples Required	☐	☑
MS/MSD	☐	☑
Trip Blanks	☐	☑
Lab to Filters	☐	☑
COC Legible	☑	☐

COC Included: (Check all included)

Client ☑ Analysis ☑ Sampler Name ☑

Project ☑ IDs ☑ Collection Date/Time ☑

All Samples Proper pH: (N/A) ☐ ☐

Additional Container Notes

Note: West Virginia requires all samples to have their temperature taken. Note any outliers.

Qualtrax ID: 120836

Pace ANALYTICAL SERVICES	DC#_Title: ENV-FRM-ELON-0001 v07_Sample Receiving Checklist
	Effective Date: 07/13/2023

Qualtrax ID: 120836

Sample	Soils Jars (Circle Amb/Clear)				Ambers					Plastics												VOA Vials						Other / Fill in					
															250mL																		
	16oz Amb/Clear	8oz Amb/Clear	4oz Amb/Clear	2oz Amb/Clear	Unpreserved	HCL	Sulfuric	Sulfuric	Phosphoric	HCl	Unpreserved	Unpreserved	Sulfuric	Unpreserved	Sulfuric	Unpreserved	Trizma	Sulfuric	Nitric	NaOH	Ammonium Acetate	NaOH/Zinc	Unpreserved	HCl	MeOH	D.I. Water	Bisulfate	Col/Bact					
1															X																		
2															—																		
3															—																		
4															—																		
5															—																		
6																																	
7																																	
8																																	
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18																																	
19																																	
20																																	

Tighe&Bond

APPENDIX E

Notification Letters included in Appendix E will be submitted under separate cover due to file size limitations.

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

	Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
Radius 1	21 MountainRoad	12/5/2019	12/13/2019	1/12/2020	Submitted with IRA Status No. 1
	5 HubbardstonRoad	12/5/2020	12/13/2019	1/12/2020	
	7 HubbardstonRoad	12/5/2020	12/13/2019	1/12/2020	
	15 HubbardstonRoad	12/5/2020	12/13/2019	1/12/2020	
	19 HubbardstonRoad	12/5/2020	12/13/2019	1/12/2020	
	6 MountainRoad	12/5/2020	12/13/2019	1/12/2020	
	19 MountainRoad	12/4/2020	12/13/2019	1/12/2020	
	10 MountainRoad	12/9/2020	12/30/2019	1/29/2020	
	7 Prospect	12/9/2020	12/30/2019	1/29/2020	
	5 Prospect	1/13/2020	1/16/2020	2/15/2020	
	14 MountainRoad	1/9/2020	1/21/2020	2/20/2020	
	23 HubbardstonRoad	1/10/2020	1/23/2020	2/22/2020	
	18 MountainRoad	1/13/2020	1/23/2020	2/22/2020	
	20 MountainRoad	1/13/2020	1/23/2020	2/22/2020	
	19 MountainRoad	1/10/2020	1/30/2020	2/29/2020	
	19 MountainRoad	1/17/2020	1/30/2020	2/29/2020	
	21 MountainRoad	1/24/2020	1/30/2020	2/29/2020	
	5 Prospect	1/24/2020	2/6/2020	3/7/2020	
	19 MountainRoad	1/31/2020	2/7/2020	3/8/2020	
	21 MountainRoad	1/31/2020	2/7/2020	3/8/2020	
	19 MountainRoad	1/31/2020	2/7/2020	3/8/2020	
	5 Prospect	1/31/2020	2/7/2020	3/8/2020	
	14 MountainRoad	1/22/2020	2/7/2020	3/8/2020	
	21 MountainRoad	2/7/2020	2/18/2020	3/19/2020	
	5 HubbardstonRoad	2/5/2020	2/18/2020	3/19/2020	
	5 Prospect	2/7/2020	2/18/2020	3/19/2020	
	6 MountainRoad	2/5/2020	2/19/2020	3/20/2020	
Radius 2	13 Boylston	1/8/2020	1/21/2020	2/20/2020	Submitted with IRA Status No. 1
	16 Boylston	1/9/2020	1/21/2020	2/20/2020	
	17 Boylston	1/8/2020	1/21/2020	2/20/2020	
	24 Boylston	1/9/2020	1/21/2020	2/20/2020	
	14 Gregory Hill	1/9/2020	1/21/2020	2/20/2020	
	1 Hubbardston	1/8/2020	1/21/2020	2/20/2020	
	2 Mountain	1/7/2020	1/21/2020	2/20/2020	
	29 Mountain	1/8/2020	1/21/2020	2/20/2020	
	11 Prospect	1/8/2020	1/21/2020	2/20/2020	
	17 Prospect	1/8/2020	1/21/2020	2/20/2020	
	18 Prospect	1/8/2020	1/21/2020	2/20/2020	
	1 Worcester	1/7/2020	1/21/2020	2/20/2020	
	10 Worcester	1/9/2020	1/21/2020	2/20/2020	
	13 Gregory Hill	1/10/2020	1/23/2020	2/22/2020	
	15 Gregory Hill	1/13/2020	1/23/2020	2/22/2020	
	12 Boylston	1/10/2020	1/29/2020	2/28/2020	
	30 Mountain	1/27/2020	1/30/2020	2/29/2020	
	11 Gregory Hill	1/22/2020	2/6/2020	3/7/2020	
	16 Prospect	1/22/2020	2/7/2020	3/8/2020	
	7 Boylston	1/27/2020	2/13/2020	3/14/2020	
	33 Mountain	2/7/2020	2/14/2020	3/15/2020	
	21 Prospect	2/5/2020	2/14/2020	3/15/2020	

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

	Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
Radius 3	12 Radford	5/1/2020	5/13/2020	6/12/2020	Submitted with IRA Status No. 2
	64 Mountain	1/30/2020	2/5/2020	3/6/2020	
	28 Radford	1/30/2020	2/5/2020	3/6/2020	
	32 Allen Hill	2/2/2020	2/6/2020	3/7/2020	
	9 Gregory	2/1/2020	2/7/2020	3/8/2020	
	17 Worcester	2/10/2020	2/14/2020	3/15/2020	
	44 Gregory Hill	2/5/2020	2/14/2020	3/15/2020	
	33 Hubbardston	2/5/2020	2/14/2020	3/15/2020	
	36 Hubbardston	2/6/2020	2/14/2020	3/15/2020	
	26 Prospect St	2/6/2020	2/14/2020	3/15/2020	
	16 Worcester	2/5/2020	2/14/2020	3/15/2020	
	23 Worcester	2/5/2020	2/14/2020	3/15/2020	
	2 Radford	2/19/2020	2/26/2020	3/27/2020	
	21 Boylston	2/19/2020	2/27/2020	3/28/2020	
	12 Allen Hill	2/14/2020	2/27/2020	3/28/2020	
	38 Mountain	2/14/2020	2/27/2020	3/28/2020	
	11 Radford	2/14/2020	2/27/2020	3/28/2020	
	9 Allen Hill	2/12/2020	2/28/2020	3/29/2020	
	42 Hubbardston	2/10/2020	2/28/2020	3/29/2020	
	44 Hubbardston	2/10/2020	2/28/2020	3/29/2020	
	46 Hubbardston	2/12/2020	2/28/2020	3/29/2020	
	52 Hubbardston	2/12/2020	2/28/2020	3/29/2020	
	51 Mountain	2/12/2020	2/28/2020	3/29/2020	
	48 Hubbardston	2/12/2020	2/28/2020	3/29/2020	
	54 Mountain	2/26/2020	3/6/2020	4/5/2020	
	21 Gregory Hill	2/28/2020	3/6/2020	4/5/2020	
	58 Mountain	2/26/2020	3/6/2020	4/5/2020	
	85 Merriam	2/26/2020	3/6/2020	4/5/2020	
	105 Merriam	2/28/2020	3/6/2020	4/5/2020	
	7 Radford	2/28/2020	3/6/2020	4/5/2020	
	8 Radford	2/28/2020	3/6/2020	4/5/2020	
	13 Radford	3/3/2020	3/16/2020	4/15/2020	
	15 Worcseter	3/6/2020	3/16/2020	4/15/2020	
	20 Worcester	3/17/2020	4/1/2020	5/1/2020	
POET Sampling	5 Hubbardston	2/5/2020	2/18/2020	3/19/2020	Submitted with IRA Status No.2
	5 Hubbardston	3/5/2020	3/12/2020	4/11/2020	
	20 Mountain	2/14/2020	2/26/2020	3/27/2020	
	20 Mountain	3/17/2020	4/1/2020	5/1/2020	
	7 Boylston	3/17/2020	4/1/2020	5/1/2020	
	18 Mountain	2/14/2020	3/3/2020	4/2/2020	
	18 Mountain	3/11/2020	3/17/2020	4/16/2020	
	15 HubbardstonRoad	2/26/2020	3/9/2020	4/8/2020	
	19 HubbardstonRoad	2/26/2020	3/9/2020	4/8/2020	
	21 Mountain	3/17/2020	4/1/2020	5/1/2020	
	64 Mountain	3/3/2020	3/12/2020	4/11/2020	
	6 Mountain	3/5/2020	3/12/2020	4/11/2020	
	19 Mountain	3/3/2020	3/17/2020	4/16/2020	
	29 Mountain	3/11/2020	3/18/2020	4/17/2020	
	1 Hubbardston	3/11/2020	3/18/2020	4/17/2020	
	15 Gregory	3/11/2020	3/18/2020	4/17/2020	

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

	Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
Radius 4	15 Radford	9/18/2020	10/8/2020	11/7/2020	Submitted with IRA Status No.3
	18 Radford	9/18/2020	10/8/2020	11/7/2020	
	23 Radford	7/22/2020	8/7/2020	9/6/2020	
	29 Radford	3/17/2020	4/1/2020	5/1/2020	Submitted with IRA Status No.2
	81 Hubbardston	4/28/2020	5/13/2020	6/12/2020	
	57 Merriam	4/28/2020	5/13/2020	6/12/2020	
	59 Merriam	4/28/2020	5/13/2020	6/12/2020	
	70 Merriam	4/28/2020	5/13/2020	6/12/2020	
	15 Allen Hill	4/28/2020	5/14/2020	6/13/2020	
	19 Allen Hill	4/28/2020	5/14/2020	6/13/2020	
	40 Boylston	4/28/2020	5/14/2020	6/13/2020	
	37 Radford	4/28/2020	5/14/2020	6/13/2020	
	4 Goodnow	4/28/2020	5/18/2020	6/17/2020	
	20 Allen Hill	5/8/2020	5/19/2020	6/18/2020	
	41 Prospect	5/15/2020	6/1/2020	7/1/2020	
	33 Radford	5/29/2020	6/15/2020	7/15/2020	
	32 Boylston	5/28/2020	6/15/2020	7/15/2020	
	73 Hubbardston	6/11/2020	6/22/2020	7/22/2020	
May 2020 POET Sampling	12 Boylston	5/1/2020	5/13/2020	6/12/2020	Submitted with IRA Status No.2
	1 Hubbardston	5/1/2020	5/13/2020	6/12/2020	
	5 Hubbardston	5/1/2020	5/13/2020	6/12/2020	
	15 Hubbardston	5/1/2020	5/13/2020	6/12/2020	
	18 Mountain	5/1/2020	5/13/2020	6/12/2020	
	7 Boylston	5/1/2020	5/18/2020	6/17/2020	
	43 Hubbardston	5/8/2020	5/26/2020	6/25/2020	
	6 Mountain	5/8/2020	5/26/2020	6/25/2020	
	19 Mountain	5/8/2020	5/26/2020	6/25/2020	
	21 Mountain	5/8/2020	5/26/2020	6/25/2020	
	64 Mountain	5/8/2020	5/26/2020	6/25/2020	
	29 Mountain	5/8/2020	6/15/2020	7/15/2020	
	51 Mountain	5/28/2020	6/15/2020	7/15/2020	

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
11 Prospect	9/10/2020	9/29/2020	10/29/2020	Submitted with IRA Status No.3
21 Gregory Hill	9/18/2020	10/8/2020	11/7/2020	
52 Hubbardston	9/18/2020	10/8/2020	11/7/2020	
7 Hubbardston	6/5/2020	6/15/2020	7/15/2020	Submitted with IRA Status No.2
19 Hubbardston	6/5/2020	6/15/2020	7/15/2020	
23 Hubbardston	5/29/2020	6/15/2020	7/15/2020	
14 Mountain	5/29/2020	6/15/2020	7/15/2020	
7 Prospect	6/5/2020	6/15/2020	7/15/2020	
13 Boylston	5/28/2020	6/15/2020	7/15/2020	
16 Boylston	5/28/2020	6/15/2020	7/15/2020	
17 Boylston	5/28/2020	6/15/2020	7/15/2020	
24 Boylston	5/29/2020	6/15/2020	7/15/2020	
11 Gregory Hill	5/29/2020	6/15/2020	7/15/2020	
13 Gregory Hill	5/29/2020	6/15/2020	7/15/2020	
14 Gregory Hill	5/29/2020	6/15/2020	7/15/2020	
2 Mountain	6/5/2020	6/15/2020	7/15/2020	
16 Prospect	6/5/2020	6/15/2020	7/15/2020	
17 Prospect	6/5/2020	6/15/2020	7/15/2020	
18 Prospect	6/5/2020	6/15/2020	7/15/2020	
10 Mountain	6/11/2020	6/22/2020	7/22/2020	
30 Mountain	6/5/2020	6/22/2020	7/22/2020	
1 Worcester	6/11/2020	6/22/2020	7/22/2020	
10 Worcester	6/11/2020	6/22/2020	7/22/2020	
13 Radford	7/21/2020	8/6/2020	9/5/2020	
15 Worcseter	7/21/2020	8/6/2020	9/5/2020	
17 Worcester	7/21/2020	8/6/2020	9/5/2020	
20 Worcester	7/21/2020	8/6/2020	9/5/2020	
23 Worcester	7/21/2020	8/6/2020	9/5/2020	
36 Hubbardston	7/22/2020	8/7/2020	9/6/2020	
48 Hubbardston	7/23/2020	8/7/2020	9/6/2020	
11 Radford	7/22/2020	8/7/2020	9/6/2020	
9 Allen Hill	7/23/2020	8/10/2020	9/9/2020	Submitted with IRA Status No.3
32 Allen Hill	7/22/2020	8/10/2020	9/9/2020	
21 Boylston	7/22/2020	8/10/2020	9/9/2020	
44 Gregory Hill	7/22/2020	8/10/2020	9/9/2020	
33 Hubbardston	7/23/2020	8/10/2020	9/9/2020	
42 Hubbardston	7/23/2020	8/10/2020	9/9/2020	
46 Hubbardston	7/23/2020	8/10/2020	9/9/2020	
85 Merriam	7/22/2020	8/10/2020	9/9/2020	
105 Merriam	7/21/2020	8/10/2020	9/9/2020	
33 Mountain	7/22/2020	8/10/2020	9/9/2020	
38 Mountain	7/21/2020	8/10/2020	9/9/2020	
21 Prospect	7/22/2020	8/10/2020	9/9/2020	
7 Radford	7/21/2020	8/10/2020	9/9/2020	
8 Radford	7/21/2020	8/10/2020	9/9/2020	
28 Radford	7/21/2020	8/10/2020	9/9/2020	
29 Radford	7/21/2020	8/10/2020	9/9/2020	
44 Hubbardston	7/23/2020	8/11/2020	9/10/2020	
26 Prospect	7/23/2020	8/11/2020	9/10/2020	
12 Allen Hill	7/27/2020	8/12/2020	9/11/2020	
16 Worcester	7/29/2020	8/17/2020	9/16/2020	
22 Mountain	7/30/2020	8/17/2020	9/16/2020	

Quarterly Sampling

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

June 2020 POET Sampling

Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
15 Gregory Hill	6/23/2020	7/7/2020	8/6/2020	Submitted with IRA Status No.2
12 Radford	6/30/2020	7/8/2020	8/7/2020	
20 Mountain	6/18/2020	7/7/2020	8/6/2020	
51 Mountain	6/23/2020	7/7/2020	8/6/2020	
5 Prospect	6/18/2020	7/7/2020	8/6/2020	
12 Boylston	6/23/2020	7/7/2020	8/6/2020	
1 Hubbardston	6/18/2020	7/7/2020	8/6/2020	
15 Hubbardston	6/18/2020	7/7/2020	8/6/2020	
43 Hubbardston	6/23/2020	7/7/2020	8/6/2020	
18 Mountain	6/18/2020	7/7/2020	8/6/2020	
7 Boylston	6/18/2020	7/7/2020	8/6/2020	
6 Mountain	6/23/2020	7/7/2020	8/6/2020	
19 Mountain	6/18/2020	7/7/2020	8/6/2020	
54 Mountain	6/22/2020	7/7/2020	8/6/2020	
64 Mountain	6/18/2020	7/7/2020	8/6/2020	
5 Hubbardston	6/30/2020	7/8/2020	8/7/2020	
21 Mountain	6/30/2020	7/8/2020	8/7/2020	
29 Mountain	6/30/2020	7/14/2020	8/13/2020	
29 MountainEFF	7/14/2020	7/29/2020	8/28/2020	

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

July 2020 POET Sampling

Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
58 Mountain	7/14/2020	7/30/2020	8/29/2020	Submitted with IRA Status No.3
19 Mountain	7/29/2020	8/12/2020	9/11/2020	
5 Prospect	7/27/2020	8/12/2020	9/11/2020	
1 Hubbardston	7/29/2020	8/17/2020	9/16/2020	
12 Boylston	7/31/2020	8/17/2020	9/16/2020	
12 Radford	7/31/2020	8/17/2020	9/16/2020	
15 Gregory Hill	7/31/2020	8/17/2020	9/16/2020	
15 Hubbardston	7/30/2020	8/17/2020	9/16/2020	
21 Mountain	7/31/2020	8/17/2020	9/16/2020	
51 Mountain	7/31/2020	8/17/2020	9/16/2020	
43 Hubbardston	7/29/2020	8/18/2020	9/17/2020	
18 Mountain	7/29/2020	8/19/2020	9/18/2020	
20 Mountain	7/29/2020	8/19/2020	9/18/2020	
29 Mountain	7/29/2020	8/19/2020	9/18/2020	
6 Mountain	7/29/2020	8/19/2020	9/18/2020	
64 Mountain	7/29/2020	8/19/2020	9/18/2020	
7 Boylston	7/29/2020	8/19/2020	9/18/2020	
5 Hubbardston	8/4/2020	8/21/2020	9/20/2020	
54 Mountain	8/4/2020	8/21/2020	9/20/2020	
22 Mountain	9/10/2020	9/29/2020	10/29/2020	Submitted with IRA Status No.3
12 Radford	8/31/2020	9/23/2020	10/23/2020	
58 Mountian	8/31/2020	9/22/2020	10/22/2020	
54 Mountain	9/2/2020	9/23/2020	10/23/2020	

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
6 Connor	8/31/2020	9/17/2020	10/17/2020	Submitted with IRA Status No.3
58 Merriam	10/6/2020	11/20/2020	12/20/2020	
19 Hubbardston	11/21/2020	12/14/2020	1/13/2021	Submitted with IRA Status No.3
1 Worcester	12/16/2020	1/5/2021	2/4/2021	
2 Radford	11/30/2020	12/21/2020	1/20/2021	
15 Allen Hill Rd	10/1/2020	10/26/2020	11/25/2020	
19 Allen Hill Rd	10/2/2020	10/26/2020	11/25/2020	
20 Allen Hill Rd	10/2/2020	10/26/2020	11/25/2020	
24 Boylston	10/2/2020	10/26/2020	11/25/2020	
40 Boylston	10/1/2020	10/26/2020	11/25/2020	
4 Goodnow	10/1/2020	10/26/2020	11/25/2020	
11 Gregory Hill	10/1/2020	10/26/2020	11/25/2020	
13 Gregory Hill	10/1/2020	10/26/2020	11/25/2020	
14 Gregory Hill	10/1/2020	10/26/2020	11/25/2020	
7 Hubbardston	10/1/2020	10/26/2020	11/25/2020	
23 Hubbardston	10/2/2020	10/26/2020	11/25/2020	
73 HubbardstonRd	10/2/2020	10/26/2020	11/25/2020	
81 HubbardstonRd	10/2/2020	10/26/2020	11/25/2020	
57 Merriam Rd	10/1/2020	10/26/2020	11/25/2020	
59 Merriam Rd	10/1/2020	10/26/2020	11/25/2020	
13 Boylston	10/7/2020	11/9/2020	12/9/2020	
16 Boylston	10/7/2020	11/9/2020	12/9/2020	
17 Boylston	10/7/2020	11/9/2020	12/9/2020	
32 Boylston	10/7/2020	11/9/2020	12/9/2020	
2 Mountain	10/7/2020	11/9/2020	12/9/2020	
10 Mountain	10/7/2020	11/9/2020	12/9/2020	
70 Merriam Rd	10/8/2020	11/17/2020	12/17/2020	
30 Mountain	10/13/2020	11/17/2020	12/17/2020	
37 RadfordRd	10/8/2020	11/17/2020	12/17/2020	
7 Prospect	10/8/2020	11/17/2020	12/17/2020	
17 Prospect	10/8/2020	11/17/2020	12/17/2020	
41 Prospect	10/13/2020	11/17/2020	12/17/2020	
10 Worcester	10/8/2020	11/17/2020	12/17/2020	
33 RadfordRd	10/8/2020	11/18/2020	12/18/2020	
16 Prospect	10/8/2020	11/18/2020	12/18/2020	
18 Prospect	10/8/2020	11/18/2020	12/18/2020	
35 Hubbardston	11/11/2020	12/8/2020	1/7/2021	
33 Allen Hill	11/13/2020	12/8/2020	1/7/2021	
14 Mountain	11/11/2020	12/10/2020	1/9/2021	

October 2020 Quarterly Sampling

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
29 Mountain	11/3/2020	12/28/2021	1/27/2022	Submitted with IRA Status No.3
15 Radford	10/30/2020	12/28/2020	1/27/2021	
15 Gregory Hill	11/3/2020	11/20/2020	12/20/2020	
18 Mountain	11/6/2020	11/20/2020	12/20/2020	
12 Radford	11/3/2020	11/20/2020	12/20/2020	
19 Mountain	11/6/2020	11/30/2020	12/30/2020	
7 Boylston	11/6/2020	12/2/2020	1/1/2021	
15 Hubbardston	11/6/2020	12/2/2020	1/1/2021	
21 Mountain	11/6/2020	12/2/2020	1/1/2021	
58 Mountain	11/6/2020	12/2/2020	1/1/2021	
64 Mountain	11/6/2020	12/2/2020	1/1/2021	
5 Prospect	11/6/2020	12/2/2020	1/1/2021	
1 Hubbardston	11/13/2020	12/8/2020	1/7/2021	
43 Hubbardston	11/11/2020	12/10/2020	1/9/2021	
22 Mountain	11/18/2020	12/10/2020	1/9/2021	
51 Mountain	11/11/2020	12/10/2020	1/9/2021	
12 Boylston	11/6/2020	12/14/2020	1/13/2021	
5 Hubbardston	11/18/2020	12/14/2020	1/13/2021	
6 Mountain	11/6/2020	12/14/2020	1/13/2021	
20 Mountain	11/18/2020	12/15/2020	1/14/2021	
54 Mountain	11/19/2020	12/15/2020	1/14/2021	
15 Radford	12/4/2020	12/21/2020	1/20/2021	

January 2021 POET Sampling

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
1 Worcester	12/16/2020	1/4/2021	2/3/2021	
20 Allen Hill	1/18/2021	2/5/2021	3/7/2021	
17 Boylston	1/18/2021	2/5/2021	3/7/2021	
23 Hubbardston	1/18/2021	2/5/2021	3/7/2021	
42 Hubbardston	1/19/2021	2/5/2021	3/7/2021	
44 Hubbardston	1/19/2021	2/5/2021	3/7/2021	
15 Allen Hill	1/19/2021	2/8/2021	3/10/2021	
19 Allen Hill	1/19/2021	2/8/2021	3/10/2021	
24 Boylston	1/19/2021	2/8/2021	3/10/2021	
11 Gregory Hill	1/19/2021	2/8/2021	3/10/2021	
13 Gregory Hill	1/19/2021	2/8/2021	3/10/2021	
16 Boylston	1/20/2021	2/9/2021	3/11/2021	
40 Boylston	1/20/2021	2/9/2021	3/11/2021	
14 Gregory Hill	1/20/2021	2/9/2021	3/11/2021	
44 Gregory Hill	1/20/2021	2/9/2021	3/11/2021	
105 Merriam	1/20/2021	2/9/2021	3/11/2021	
38 Mountain	1/20/2021	2/9/2021	3/11/2021	
16 Prospect	1/20/2021	2/9/2021	3/11/2021	
37 Radford	1/20/2021	2/9/2021	3/11/2021	
20 Worcester	1/20/2021	2/9/2021	3/11/2021	
32 Boylston	1/20/2021	2/12/2021	3/14/2021	
4 Goodnow	1/21/2021	2/12/2021	3/14/2021	
36 Hubbardston	1/21/2021	2/12/2021	3/14/2021	
33 Mountain	1/21/2021	2/12/2021	3/14/2021	
29 Radford	1/21/2021	2/12/2021	3/14/2021	
17 Worcester	1/21/2021	2/12/2021	3/14/2021	
9 Allen Hil	1/19/2021	2/15/2021	3/17/2021	
12 Allen Hill	1/19/2021	2/15/2021	3/17/2021	
21 Boylston	1/19/2021	2/15/2021	3/17/2021	
17 Prospect	1/19/2021	2/15/2021	3/17/2021	
16 Worcester	1/19/2021	2/15/2021	3/17/2021	
21 Gregory Hill	1/21/2021	2/16/2021	3/18/2021	
57 Merriam	1/21/2021	2/16/2021	3/18/2021	
58 Merriam	1/21/2021	2/16/2021	3/18/2021	
2 Radford	1/21/2021	2/16/2021	3/18/2021	
10 Worcester	1/21/2021	2/16/2021	3/18/2021	
39 Hubbardston	1/22/2021	2/23/2021	3/25/2021	
46 Hubbardston	1/22/2021	2/23/2021	3/25/2021	
70 Merriam	1/22/2021	2/23/2021	3/25/2021	
2 Mountain	1/22/2021	2/23/2021	3/25/2021	
18 Prospect	1/22/2021	2/23/2021	3/25/2021	
23 Radford	1/22/2021	2/23/2021	3/25/2021	
12 Boylston	1/29/2021	2/25/2021	3/27/2021	
33 Hubbardston	1/21/2021	2/25/2021	3/27/2021	
48 Hubbardston	1/22/2021	2/25/2021	3/27/2021	Submitted with 6/2021 Quarterly Status Report
85 Merriam	1/21/2021	2/25/2021	3/27/2021	
14 Mountain	1/22/2021	2/25/2021	3/27/2021	

2021 Quarterly Sampling

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
28 Radford	1/21/2021	2/25/2021	3/27/2021	
7 Radford	1/21/2021	2/26/2021	3/28/2021	
32 Allen Hill	1/22/2021	2/26/2021	3/28/2021	
13 Boylston	1/22/2021	2/26/2021	3/28/2021	
6 Connor	1/21/2021	2/26/2021	3/28/2021	
15 Gregory Hill	1/29/2021	2/26/2021	3/28/2021	
10 Mountain	1/22/2021	2/26/2021	3/28/2021	
29 Mountain	1/29/2021	2/26/2021	3/28/2021	
7 Prospect	1/19/2021	2/26/2021	3/28/2021	
8 Radford	1/21/2021	2/26/2021	3/28/2021	
11 Radford	1/21/2021	2/26/2021	3/28/2021	
13 Radford	1/22/2021	2/26/2021	3/28/2021	
18 Mountain	1/29/2021	3/1/2021	3/31/2021	
7 Hubbardston	1/29/2021	3/1/2021	3/31/2021	
19 Mountain	1/29/2021	3/1/2021	3/31/2021	
64 Mountain	1/29/2021	3/1/2021	3/31/2021	
18 Radford	1/29/2021	3/1/2021	3/31/2021	
15 Worcseter	1/29/2021	3/1/2021	3/31/2021	
23 Worcester	1/29/2021	3/1/2021	3/31/2021	
1 Hubbardston	1/29/2021	3/8/2021	4/7/2021	
15 Hubbardston	1/29/2021	3/8/2021	4/7/2021	
21 Prospect	1/29/2021	3/8/2021	4/7/2021	
12 Radford	1/29/2021	3/8/2021	4/7/2021	
33 Radford	1/29/2021	3/8/2021	4/7/2021	
20 Mountain	1/29/2021	3/8/2021	4/7/2021	
5 Prospect	1/29/2021	3/8/2021	4/7/2021	
15 Radford	2/5/2021	3/9/2021	4/8/2021	
19 Hubbardston	1/23/2021	3/9/2021	4/8/2021	
52 Hubbardston	1/29/2021	3/9/2021	4/8/2021	
21 Mountain	2/5/2021	3/9/2021	4/8/2021	
11 Prospect	1/28/2021	3/9/2021	4/8/2021	
43 Hubbardston	2/5/2021	3/11/2021	4/10/2021	
22 Mountain	2/5/2021	3/11/2021	4/10/2021	
41 Prospect	2/12/2021	3/17/2021	4/16/2021	
54 Mountain	2/11/2021	3/18/2021	4/17/2021	
5 Hubbardston	2/5/2021	3/22/2021	4/21/2021	
55 Merriam	2/5/2021	3/22/2021	4/21/2021	
6 Mountain	2/5/2021	3/22/2021	4/21/2021	
51 Mountain	2/5/2021	3/22/2021	4/21/2021	
58 Mountain	2/5/2021	3/22/2021	4/21/2021	
30 Mountain	2/22/2021	3/23/2021	4/22/2021	
7 Boylston	2/22/2021	3/29/2021	4/28/2021	

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
33 Mountain	4/16/2021	5/5/2021	6/4/2021	Submitted with 9/2021 IRA Status
85 Merriam	4/19/2021	5/10/2021	6/9/2021	Submitted with 9/2021 IRA Status
12 Allen Hill	4/20/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
20 Allen Hill	4/20/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
32 Allen Hill	4/20/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
7 Boylston	4/20/2021	5/10/2021	6/9/2021	Submitted with 9/2021 IRA Status
40 Boylston	4/20/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
6 Connor	4/20/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
11 Gregory Hill	4/21/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
13 Gregory Hill	4/21/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
14 Gregory Hill	4/20/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
7 Hubbardston	4/21/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
48 Hubbardston	4/19/2021	5/10/2021	6/9/2021	Submitted with 9/2021 IRA Status
6 Mountain	4/19/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
10 Mountain	4/19/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
14 Mountain	4/20/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
18 Mountain	4/20/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
21 Mountain	4/19/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
22 Mountain	4/19/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
29 Mountain	4/20/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
5 Prospect	4/19/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
17 Prospect	4/20/2021	5/10/2021	6/9/2021	Submitted with 9/2021 IRA Status
18 Prospect	4/19/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
21 Prospect	4/19/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
41 Prospect	4/21/2021	5/10/2021	6/9/2021	Submitted with 9/2021 IRA Status
2 Radford	4/21/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
7 Radford	4/21/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
8 Radford	4/21/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
33 Radford	4/19/2021	5/10/2021	6/9/2021	Submitted with 9/2021 IRA Status
37 Radford	4/20/2021	5/10/2021	6/9/2021	Submitted with 9/2021 IRA Status
10 Worcester	4/19/2021	5/10/2021	6/9/2021	Submitted with 6/2021 Quarterly Status
33 Allen Hill	4/20/2021	5/12/2021	6/11/2021	Submitted with 9/2021 IRA Status
4 Goodnow	4/20/2021	5/12/2021	6/11/2021	Submitted with 9/2021 IRA Status
15 Gregory Hill	4/21/2021	5/12/2021	6/11/2021	Submitted with 9/2021 IRA Status
13 Radford	4/21/2021	5/12/2021	6/11/2021	Submitted with 9/2021 IRA Status
15 Radford	4/21/2021	5/12/2021	6/11/2021	Submitted with 9/2021 IRA Status
19 Allen Hill	4/21/2021	5/14/2021	6/13/2021	Submitted with 9/2021 IRA Status
23 Hubbardston	4/22/2021	5/14/2021	6/13/2021	Submitted with 9/2021 IRA Status
58 Mountain	4/21/2021	5/14/2021	6/13/2021	Submitted with 9/2021 IRA Status
64 Mountain	4/21/2021	5/14/2021	6/13/2021	Submitted with 9/2021 IRA Status
16 Prospect	4/22/2021	5/14/2021	6/13/2021	Submitted with 9/2021 IRA Status
17 Worcester	4/22/2021	5/14/2021	6/13/2021	Submitted with 9/2021 IRA Status
13 Boylston	4/26/2021	5/17/2021	6/16/2021	Submitted with 9/2021 IRA Status
13 Boylston(RESAMPLE)	5/18/2021	6/2/2021	7/2/2021	Submitted with 9/2021 IRA Status
21 Boylston	4/26/2021	5/17/2021	6/16/2021	Submitted with 9/2021 IRA Status
1 Hubbardston	4/23/2021	5/17/2021	6/16/2021	Submitted with 9/2021 IRA Status
33 Hubbardston	4/26/2021	5/17/2021	6/16/2021	Submitted with 9/2021 IRA Status
52 Hubbardston	4/26/2021	5/17/2021	6/16/2021	Submitted with 9/2021 IRA Status
59 Merriam	4/26/2021	5/17/2021	6/16/2021	Submitted with 9/2021 IRA Status
19 Mountain	4/22/2021	5/17/2021	6/16/2021	Submitted with 9/2021 IRA Status
54 Mountain	4/23/2021	5/17/2021	6/16/2021	Submitted with 9/2021 IRA Status
7 Prospect	4/23/2021	5/17/2021	6/16/2021	Submitted with 9/2021 IRA Status
11 Prospect	4/21/2021	5/17/2021	6/16/2021	Submitted with 9/2021 IRA Status
11 Radford	4/22/2021	5/17/2021	6/16/2021	Submitted with 9/2021 IRA Status
12 Radford	4/23/2021	5/17/2021	6/16/2021	Submitted with 9/2021 IRA Status
29 Radford	4/22/2021	5/17/2021	6/16/2021	Submitted with 9/2021 IRA Status
15 Allen Hill	4/23/2021	5/18/2021	6/17/2021	Submitted with 9/2021 IRA Status

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
17 Boylston	4/27/2021	5/18/2021	6/17/2021	Submitted with 6/2021 Quarterly Status
24 Boylston	4/27/2021	5/18/2021	6/17/2021	Submitted with 9/2021 IRA Status
16 Worcester	4/23/2021	5/18/2021	6/17/2021	Submitted with 9/2021 IRA Status
9 Allen Hil	4/27/2021	5/19/2021	6/18/2021	Submitted with 9/2021 IRA Status
32 Boylston	4/27/2021	5/19/2021	6/18/2021	Submitted with 9/2021 IRA Status
51 Mountain	4/26/2021	5/20/2021	6/19/2021	Submitted with 9/2021 IRA Status
21 Gregory Hill	4/26/2021	5/20/2021	6/19/2021	Submitted with 9/2021 IRA Status
44 Gregory Hill	4/26/2021	5/20/2021	6/19/2021	Submitted with 9/2021 IRA Status
5 Hubbardston	4/27/2021	5/20/2021	6/19/2021	Submitted with 9/2021 IRA Status
35 Hubbardston	4/26/2021	5/20/2021	6/19/2021	Submitted with 9/2021 IRA Status
43 Hubbardston	4/27/2021	5/20/2021	6/19/2021	Submitted with 9/2021 IRA Status
30 Mountain	4/26/2021	5/20/2021	6/19/2021	Submitted with 9/2021 IRA Status
28 Radford	4/26/2021	5/20/2021	6/19/2021	Submitted with 9/2021 IRA Status
1 Worcester	4/26/2021	5/20/2021	6/19/2021	Submitted with 9/2021 IRA Status
15 Worcseter	4/26/2021	5/20/2021	6/19/2021	Submitted with 9/2021 IRA Status
20 Worcester	4/26/2021	5/20/2021	6/19/2021	Submitted with 9/2021 IRA Status
23 Worcester	4/26/2021	5/20/2021	6/19/2021	Submitted with 9/2021 IRA Status
18 Radford	4/26/2021	5/21/2021	6/20/2021	Submitted with 9/2021 IRA Status
36 Hubbardston	4/27/2021	5/21/2021	6/20/2021	Submitted with 9/2021 IRA Status
23 Radford	4/26/2021	5/21/2021	6/20/2021	Submitted with 9/2021 IRA Status
38 Mountain	4/27/2021	5/21/2021	6/20/2021	Submitted with 9/2021 IRA Status
30 Boylston	5/6/2021	5/24/2021	6/23/2021	Submitted with 9/2021 IRA Status
15 Hubbardston	4/26/2021	5/24/2021	6/23/2021	Submitted with 9/2021 IRA Status
19 Hubbardston	4/30/2021	5/24/2021	6/23/2021	Submitted with 9/2021 IRA Status
39 Hubbardston	5/3/2021	5/24/2021	6/23/2021	Submitted with 9/2021 IRA Status
39 Hubbardston	5/27/2021	6/9/2021	7/9/2021	Submitted with 9/2021 IRA Status
42 Hubbardston	4/26/2021	5/24/2021	6/23/2021	Submitted with 9/2021 IRA Status
42 Hubbardston	6/3/2021	6/22/2021	7/22/2021	Submitted with 9/2021 IRA Status
46 Hubbardston	4/26/2021	5/24/2021	6/23/2021	Submitted with 9/2021 IRA Status
73 Hubbardston	5/3/2021	5/24/2021	6/23/2021	Submitted with 9/2021 IRA Status
81 Hubbardston	5/3/2021	5/24/2021	6/23/2021	Submitted with 9/2021 IRA Status
70 Merriam	4/30/2021	5/24/2021	6/23/2021	Submitted with 9/2021 IRA Status
105 Merriam	4/26/2021	5/24/2021	6/23/2021	Submitted with 9/2021 IRA Status
2 Mountain	4/26/2021	5/24/2021	6/23/2021	Submitted with 9/2021 IRA Status
20 Mountain	4/26/2021	5/24/2021	6/23/2021	Submitted with 9/2021 IRA Status
7 Thompson	5/6/2021	5/24/2021	6/23/2021	Submitted with 9/2021 IRA Status
44 Hubbardston	4/26/2021	5/24/2021	6/23/2021	Submitted with 9/2021 IRA Status
55 Merriam	4/26/2021	5/24/2021	6/23/2021	Submitted with 9/2021 IRA Status
57 Merriam	4/26/2021	5/24/2021	6/23/2021	Submitted with 9/2021 IRA Status
16 Boylston	5/27/2021	6/14/2021	7/14/2021	Submitted with 9/2021 IRA Status
12 Boylston	7/22/2021	8/5/2021	9/4/2021	Submitted with 9/2021 IRA Status
29 Brooks Station	7/24/2021	8/10/2021	9/9/2021	Submitted with 9/2021 IRA Status
18 Connor	9/23/2021	10/6/2021	11/5/2021	Submitted with 12-2021 Quarterly Status Report
7 Prospect	7/22/2021	8/5/2021	9/4/2021	Submitted with 9/2021 IRA Status
38 Boylston	8/31/2021	9/14/2021	10/14/2021	Submitted with 12-2021 Quarterly Status Report

July 2021 Sampling

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
24 Boylston	10/18/2021	10/25/2021	11/24/2021	Submitted with 12-2021 Quarterly Status Report
13 Gregory Hill	10/14/2021	10/25/2021	11/24/2021	Submitted with 12-2021 Quarterly Status Report
15 Hubbardston	10/18/2021	10/25/2021	11/24/2021	Submitted with 12-2021 Quarterly Status Report
23 Hubbardston	10/14/2021	10/25/2021	11/24/2021	Submitted with 12-2021 Quarterly Status Report
35 Hubbardston	10/18/2021	10/25/2021	11/24/2021	Submitted with 12-2021 Quarterly Status Report
36 Hubbardston	10/18/2021	10/25/2021	11/24/2021	Submitted with 12-2021 Quarterly Status Report
44 Hubbardston	10/18/2021	10/25/2021	11/24/2021	Submitted with 12-2021 Quarterly Status Report
2 Mountain	10/18/2021	10/25/2021	11/24/2021	Submitted with 12-2021 Quarterly Status Report
33 Hubbardston	10/18/2021	10/27/2021	11/26/2021	Submitted with 12-2021 Quarterly Status Report
15 Allen Hill	10/14/2021	10/27/2021	11/26/2021	Submitted with 12-2021 Quarterly Status Report
33 Allen Hill	10/18/2021	10/27/2021	11/26/2021	Submitted with 12-2021 Quarterly Status Report
21 Boylston	10/18/2021	10/27/2021	11/26/2021	Submitted with 12-2021 Quarterly Status Report
40 Boylston	10/14/2021	10/27/2021	11/26/2021	Submitted with 12-2021 Quarterly Status Report
6 Connor	10/14/2021	10/27/2021	11/26/2021	Submitted with 12-2021 Quarterly Status Report
4 Goodnow	10/14/2021	10/27/2021	11/26/2021	Submitted with 12-2021 Quarterly Status Report
11 Gregory Hill	10/14/2021	10/27/2021	11/26/2021	Submitted with 12-2021 Quarterly Status Report
14 Gregory Hill	10/14/2021	10/27/2021	11/26/2021	Submitted with 12-2021 Quarterly Status Report
44 Gregory Hill	10/19/2021	10/27/2021	11/26/2021	Submitted with 12-2021 Quarterly Status Report
7 Hubbardston	10/14/2021	10/27/2021	11/26/2021	Submitted with 12-2021 Quarterly Status Report
48 Hubbardston	10/18/2021	10/27/2021	11/26/2021	Submitted with 12-2021 Quarterly Status Report
57 Merriam	10/18/2021	10/27/2021	11/26/2021	Submitted with 12-2021 Quarterly Status Report
105 Merriam	10/18/2021	10/27/2021	11/26/2021	Submitted with 12-2021 Quarterly Status Report
33 Mountain	10/18/2021	10/27/2021	11/26/2021	Submitted with 12-2021 Quarterly Status Report
58 Mountain	10/18/2021	10/27/2021	11/26/2021	Submitted with 12-2021 Quarterly Status Report
12 Allen Hill	10/14/2021	11/2/2021	12/2/2021	Submitted with 03-2022 IRA Status Report
10 Mountain	10/19/2021	11/2/2021	12/2/2021	Submitted with 03-2022 IRA Status Report
20 Allen Hill	10/19/2021	11/3/2021	12/3/2021	Submitted with 03-2022 IRA Status Report
73 Hubbardston	10/19/2021	11/3/2021	12/3/2021	Submitted with 03-2022 IRA Status Report
81 Hubbardston	10/19/2021	11/3/2021	12/3/2021	Submitted with 03-2022 IRA Status Report
59 Merriam	10/19/2021	11/3/2021	12/3/2021	Submitted with 03-2022 IRA Status Report
85 Merriam	10/19/2021	11/3/2021	12/3/2021	Submitted with 03-2022 IRA Status Report
14 Mountain	10/19/2021	11/3/2021	12/3/2021	Submitted with 03-2022 IRA Status Report
18 Mountain	10/19/2021	11/3/2021	12/3/2021	Submitted with 03-2022 IRA Status Report
64 Mountain	10/19/2021	11/3/2021	12/3/2021	Submitted with 03-2022 IRA Status Report
28 Radford	10/25/2021	11/5/2021	12/5/2021	Submitted with 03-2022 IRA Status Report
29 Radford	10/25/2021	11/5/2021	12/5/2021	Submitted with 03-2022 IRA Status Report
19 Allen Hill	10/29/2021	11/9/2021	12/9/2021	Submitted with 03-2022 IRA Status Report
54 Mountain	10/28/2021	11/9/2021	12/9/2021	Submitted with 03-2022 IRA Status Report
19 Mountain	11/3/2021	11/11/2021	12/11/2021	Submitted with 03-2022 IRA Status Report
32 Allen Hill	11/4/2021	11/11/2021	12/11/2021	Submitted with 03-2022 IRA Status Report
30 Boylston	11/3/2021	11/11/2021	12/11/2021	Submitted with 03-2022 IRA Status Report
46 Hubbardston	11/3/2021	11/11/2021	12/11/2021	Submitted with 03-2022 IRA Status Report
16 Worcester	11/4/2021	11/11/2021	12/11/2021	Submitted with 03-2022 IRA Status Report
23 Worcester	11/3/2021	11/11/2021	12/11/2021	Submitted with 03-2022 IRA Status Report
21 Mountain	11/3/2021	11/15/2021	12/15/2021	Submitted with 03-2022 IRA Status Report
22 Mountain	10/29/2021	11/15/2021	12/15/2021	Submitted with 03-2022 IRA Status Report
52 Hubbardston	11/8/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
16 Prospect	11/5/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
18 Prospect	11/5/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
2 Radford	11/5/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
18 Radford	11/5/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
37 Radford	11/5/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
7 Thompson	11/4/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
32 Boylston	11/4/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
19 Hubbardston	11/6/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
70 Merriam	11/4/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
11 Prospect	11/3/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report

October 2021 Sampling

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
17 Prospect	11/9/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
41 Prospect	11/4/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
7 Radford	11/3/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
8 Radford	11/3/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
11 Radford	11/5/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
13 Radford	11/4/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
23 Radford	11/5/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
1 Worcester	11/4/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
10 Worcester	11/5/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
20 Worcester	11/3/2021	11/16/2021	12/16/2021	Submitted with 03-2022 IRA Status Report
33 Radford	11/8/2021	11/17/2021	12/17/2021	Submitted with 03-2022 IRA Status Report
17 Worcester	11/11/2021	11/22/2021	12/22/2021	Submitted with 03-2022 IRA Status Report
13 Boylston	11/11/2021	11/22/2021	12/22/2021	Submitted with 03-2022 IRA Status Report
17 Boylston	11/11/2021	11/22/2021	12/22/2021	Submitted with 03-2022 IRA Status Report
21 Gregory Hill	11/11/2021	11/22/2021	12/22/2021	Submitted with 03-2022 IRA Status Report
55 Merriam	11/11/2021	11/22/2021	12/22/2021	Submitted with 03-2022 IRA Status Report
38 Mountain	11/11/2021	11/22/2021	12/22/2021	Submitted with 03-2022 IRA Status Report
11 Gregory Hill	11/11/2021	11/22/2021	12/22/2021	Submitted with 03-2022 IRA Status Report
9 Allen Hil	11/3/2021	11/23/2021	12/23/2021	Submitted with 03-2022 IRA Status Report
15 Worcseter	11/17/2021	11/29/2021	12/29/2021	Submitted with 03-2022 IRA Status Report
21 Prospect	2/4/2022	2/21/2022	3/23/2022	Submitted with 03-2022 IRA Status Report
26 Prospect	12/6/2021	12/14/2022	1/13/2023	Submitted with 03-2022 IRA Status Report
14 Gregory Hill	2/4/2022	2/23/2022	3/25/2022	Submitted with 03-2022 IRA Status Report
7 Hubbardston	2/18/2022	3/7/2022	4/6/2022	
68 Hubbardston	11/17/2021	11/29/2021	12/29/2021	Submitted with 03-2022 IRA Status Report
80 Hubbardston	12/16/2022	1/3/2022	2/2/2022	Submitted with 03-2022 IRA Status Report
7 Goodnow	1/18/2022	2/8/2022	3/10/2022	Submitted with 03-2022 IRA Status Report

New POET

New Location

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
1 Hubbardston	4/15/2022	5/2/2022	6/1/2022	Submitted with 6-2022 Quarterly Status Report
1 Worcester	4/21/2022	5/4/2022	6/3/2022	Submitted with 6-2022 Quarterly Status Report
10 Mountain	4/15/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
10 Worcester	4/13/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
105 Merriam	4/13/2022	4/26/2022	5/26/2022	Submitted with 6-2022 Quarterly Status Report
11 Gregory Hill	4/11/2022	4/18/2022	5/18/2022	Submitted with 6-2022 Quarterly Status Report
11 Prospect	4/21/2022	5/4/2022	6/3/2022	Submitted with 6-2022 Quarterly Status Report
11 Radford	4/14/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
12 Allen Hill	4/11/2022	4/18/2022	5/18/2022	Submitted with 6-2022 Quarterly Status Report
12 Boylston	4/14/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
13 Gregory Hill	4/15/2022	5/2/2022	6/1/2022	Submitted with 6-2022 Quarterly Status Report
13 Radford	4/14/2022	4/28/2022	5/28/2022	Submitted with 6-2022 Quarterly Status Report
14 Mountain	4/15/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
15 Allen Hill	4/21/2022	5/5/2022	6/4/2022	Submitted with 6-2022 Quarterly Status Report
15 Gregory Hill	4/12/2022	4/21/2022	5/21/2022	Submitted with 6-2022 Quarterly Status Report
15 Hubbardston	4/13/2022	4/26/2022	5/26/2022	Submitted with 6-2022 Quarterly Status Report
15 Worcester	4/14/2022	4/27/2022	5/27/2022	Submitted with 6-2022 Quarterly Status Report
16 Prospect	4/12/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
16 Worcester	4/14/2022	4/27/2022	5/27/2022	Submitted with 6-2022 Quarterly Status Report
17 Boylston	4/18/2022	5/4/2022	6/3/2022	Submitted with 6-2022 Quarterly Status Report
17 Prospect	4/12/2022	5/3/2022	6/2/2022	Submitted with 6-2022 Quarterly Status Report
17 Worcester	4/15/2022	5/2/2022	6/1/2022	Submitted with 6-2022 Quarterly Status Report
18 Connor	4/13/2022	4/26/2022	5/26/2022	Submitted with 6-2022 Quarterly Status Report
18 Mountain	4/12/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
18 Prospect	4/15/2022	5/2/2022	6/1/2022	Submitted with 6-2022 Quarterly Status Report
18 Radford	4/15/2022	4/26/2022	5/26/2022	Submitted with 6-2022 Quarterly Status Report
19 Allen Hill	4/15/2022	5/2/2022	6/1/2022	Submitted with 6-2022 Quarterly Status Report
19 Hubbardston	4/16/2022	5/4/2022	6/3/2022	Submitted with 6-2022 Quarterly Status Report
19 Mountain	4/12/2022	4/21/2022	5/21/2022	Submitted with 6-2022 Quarterly Status Report
2 Mountain	4/11/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
2 Radford	4/14/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
20 Allen Hill	4/13/2022	4/27/2022	5/27/2022	Submitted with 6-2022 Quarterly Status Report
20 Mountain	4/15/2022	5/2/2022	6/1/2022	Submitted with 6-2022 Quarterly Status Report
20 Worcester	5/4/2022	5/16/2022	6/15/2022	Submitted with 6-2022 Quarterly Status Report
21 Boylston	4/12/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
21 Mountain	4/12/2022	4/26/2022	5/26/2022	Submitted with 6-2022 Quarterly Status Report
21 Prospect	4/15/2022	5/2/2022	6/1/2022	Submitted with 6-2022 Quarterly Status Report
22 Mountain	4/14/2022	4/27/2022	5/27/2022	Submitted with 6-2022 Quarterly Status Report
23 Hubbardston	4/11/2022	4/18/2022	5/18/2022	Submitted with 6-2022 Quarterly Status Report
23 Radford	4/14/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
23 Worcester	4/15/2022	5/2/2022	6/1/2022	Submitted with 6-2022 Quarterly Status Report
24 Boylston	4/12/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
26 Prospect	4/15/2022	5/2/2022	6/1/2022	Submitted with 6-2022 Quarterly Status Report
28 Radford	4/14/2022	4/26/2022	5/26/2022	Submitted with 6-2022 Quarterly Status Report
29 Mountain	4/12/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
29 Radford	4/13/2022	4/28/2022	5/28/2022	Submitted with 6-2022 Quarterly Status Report
30 Boylston	4/21/2022	5/4/2022	6/3/2022	Submitted with 6-2022 Quarterly Status Report
30 Mountain	5/10/2022	6/1/2022	7/1/2022	Submitted with 6-2022 Quarterly Status Report
32 Allen Hill	4/12/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
32 Boylston	4/14/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
33 Allen Hill	4/12/2022	4/21/2022	5/21/2022	Submitted with 6-2022 Quarterly Status Report
33 Hubbardston	4/12/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
33 Mountain	4/15/2022	5/2/2022	6/1/2022	Submitted with 6-2022 Quarterly Status Report
33 Radford	4/13/2022	4/26/2022	5/26/2022	Submitted with 6-2022 Quarterly Status Report
35 Hubbardston	4/12/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
36 Hubbardston	4/14/2022	4/27/2022	5/27/2022	Submitted with 6-2022 Quarterly Status Report
37 Radford	4/15/2022	5/2/2022	6/1/2022	Submitted with 6-2022 Quarterly Status Report

April 2022 Sampling

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
38 Boylston	4/14/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
38 Mountain	4/15/2022	5/2/2022	6/1/2022	Submitted with 6-2022 Quarterly Status Report
4 Goodnow	4/11/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
40 Boylston	4/11/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
43 Hubbardston	4/12/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
44 Hubbardston	4/11/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
46 Hubbardston	4/15/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
48 Hubbardston	4/11/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
5 Hubbardston	4/13/2022	4/26/2022	5/26/2022	Submitted with 6-2022 Quarterly Status Report
5 Prospect	4/14/2022	4/27/2022	5/27/2022	Submitted with 6-2022 Quarterly Status Report
51 Mountain	4/14/2022	4/27/2022	5/27/2022	Submitted with 6-2022 Quarterly Status Report
55 Merriam	5/4/2022	5/16/2022	6/15/2022	Submitted with 6-2022 Quarterly Status Report
57 Merriam	4/11/2022	4/18/2022	5/18/2022	Submitted with 6-2022 Quarterly Status Report
59 Merriam	4/15/2022	5/2/2022	6/1/2022	Submitted with 6-2022 Quarterly Status Report
6 Connor	4/13/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
6 Mountain	4/12/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
64 Mountain	4/21/2022	5/4/2022	6/3/2022	Submitted with 6-2022 Quarterly Status Report
68 Hubbardston	4/16/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
7 Boylston	4/11/2022	5/10/2022	6/9/2022	Submitted with 6-2022 Quarterly Status Report
7 Goodnow	4/18/2022	5/4/2022	6/3/2022	Submitted with 6-2022 Quarterly Status Report
7 Radford	4/14/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
7 Thompson	4/12/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
70 Merriam	4/15/2022	5/2/2022	6/1/2022	Submitted with 6-2022 Quarterly Status Report
73 Hubbardston	4/16/2022	4/25/2022	5/25/2022	Submitted with 6-2022 Quarterly Status Report
8 Radford	4/14/2022	4/27/2022	5/27/2022	Submitted with 6-2022 Quarterly Status Report
80 Hubbardston	4/13/2022	4/26/2022	5/26/2022	Submitted with 6-2022 Quarterly Status Report
81 Hubbardston	4/19/2022	5/4/2022	6/3/2022	Submitted with 6-2022 Quarterly Status Report
85 Merriam	4/12/2022	4/21/2022	5/21/2022	Submitted with 6-2022 Quarterly Status Report
9 Allen Hill	4/12/2022	4/21/2022	5/21/2022	Submitted with 6-2022 Quarterly Status Report

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

July 2022 Quarterly POET Sampling

Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
7 Boylston	7/28/2022	8/16/2022	9/15/2022	Submitted with 3-2023 IRA Status
12 Boylston	7/28/2022	8/16/2022	9/15/2022	Submitted with 3-2023 IRA Status
5 Hubbardston	7/26/2022	8/16/2022	9/15/2022	Submitted with 3-2023 IRA Status
35 Hubbardston	7/26/2022	8/16/2022	9/15/2022	Submitted with 3-2023 IRA Status
43 Hubbardston	7/26/2022	8/16/2022	9/15/2022	Submitted with 3-2023 IRA Status
6 Mountain	7/28/2022	8/16/2022	9/15/2022	Submitted with 3-2023 IRA Status
51 Mountain	7/26/2022	8/16/2022	9/15/2022	Submitted with 3-2023 IRA Status
11 Prospect	7/29/2022	8/16/2022	9/15/2022	Submitted with 3-2023 IRA Status
12 Radford	7/26/2022	8/16/2022	9/15/2022	Submitted with 3-2023 IRA Status
15 Radford	7/26/2022	8/16/2022	9/15/2022	Submitted with 3-2023 IRA Status
27 Worcester	7/26/2022	8/16/2022	9/15/2022	Submitted with 3-2023 IRA Status
29 Worcester	7/26/2022	8/16/2022	9/15/2022	Submitted with 3-2023 IRA Status
15 Gregory Hill	7/26/2022	8/18/2022	9/17/2022	Submitted with 3-2023 IRA Status
15 Hubbardston	7/26/2022	8/18/2022	9/17/2022	Submitted with 3-2023 IRA Status
18 Mountain	7/26/2022	8/18/2022	9/17/2022	Submitted with 3-2023 IRA Status
19 Mountain	7/26/2022	8/18/2022	9/17/2022	Submitted with 3-2023 IRA Status
20 Mountain	7/27/2022	8/18/2022	9/17/2022	Submitted with 3-2023 IRA Status
21 Mountain	7/27/2022	8/18/2022	9/17/2022	Submitted with 3-2023 IRA Status
22 Mountain	7/26/2022	8/18/2022	9/17/2022	Submitted with 3-2023 IRA Status
29 Mountain	7/26/2022	8/18/2022	9/17/2022	Submitted with 3-2023 IRA Status
54 Mountain	7/26/2022	8/18/2022	9/17/2022	Submitted with 3-2023 IRA Status
58 Mountain	7/26/2022	8/18/2022	9/17/2022	Submitted with 3-2023 IRA Status
64 Mountain	7/27/2022	8/18/2022	9/17/2022	Submitted with 3-2023 IRA Status
5 Prospect	7/26/2022	8/18/2022	9/17/2022	Submitted with 3-2023 IRA Status
9 Allen Hill	10/24/2022	11/16/2022	12/16/2022	Submitted with 3-2023 IRA Status
12 Allen Hill	10/24/2022	11/9/2022	12/9/2022	Submitted with 3-2023 IRA Status
15 Allen Hill	10/31/2022	11/21/2022	12/21/2022	Submitted with 3-2023 IRA Status
19 Allen Hill	10/27/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
20 Allen Hill	10/28/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
32 Allen Hill	10/27/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
33 Allen Hill	10/26/2022	11/10/2022	12/10/2022	Submitted with 3-2023 IRA Status
7 Boylston	10/24/2022	11/7/2022	12/7/2022	Submitted with 3-2023 IRA Status
12 Boylston	10/26/2022	11/10/2022	12/10/2022	Submitted with 3-2023 IRA Status
16 Boylston	12/6/2022	12/16/2022	1/15/2023	Submitted with 3-2023 IRA Status
17 Boylston	10/26/2022	11/10/2022	12/10/2022	Submitted with 3-2023 IRA Status
21 Boylston	10/24/2022	11/8/2022	12/8/2022	Submitted with 3-2023 IRA Status
24 Boylston	10/25/2022	11/7/2022	12/7/2022	Submitted with 3-2023 IRA Status
30 Boylston	10/25/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
32 Boylston	10/25/2022	11/9/2022	12/9/2022	Submitted with 3-2023 IRA Status
38 Boylston	10/28/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
40 Boylston	10/26/2022	11/10/2022	12/10/2022	Submitted with 3-2023 IRA Status
6 Connor	10/25/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
18 Connor	10/25/2022	11/7/2022	12/7/2022	Submitted with 3-2023 IRA Status
4 Goodnow	10/26/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
11 Gregory Hill	10/26/2022	11/10/2022	12/10/2022	Submitted with 3-2023 IRA Status
13 Gregory Hill	10/25/2022	11/7/2022	12/7/2022	Submitted with 3-2023 IRA Status
15 Gregory Hill	10/26/2022	11/10/2022	12/10/2022	Submitted with 3-2023 IRA Status
21 Gregory Hill	10/24/2022	11/9/2022	12/9/2022	Submitted with 3-2023 IRA Status
44 Gregory Hill	10/24/2022	11/9/2022	12/9/2022	Submitted with 3-2023 IRA Status
1 Hubbardston	10/28/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
5 Hubbardston	10/27/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
15 Hubbardston	10/26/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
19 Hubbardston	11/2/2022	11/21/2022	12/21/2022	Submitted with 3-2023 IRA Status
23 Hubbardston	10/25/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
33 Hubbardston	10/27/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

October Semi annual Sampling

Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
35 Hubbardston	10/28/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
36 Hubbardston	10/25/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
42 Hubbardston	10/31/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
43 Hubbardston	10/28/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
44 Hubbardston	10/25/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
46 Hubbardston	10/27/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
48 Hubbardston	10/25/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
52 Hubbardston	10/26/2022	11/10/2022	12/10/2022	Submitted with 3-2023 IRA Status
68 Hubbardston	10/25/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
73 Hubbardston	10/25/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
80 Hubbardston	10/28/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
81 Hubbardston	10/25/2022	11/9/2022	12/9/2022	Submitted with 3-2023 IRA Status
55 Merriam	10/27/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
57 Merriam	10/24/2022	11/9/2022	12/9/2022	Submitted with 3-2023 IRA Status
59 Merriam	10/27/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
70 Merriam	10/26/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
85 Merriam	10/24/2022	11/9/2022	12/9/2022	Submitted with 3-2023 IRA Status
105 Merriam	10/24/2022	11/9/2022	12/9/2022	Submitted with 3-2023 IRA Status
2 Mountain	10/26/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
6 Mountain	10/26/2022	11/10/2022	12/10/2022	Submitted with 3-2023 IRA Status
10 Mountain	10/27/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
14 Mountain	10/26/2022	11/10/2022	12/10/2022	Submitted with 3-2023 IRA Status
18 Mountain	10/25/2022	11/16/2022	12/16/2022	Submitted with 3-2023 IRA Status
19 Mountain	11/2/2022	11/21/2022	12/21/2022	Submitted with 3-2023 IRA Status
21 Mountain	10/25/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
22 Mountain	10/27/2022	11/21/2022	12/21/2022	Submitted with 3-2023 IRA Status
29 Mountain	10/27/2022	11/16/2022	12/16/2022	Submitted with 3-2023 IRA Status
51 Mountain	10/27/2022	11/16/2022	12/16/2022	Submitted with 3-2023 IRA Status
54 Mountain	11/2/2022	11/21/2022	12/21/2022	Submitted with 3-2023 IRA Status
58 Mountain	10/27/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
64 Mountain	10/31/2022	11/21/2022	12/21/2022	Submitted with 3-2023 IRA Status
5 Prospect	10/27/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
7 Prospect	10/25/2022	11/9/2022	12/9/2022	Submitted with 3-2023 IRA Status
11 Prospect	10/27/2022	11/16/2022	12/16/2022	Submitted with 3-2023 IRA Status
16 Prospect	10/25/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
17 Prospect	10/31/2022	11/14/2022	12/14/2022	Submitted with 3-2023 IRA Status
18 Prospect	10/25/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
21 Prospect	10/31/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
26 Prospect	10/24/2022	11/9/2022	12/9/2022	Submitted with 3-2023 IRA Status
41 Prospect	10/31/2022	11/21/2022	12/21/2022	Submitted with 3-2023 IRA Status
2 Radford	10/28/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
7 Radford	10/28/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
8 Radford	10/24/2022	11/9/2022	12/9/2022	Submitted with 3-2023 IRA Status
11 Radford	10/25/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
12 Radford	10/28/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
13 Radford	10/28/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
15 Radford	10/28/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
23 Radford	10/26/2022	11/10/2022	12/10/2022	Submitted with 3-2023 IRA Status
28 Radford	12/7/2022	12/22/2022	1/21/2023	Submitted with 3-2023 IRA Status
29 Radford	10/24/2022	11/9/2022	12/9/2022	Submitted with 3-2023 IRA Status
33 Radford	10/27/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
37 Radford	10/31/2022	11/21/2022	12/21/2022	Submitted with 3-2023 IRA Status
7 Thompson	10/27/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
1 Worcester	10/25/2022	11/11/2022	12/11/2022	Submitted with 3-2023 IRA Status
10 Worcester	10/28/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
15 Worcseter	10/31/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
16 Worcester	10/28/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status

TABLE E-1
Public Notification Schedule
Princeton, Massachusetts
RTN 2-21072

Sample Location	Date Sampled	Date Data Received	Final Letter Due Date	MassDEP Submittal Status
17 Worcester	10/26/2022	11/16/2022	12/16/2022	Submitted with 3-2023 IRA Status
20 Worcester	10/24/2022	11/9/2022	12/9/2022	Submitted with 3-2023 IRA Status
26 Worcester	10/28/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
27 Worcester	10/27/2022	11/10/2022	12/10/2022	Submitted with 3-2023 IRA Status
29 Worcester	10/28/2022	11/15/2022	12/15/2022	Submitted with 3-2023 IRA Status
41 Worcester	12/8/2022	12/22/2022	1/21/2023	Submitted with 3-2023 IRA Status
14 Gregory Hill	1/18/2023	1/26/2023	2/25/2023	Submitted with 3-2023 IRA Status
5 Hubbardston	1/18/2023	1/26/2023	2/25/2023	Submitted with 3-2023 IRA Status
19 Mountain	1/18/2023	1/26/2023	2/25/2023	Submitted with 3-2023 IRA Status
64 Mountain	1/18/2023	1/26/2023	2/25/2023	Submitted with 3-2023 IRA Status
12 Boylston	1/19/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
32 Boylston	1/18/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
40 Boylston	1/19/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
11 Gregory Hill	1/19/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
13 Gregory Hill	1/18/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
15 Gregory Hill	1/20/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
15 Hubbardston	1/19/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
43 Hubbardston	1/20/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
55 Merriam	1/18/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
85 Merriam	1/20/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
6 Mountain	1/19/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
18 Mountain	1/20/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
22 Mountain	1/19/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
29 Mountain	1/19/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
38 Mountain	1/17/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
54 Mountain	1/19/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
58 Mountain	1/18/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
5 Prospect	1/19/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
11 Prospect	1/20/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
7 Radford	1/18/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
12 Radford	1/19/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
23 Radford	1/19/2023	2/2/2023	3/4/2023	Submitted with 3-2023 IRA Status
7 Boylston	1/18/2023	2/7/2023	3/9/2023	Submitted with 3-2023 IRA Status
7 Hubbardston	1/20/2023	2/7/2023	3/9/2023	Submitted with 3-2023 IRA Status
20 Mountain	1/20/2023	2/7/2023	3/9/2023	Submitted with 9-2023 IRA Status
51 Mountain	1/20/2023	2/7/2023	3/9/2023	Submitted with 3-2023 IRA Status
15 Radford	1/20/2023	2/7/2023	3/9/2023	Submitted with 3-2023 IRA Status
19 Hubbardston	1/28/2023	2/9/2023	3/11/2023	Submitted with 3-2023 IRA Status

January 2023 Quarterly POET Sampling

TABLE E-2
POET System Status
Princeton, Massachusetts
RTN 2-21072

POET SYSTEM STATUS PFAS6 >20 ug/L		
Locations >20 ppt	**System Status**	**Date Installed**
7 Boylston	POET INSTALLED	3/1/2020
12 Boylston	POET INSTALLED	3/20/2020
16 Boylston	POET INSTALLED	3/23/2021
14 Gregory Hill	POET INSTALLED	12/21/2021
15 Gregory Hill	POET INSTALLED	2/26/2020
1 Hubbardston	POET INSTALLED	2/26/2020
5 Hubbardston	POET INSTALLED	1/28/2020
7 Hubbardston	POET INSTALLED	12/21/2021
15 Hubbardston	POET INSTALLED	2/10/2020
35 Hubbardston	POET INSTALLED	6/28/2022
39 Hubbardston	POET INSTALLED	3/12/2021
42 Hubbardston	POET INSTALLED	3/2/2021
43 Hubbardston	POET INSTALLED	3/20/2020
6 Mountain	POET INSTALLED	1/28/2020
14 Mountain	POET INSTALLED	12/19/2022
18 Mountain	LARGE POET INSTALLED	2/10/2020
19 Mountain	LARGE POET INSTALLED	1/10/2020
20 Mountain	POET INSTALLED	2/11/2020
21 Mountain	POET INSTALLED	1/21/2020
22 Mountain	POET INSTALLED	9/3/2020
29 Mountain	POET INSTALLED	2/24/2020
30 Mountain	POET INSTALLED	2/15/2021
51 Mountain	POET INSTALLED	5/1/2020
54 Mountain	POET INSTALLED	6/2/2020
58 Mountain	POET INSTALLED	7/7/2020
64 Mountain	POET INSTALLED	2/18/2020
5 Prospect	POET INSTALLED	1/21/2020
7 Prospect	POET INSTALLED	6/23/2021
11 Prospect	EXISTING POET	NA
41 Prospect	EXISTING POET	NA
12 Radford	POET INSTALLED	6/12/2020
15 Radford	POET INSTALLED	10/21/2020

TABLE E-3
Single-Vessel POET Status
Princeton, Massachusetts
RTN 2-21072

Address	Status	Install Date	Effluent Sample Date
12 Allen Hill	Installed	2/15/2023	4/25/2023
20 Allen Hill	Installed	11/7/2022	11/30/2022
33 Allen Hill	Installed	11/2/2022	12/12/2022
13 Boylston	Installed	11/16/2022	12/29/2022
17 Boylston	ON HOLD		
30 Boylston	Intalled	11/10/2022	11/30/2022
32 Boylston	Installed	12/2/2022	1/18/2023
38 Boylston	Installed	Unknown	1/17/2023
40 Boylston	Installed	12/7/2022	1/19/2023
6 Connor	Installed	7/1/2023	8/25/2022
11 Gregory Hill	Installed	12/14/2022	1/19/2023
13 Gregory Hill	Installed	12/7/2022	1/18/2023
19 Hubbardston	Installed	-	2/26/2020
33 Hubbardston	Installed	11/7/2022	12/6/2022
36 Hubbardston	Not Requested		
44 Hubbardston	Installed	11/7/2022	11/30/2022
46 Hubbardston	Installed	-	4/26/2023
48 Hubbardston	Installed	10/26/2022	11/30/2022
68 Hubbardston	Not Requested		
73 Hubbardston	Installed	1/18/2023	4/27/2023
57 Merriam	Installed	4/1/2020	4/28/2020
2 Mountain	Installed	10/26/2022	11/30/2022
10 Mountain	Installed	2/2/2021	2/15/2021
33 Mountain	Installed	2/15/2023	
38 Mountain	Installed	12/14/2022	1/17/2023
92 Mountain			
17 Prospect	Installed	1/13/2023	5/1/2023
18 Prospect	ON HOLD		
26 Prospect	ON HOLD		
7 Radford	Installed	12/2/2022	1/18/2023
8 Radford	Installed	2/8/2023	5/1/2023
11 Radford	Installed	11/16/2022	11/30/2022
18 Radford	Installed	11/16/2022	12/19/2022
23 Radford	Installed	12/7/2022	1/19/2023
28 Radford	Installed	10/1/2021	10/25/2021
29 Radford	Installed	10/1/2021	10/25/2021
33 Radford	ON HOLD		
37 Radford	Installed	11/16/2022	11/30/2022
1 Worcester	Installed	12/2/2023	5/1/2023
10 Worcester	Installed	1/18/2023	5/5/2023
15 Worcester	Not Requested		
17 Worcester	Installed	1/13/2023	5/1/2023
16 Worcester	Not Requested		
23 Worcester	Installed	-	8/13/2022
25 Worcester	installed	2/1/2023	4/3/2023
27 Worcester	Installed	2/1/2023	4/25/2023

Total 46