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Memo

Subject: Wurtsmith Remedial Investigation EGLE Quality Assurance Sample Comparison

Results for PFAS analysis of Quality Assurance (QA) samples collected between 2021 and 2023 during the Air Force (AF) Remedial Investigation at the Former Wurtsmith Air Force Base (WAFB) were compared to the Quality Assurance Project Plan (QAPP) stated 20% Relative Percent Difference (RPD) criteria (EGLE, 2021). Average RPD results were compared across all dual detect pairs by matrix and analyte. The biota tissue (TA), vertical aquifer sampling (VAS), groundwater monitoring well (MW), and soil matrix QA samples were evaluated separately. Where results in individual QA sample pairs, or for particular analytes, significantly exceeded the 20% RPD criterion, laboratory reports were reviewed to determine the possible cause of the discrepancy. The attached tables present analytical results from Air Force samples alongside corresponding EGLE QA samples, with the calculated RPD values displayed to the right of each pair. RPDs meeting the RPD criterion are highlighted in green, while those exceeding the criterion are highlighted in red. A negative RPD indicates that the AF analytical results were higher than the EGLE QA results, while a positive RPD indicates that the EGLE QA results were higher than the AF results. The average RPDs for all compounds measured between sample pairs is displayed at the bottom of each RPD column. Average RPD values are highlighted pink when between 20% and 50%, and orange when exceeding 50%. The last column of each table displays the average results for each individual PFAS across all sample pairs, along with the combined average RPD of all pairs, for each sample matrix.

Biota Tissue QA Samples

The initial Eurofins-Lancaster (ELLE) report for EGLE tissue QA samples presented significantly higher concentrations than Battelle's results. This discrepancy stemmed from ELLE's use of dry weight reporting, which is atypical for tissue matrices. Following AECOM's request, ELLE reissued the report on a wet weight ("as received") basis on 11/18/2024, aligning more closely with Battelle's findings. Analytical results comparing AF samples to EGLE QA samples are presented in **Table 1**.

Analysis was conducted on three QA tissue samples (**Table 1**). Most Relative Percent Differences (RPDs) between individual compounds fell within the 20% acceptance criterion, with a few exceptions ranging from 20% to 60%. Average RPDs varied across samples: -20.8% for SUP302F001, -32.0% for SUR601F301F, and 6.1% for SUR601F301O. RPD exceedances primarily occurred when one or both lab results were below 1 ng/g (ug/kg), where lower precision is expected due to proximity to the Limit of Quantification (LOQ). The highest tissue PFAS concentration, 1,100 mg/kg in sample SUP302F001 for Perfluorooctane sulfonic acid (PFOS), exhibited an average precision of -7.6%, well within the RPD criteria.

Discrepancies where one lab detected a compound and the other did not all occurred below 1 ng/g. These cases, characterized by low signal-to-noise ratios in Battelle results for PFHxA or slight shifts in peak retention

times in ELLE results, which suggests potential non-target interferences. Overall, the agreement between EGLE and AF lab results for QA tissue samples was satisfactory, with no significant evidence of systematic bias between laboratories.

VAS QA Samples

The 2022-2023 VAS dataset (**Table 2**) included 21 QA sample pairs, 19 of which had corresponding PFAS detections in which RPDs could be evaluated. Of these, 16 samples showed mean average RPDs below 20% for all PFAS. The overall mean RPD was less than 2%, indicating no systematic bias between the AF and EGLE labs.

For 15 of the 17 PFAS analyzed, the mean RPDs across all sample pairs were below 20%, and for 10 of those 15, the mean RPDs were even lower, falling below 10%. Only Perfluoroheptanesulfonic acid (PFHpS) and Perfluorooctane sulfonamide (PFOSA) had mean RPDs exceeding 20%. A review of the raw data for the samples with higher RPDs revealed the source of the discrepancy. For sample pair WUR03646/GW2307261256WB, the EGLE Enthalpy-EDH lab integrated only the linear PFOSA isomer, while the AF SGS-Orlando lab manually integrated both linear and branched PFOSA peaks. This difference in integration methods explains the large negative RPD of -30% for PFOSA, which contrasted with the positive RPDs observed for most other PFAS in this sample pair. Similarly, sample pair WUR03638/GW2307261035WB exhibited a high negative PFOSA RPD (-70.9%) due to the same discrepancy in integration methods. Enthalpy integrated only the linear isomer, while SGS-Orlando integrated both linear and branched peaks. AECOM understands that the SGS-Orlando lab has, until recently, routinely integrated both linear and branched PFAS isomers (when ion ratios for both were within acceptable limits), unless instructed otherwise. In contrast, the Enthalpy-EDH lab integrated all isomers only for those PFAS for which a combined linear and branched isomer standard was available for both quantification and qualification.

The relative percent differences (RPDs) for all individual PFAS compounds in the WUR03638/GW2307261035WB sample pair were notably high (45-89%) and consistently negative. This pattern suggests inadequate homogenization of the sample pair, with the AF primary sample exhibiting significantly higher concentrations. Two other sample pairs, WUR06640/GW2205191155WB and WUR05079/GW2204191551WB, also showed mean RPDs exceeding 20%. These pairs displayed consistently positive RPDs for most PFAS compounds, also indicating poor field homogenization and a higher PFAS concentration in the AF samples.

The 2021 VAS dataset (**Table 3**) included 30 QA sample pairs, 26 of which had corresponding PFAS detections in which RPDs could be evaluated. Of these, 22 samples showed mean average RPDs below 20% for all PFAS. The overall mean RPD was 16%, indicating no strong systematic bias between the AF and EGLE labs.

For most PFAS, the relative percent differences (RPDs) between sample pairs were acceptable. Specifically, 8 out of the 17 PFAS analyzed had mean RPDs across all pairs below 20%, while 6 PFAS had RPDs above 20%. However, significant issues were observed with the following QA samples. The WUR10039/ GW2112120857JW pair sample showed consistently high and positive RPDs (29-97%) for all PFAS, suggesting poor sample homogenization and substantially lower PFAS concentrations in the aliquot in the AF dataset. While the overall PFAS concentrations and detection frequency were lower, the other QA sample collected on 12/12/2021 (WUR10041/ GW2112121154JW) also exhibited a high positive RPD for PFOS (196%). Similarly, PFHpS in sample pair WUR10050/ GW2112131518JW (collected on 12/13/2021) had a high positive RPD (79%). The detection of other PFAS in the EGLE QA samples that were non-detects in the corresponding AF samples further points to a lack of homogeneity during QA sample collection on these dates, resulting in a high bias in the EGLE samples.

The other sample with consistently high QA RPDs was WUR06632, but in this case the bias was high in all the AF results, producing negative RPD results of -96.1%, -95.8%, and -99.7% for PFBA, PFHxS, and PFOS,

respectively. This pattern again suggests poor sample homogenization during sample collection, rather than a systematic error in the laboratory analyses.

The average of means results above 20% RPD for PFPeA, PFHxA, PFDA, PFBS, 6:2 FTSA, and 8:2 FTSA were all driven primarily by the 4 sample QA sample pairs discussed above where the cause was likely poor sample homogenization.

Monitor Well QA Samples

The 2021 monitoring well (MW) dataset (**Table 4**) included ten QA samples, six of which had PFAS detections in both QA samples. These six pairs had average relative percent differences (RPDs) below 20% for all detected PFAS and a grand average of only -3.5%. This indicates no significant systematic bias between the EGLE (Vista) and AF (SGS-Orlando) laboratories. For four of the six PFAS with dual detections, the mean RPDs across all pairs were below 20%. The PFOA and 8:2 FTSA means, however, exceeded 20% due to a single result pair each. In both of these high-RPD pairs, at least one result was estimated (J-flagged), indicating a concentration below the reporting limit (RL) or a result qualified due to quality control (QC) issues during validation. It is expected that RPDs will be higher and precision poorer for results near or below the RL.

Soil QA Samples

Two soil QA dataset analyses were conducted, one in 2023 (**Table 5**) and the other in 2021 (**Table 6**), to compare PFAS results between an Air Force (AF) lab and an EGLE lab.

The 2023 dataset contained 7 QA samples, with 4 pairs having dual PFAS detections. Mean relative percent differences (RPDs) for all pairs were below 20%, averaging only 1.48%, indicating no overall bias between the labs. For individual PFAS compounds, all mean RPDs were also below 20%, except for 8:2 FTSA, where one pair showed a 23.6% RPD. Despite many PFAS results being estimated (J-flagged) and mostly below 10 ug/kg, the data showed acceptable precision. Both labs used the same analytical laboratory (Enthalpy-EDH), eliminating interlaboratory method differences as a factor. These results suggest good field homogenization of the soil prior to sampling.

The 2021 dataset was much larger, containing 168 QA sample pairs, with 92 pairs having dual PFAS detections. Mean RPDs were below 20% for 40 pairs and above 20% for 52 pairs. A net positive bias was observed, with EGLE lab results frequently higher than AF lab results. This bias was evident in the RPD distribution: only 7 mean RPDs were negative and less than -20%, while 42 were positive, with 19 of those exceeding 100%.

The highest average RPDs across all pairs were for 6:2 FTSA (719%) and 8:2 FTSA (182%), which were responsible for most of the high RPDs. While interferences with the extracted internal standards (EIS) for these compounds were suspected, EIS recoveries were within control limits at both labs, ruling this out as the primary cause. Many samples showed AF lab results as non-detect (ND) for 6:2 FTSA while the EGLE lab reported concentrations above 100 ug/kg. This discrepancy, along with the high positive bias, was unique to soil samples and not observed in other matrices. While the bias was most extreme for FTSA compounds, other PFAS also showed elevated RPDs: PFBA and PFHxA (above 100%), and PFPeA, PFHpA, PFOA, PFNA, PFDA, PFBS, PFPeS, PFHxS, PFNS, PFOSA, and N-EtFOSAA (between 20% and 100%). PFOS showed a smaller mean RPD of 20.1%, exceeding 100% in only three pairs. Soil heterogeneity was ruled out as a likely cause due to good precision observed in the AF primary and field duplicate pairs.

Quality control samples for 6:2 and 8:2 FTSA were generally in control at both labs, suggesting the large discrepancies were due to differences in laboratory sample preparation or extraction efficiency, which are not reflected in EIS recoveries. One possibility is the presence of precursor compounds, such as 6:2 fluorotelomer thioether amido sulfonate (6:2 FtTAoS), that degrade to FTS under the EGLE lab's extraction conditions but not

the AF lab's. This degradation has been observed in other studies and could explain the higher RPDs for FTSA and related compounds like PFHxA and PFPeA (Yi et al, 2022). The DoD QSM Table B-15 LC/MS/MS method does not fully constrain laboratory extraction procedures, allowing for potential variations that could affect the measurement of precursor compounds.

Summary

QA sample results for PFAS analysis at the Former Wurtsmith AFB (2021-2023) were compared against a 20% Relative Percent Difference (RPD) criterion. Results were evaluated by matrix (biota tissue, vertical aquifer sampling (VAS), groundwater monitoring well (MW), and soil) and analyte. Exceedances were investigated, and tables were generated showing AF and EGLE QA sample results, calculated RPDs (green for <20%, red for >20%), and overall average RPD results for each PFAS.

Biota Tissue: Initial discrepancies due to reporting dry vs. wet weight by ELLE were resolved. Most RPDs were within criteria, with some exceptions (20-60%) at low concentrations (<1 ng/g). Discrepancies where one lab detected a compound and the other didn't were also at low concentrations and likely due to interferences. Overall agreement between labs was satisfactory.

VAS: 2022-2023 data showed excellent agreement, with most mean RPDs below 20% and an overall mean RPD <2%. PFHpS and PFOSA exceeded the 20% criterion due to differing integration methods (linear vs. linear and branched isomers) between labs, exacerbated by suspected poor sample homogenization in some cases. 2021 data also generally showed good agreement (overall mean RPD 16%), but several samples (WURVS024, WURVS026, WURVS122) exhibited high RPDs due to suspected poor sample homogenization during collection.

Groundwater Monitoring Wells: 2021 data showed good agreement, with all six QA samples having average RPDs below 20% and a grand average of -3.5%. PFOA and 8:2 FTSA exceeded the 20% criterion in single sample pairs due to estimated (J-flagged) results.

Soil: 2023 data showed excellent agreement, with most mean RPDs below 20% (average 1.48%). 2021 data revealed a net positive bias, with EGLE lab results frequently higher than AF lab results. The exact cause is not known. Large RPDs, particularly for 6:2 and 8:2 FTSA, were observed, and were not attributable to EIS recoveries or soil heterogeneity. A potential explanation is the presence of precursor compounds, such as 6:2 FtTAoS, that degrade to FTS under the EGLE lab's extraction conditions but not the AF lab's, due to variations in laboratory procedures not fully constrained by the DoD QSM Table B-15 LC/MS/MS method.

References

1. Michigan Department of Environment, Great Lakes, and Energy. (2021, August). Draft Final EGLE Oversight Split Sampling Analysis for Wurtsmith AFB Remedial Investigation.
2. Yi et al., Yi, S., Harding-Marjanovic, K.C., Houtz, E., Antell, E., Olivares, C., Nichiporuk, R.V., Iavarone, A.T., Zhuang, W.Q., Field, J.A., Sedlak, D.L., Alvarez-Cohen, L. *Biotransformation of 6:2 Fluorotelomer Thioether Amido Sulfonate in Aqueous Film-Forming Foams under Nitrate-Reducing Conditions*. Environ. Sci. Technol. 2022, 56, 10646–10655

List of Attachments

- Table 1. Biota Tissue Samples
- Table 2. Vertical Aquifer Samples 2022-2023
- Table 3. Vertical Aquifer Samples 2021
- Table 4. Monitoring Well Samples

Table 5. Soil Samples 2023

Table 6. Soil Samples 2021

TABLES

Table Footnotes:

Bold Result: Analyte detected above method detection limit.

Sample Type: N = Primary Sample, FD = Field Duplicate.

<: Analyte undetected at the Limit of Detection

RPD: Relative Percent Difference

---: RPD not calculated

±5.0% : Below RPD Criterion

±30.0% : Above RPD Criterion

B: Analyte detected in the Procedural Blank above 1/2 the Limit of Quantitation (LOQ)

D: Dilution

I: Value is EMPC (estimated maximum possible concentration).

J: The analyte was positively identified; the quantitation is an estimation.

J1: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.

M: Manual integrated compound.

Q: The ion transition ratio is outside of the acceptance criteria.

U: Undetected at the Limit of Detection.

Table 1
Biota Tissue Samples
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID EGLS Sample ID Sample Date Sample Type Validation Status Lab Report		AECOM SUP302F001 10/20/2023 N N 410-151186-1	Air Force WURSUP302 SUP302F001 10/20/2023 N Y		AECOM SUR601F301F 10/19/2023 N N 410-151186-1	Air Force WURSUV601 SUR601F301F 10/19/2023 N Y		AECOM SUR601F301O 10/19/2023 N N 410-151186-1	Air Force WURSUV601 SUR601F301O 10/19/2023 N Y		Average of RPDs by Analyte
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	
PFBA	ng/g	< 0.99	< 0.56	---	< 0.96	< 0.56	---	< 2.0	< 0.53	---	
PFPeA	ng/g	< 0.49	< 0.54	---	< 0.48	< 0.54	---	< 1.0	< 0.51	---	
PFHxA	ng/g	< 0.47	< 0.37	---	0.41 JM	< 0.37 B	---	0.92 IM	< 0.35 B	---	
PFHpA	ng/g	< 0.25	< 0.35	---	< 0.24	< 0.35	---	< 0.24	0.261	---	
PFOA	ng/g	0.25 JM	0.236	5.9%	< 0.46	< 0.25	---	< 0.46	< 0.24	---	
PFNA	ng/g	0.29 JM	0.325	-10.8%	< 0.46	< 0.36	---	< 0.46	< 0.34	---	
PFDA	ng/g	0.53	0.752	-29.5%	< 0.46 UM	< 0.39	---	0.38 J	0.359	5.8%	-11.8%
PFUnA	ng/g	0.46 J	0.591	-22.2%	0.24 JI	0.282	-14.9%	0.86 I	0.864	-0.5%	-12.5%
PFDaA	ng/g	0.097 JI	0.13	-25.4%	0.079 JM	< 0.24	---	0.33 J	0.343	-3.8%	-14.6%
PFTTrDA	ng/g	0.18 J	< 0.39	---	0.19 J	0.43 J	-55.8%	0.64	0.459	39.4%	-8.2%
PFTeDA	ng/g	< 0.25	< 0.31	---	< 0.24	< 0.31	---	0.29 J	0.27	7.4%	7.4%
PFDS	ng/g	< 0.47	< 0.33	---	< 0.46	< 0.33	---	< 0.46	< 0.31	---	
PFDoS	ng/g	< 0.25	< 0.19	---	< 0.24	< 0.19	---	< 0.24	< 0.18	---	
PFBS	ng/g	< 0.45	< 0.34	---	< 0.43	< 0.34	---	< 0.43	< 0.32	---	
PFPeS	ng/g	< 0.24	< 0.2	---	< 0.23	< 0.2	---	< 0.23	< 0.19	---	
PFHxS	ng/g	7.4	8.74	-15.3%	< 0.22	< 0.3	---	< 0.22	< 0.29	---	-15.3%
PFHpS	ng/g	1.8	4.45	-59.6%	< 0.24	< 0.35	---	< 0.24	< 0.33	---	-59.6%
PFOS	ng/g	1100 D	1190	-7.6%	0.54 M	0.722	-25.2%	2	2.27	-11.9%	-14.9%
PFNS	ng/g	1	2.11	-52.6%	< 0.24	< 0.39	---	< 0.24	< 0.38	---	-52.6%
PFOSA	ng/g	28	35.4	-20.9%	< 0.24 UM	< 0.16	---	< 0.24 C	0.085	---	-20.9%
4:2 FTSA	ng/g	< 1.9	< 1.32	---	< 18	< 1.31	---	< 1.8	< 1.26	---	
6:2 FTSA	ng/g	< 28	< 0.81	---	< 5.4	< 0.81	---	< 2.7	< 0.77	---	
8:2 FTSA	ng/g	< 19	< 0.8	---	< 18	< 0.8	---	< 18	< 0.76	---	
3:3 FTCA	ng/g	< 1.5	< 0.49	---	< 1.4 UJ1	< 0.49	---	< 3.0	< 0.47	---	
5:3 FTCA	ng/g	5.1 J	4.97	2.6%	< 6.0	< 6.81	---	< 6.0	< 6.51	---	2.6%
7:3 FTCA	ng/g	5.1 J	5.94	-14.1%	< 6.0	< 3.68	---	< 6.0	< 3.52	---	-14.1%
NEtFOSAA	ng/g	< 0.47	< 0.38	---	< 0.46	< 0.38	---	< 0.46	< 0.36	---	
NMeFOSAA	ng/g	< 0.47	< 0.37	---	< 0.46	< 0.37	---	< 0.46	< 0.35	---	
NEtFOSA	ng/g	< 0.25	< 0.34	---	< 0.24	< 0.34	---	< 0.24	< 0.32	---	
NMeFOSA	ng/g	< 0.25	< 0.1	---	< 0.24	< 0.1	---	< 0.24	< 0.1	---	
NEtFOSE	ng/g	< 4.7	< 2	---	< 4.6	< 1.99	---	< 4.6	< 1.9	---	
NMeFOSE	ng/g	< 2.5	< 1.91	---	< 2.4	< 1.9	---	< 2.4	< 1.82	---	
9CI-PF3ONS	ng/g	< 0.99	< 1.25	---	< 0.96	< 1.24	---	< 0.96	< 1.19	---	
11CI-PF3OUdS	ng/g	< 0.99	< 1.19	---	< 0.96	< 1.18	---	< 0.96	< 1.13	---	
ADONA	ng/g	< 0.99	< 0.9	---	< 0.96	< 0.9	---	< 0.96	< 0.86	---	
PFMPA	ng/g	< 0.49	< 0.69	---	< 0.48 UJ1	< 0.69	---	< 0.99	< 0.66	---	
PFMBA	ng/g	< 0.49	< 0.54	---	< 0.48 UJ1	< 0.54	---	< 1.0	< 0.51	---	
HFPO-DA	ng/g	< 0.99	< 1.16	---	< 0.96	< 1.15	---	< 0.96	< 1.1	---	
NFDHA	ng/g	< 0.89	< 0.21	---	< 0.87	< 0.21	---	< 0.86	< 0.2	---	
PFEESA	ng/g	< 0.46	< 0.35	---	< 0.44	< 0.35	---	< 0.44	< 0.33	---	
Mean RPD				-20.8%			-32.0%			6.1%	-15.6%

Table 2
Vertical Aquifer Samples
2022-2023
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Longitude Latitude Lab Report		AECOM WURVS046 WUR06511 12 - 15 ft GW2204240907WB 4/24/2022 N No -83.377408 44.45515 2204244	Air Force WURVS046 WUR06511 12 - 15 ft 4/24/2022 N Yes -83.37726 44.45515 FA95165-18		AECOM WURVS050 WUR02032 17 - 20 ft GW2204261059WB 4/26/2022 N No -83.396138 44.45194 2204244	Air Force WURVS050 WUR02032 17 - 20 ft 4/26/2022 N Yes -83.39598 44.45194 FA95231-28		AECOM WURVS076 WUR04033 23 - 26 ft GW2204231000WB 4/23/2022 N No -83.392613 44.447902 2204244	Air Force WURVS076 WUR04033 23 - 26 ft 4/23/2022 N Yes -83.39246 44.4479 FA95149-8	Air Force WURVS076 WUR041018 23 - 26 ft 4/23/2022 FD Yes -83.39246 44.4479 FA95149-9	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	Result	RPD
PFBA	ng/l	5.39	5.4 J	-0.2%	4.71	4.3 J	9.5%	97	78.1	80.8	24.2%
PFPeA	ng/l	2.75 J	2.4 J	14.6%	5.37	4.6 J	16.7%	324	253	262	28.1%
PFHxA	ng/l	4.06	3.7 J	9.7%	6.69	4.8 J	39.4%	278	207	214	34.3%
PFHpA	ng/l	2.08 J	< 4.2	---	8.46	7.3 J	15.9%	422	347	355	21.6%
PFOA	ng/l	5.43	4.9 J	10.8%	14.2	13.5	5.2%	228	183	189	24.6%
PFNA	ng/l	3.11 J	2.5 J	24.4%	3.02 J	3.2 J	-5.6%	4.71	4.3 J	4.3 J	9.5%
PFDA	ng/l	< 0.994	< 4.2	---	< 0.978	< 4.2	---	< 0.960	< 4.2	< 4.2	---
PFUnA	ng/l	< 0.994	< 4.2	---	< 0.978	< 4.2	---	< 0.960	< 4.2	< 4.2	---
PFDoA	ng/l	< 0.994	< 4.2	---	< 0.978	< 4.2	---	< 0.960	< 4.2	< 4.2	---
PFTTrDA	ng/l	< 0.994	< 4.2	---	< 0.978	< 4.2	---	< 0.960	< 4.2	< 4.2	---
PFTeDA	ng/l	< 0.994	< 4.2	---	< 0.978	< 4.2	---	< 0.960	< 4.2	< 4.2	---
PFDS	ng/l	< 0.994	< 4.2	---	< 0.978	< 4.2	---	< 0.960	< 4.2	< 4.2	---
PFBS	ng/l	< 0.994	< 4.2	---	1.05 J	< 4.2	---	1.61 J	< 4.2	< 4.2	---
PFPeS	ng/l	< 0.994	< 4.2	---	< 0.978	< 4.2	---	2.77 J	2.5 J	2.2 J	10.8%
PFHxS	ng/l	7.06	7.4 J	-4.6%	20.8	18.1	14.9%	30.8	31.1	31.9	-1.0%
PFHpS	ng/l	< 0.994	< 4.2	---	< 0.978	< 4.2	---	< 0.960	< 4.2	< 4.2	---
PFOS	ng/l	203	198	2.5%	5.19 Q	7.3 J	-28.9%	11	13.2	14.3	-16.7%
PFNS	ng/l	< 0.994	< 4.2	---	< 0.978	< 4.2	---	< 0.960	< 4.2	< 4.2	---
PFOSA	ng/l	9.13	< 4.2	---	4.3 Q	< 4.2	---	7.77	< 4.2	< 4.2	---
4:2 FTSA	ng/l	< 0.994	< 8.3	---	< 0.978	< 8.3	---	< 0.960	< 8.3	< 8.3	---
6:2 FTSA	ng/l	< 0.994	< 8.3	---	< 0.978	< 8.3	---	965	824	841	17.1%
8:2 FTSA	ng/l	< 0.994	< 8.3	---	< 0.978	< 8.3	---	< 0.960	< 8.3	< 8.3	---
NEtFOSAA	ng/l	< 0.994	< 8.3	---	< 0.978	< 8.3	---	< 0.960	< 8.3	< 8.3	---
NMeFOSAA	ng/l	< 0.994	< 8.3	---	< 0.978	< 8.3	---	< 0.960	< 8.3	< 8.3	---
Mean RPD				8.2%			8.4%				15.3%

Table 2
Vertical Aquifer Samples
2022-2023
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Longitude Latitude Lab Report		AECOM WURVS084 WUR05064 35 - 38 ft GW2204221040WB 4/22/2022 N No -83.37946 44.447027 2204244	Air Force WURVS084 WUR05064 35 - 38 ft 4/22/2022 N Yes -83.37931 44.44703 FA95149-3		AECOM WURVS095 WUR06670 27 - 30 ft GW2307280905WB 7/28/2023 N No -83.37073498 44.44276585 2308003	AECOM WURVS095 WUR06670 27 - 30 ft DUP2307281200WB 7/28/2023 FD No -83.37073498 44.44276585 2308003	Air Force WURVS095 WUR06670 27 - 30 ft 7/28/2023 N Yes -83.37073498 44.44276585 FC8267-7	Air Force WURVS095 WUR06695 27 - 30 ft 7/28/2023 FD Yes -83.37073498 44.44276585 FC8267-8		AECOM WURVS107 WUR05078 34 - 37 ft GW2204191320WB 4/19/2022 N No -83.361183 44.437322 2204244	Air Force WURVS107 WUR05078 34 - 37 ft 4/19/2022 N Yes -83.36103 44.43732	
Compound	Unit	Result	Result	RPD	Result	Result	Result	Result	RPD	Result	Result	RPD
PFBA	ng/l	51.4	47	9.4%	10.8	11.3	11 J	11.3 J	-1.8%	5.21	5.2 J	0.2%
PFPeA	ng/l	184	148	24.3%	37.8	36	33	33.7	14.5%	6.96	6.2 J	12.3%
PFHxA	ng/l	148	111	33.3%	26.5	28.8	25.6	26.3	3.5%	13.4	10.6	26.4%
PFHpA	ng/l	141	126	11.9%	21.7	22.1	19.4	19.9	11.9%	5.57	5.3 J	5.1%
PFOA	ng/l	149	138	8.0%	27.8	28.5	25.2	26	10.3%	45.5	41.6	9.4%
PFNA	ng/l	9.74	8.6	13.3%	1.95 J	2.01 J	< 4.3	< 4.2	---	< 0.973	< 4.2	---
PFDA	ng/l	< 0.972	< 4.2	---	< 0.981	< 1.00	< 4.3	< 4.2	---	< 0.973	< 4.2	---
PFUnA	ng/l	< 0.972	< 4.2	---	< 0.981	< 1.00	< 4.3	< 4.2	---	< 0.973	< 4.2	---
PFDoA	ng/l	< 0.972	< 4.2	---	< 0.981	< 1.00	< 4.3	< 4.2	---	< 0.973	< 4.2	---
PFTTrDA	ng/l	< 0.972	< 4.2	---	< 0.981	< 1.00	< 4.3	< 4.2	---	< 0.973	< 4.2	---
PFTeDA	ng/l	< 0.972	< 4.2	---	< 0.981	< 1.00	< 4.3	< 4.2	---	< 0.973	< 4.2	---
PFDS	ng/l	< 0.972	< 4.2	---	< 0.981	< 1.00	< 4.3	< 4.2	---	< 0.973	< 4.2	---
PFBS	ng/l	3.49 J	3.3 J	5.8%	3.06 J	2.71 J	2.5 J	2.6 J	22.4%	7.98	6.2 J	28.7%
PFPeS	ng/l	4.35	4 J	8.7%	3.49 J	3.33 J	4 J	3.9 J	-12.8%	4.68	4.2 J	11.4%
PFHxS	ng/l	125	127	-1.6%	115	132	100	109	15.0%	148	137	8.0%
PFHpS	ng/l	5.93	7.4 J	-19.9%	6.79	6.77	8.1 J	8.1 J	-16.2%	1.91 J	3.4 J	-43.8%
PFOS	ng/l	87.2	97.9	-10.9%	83.6 Q	82.3 Q	76.8	82.7	8.9%	14.6	14.8 J	-1.4%
PFNS	ng/l	< 0.972	< 4.2	---	< 0.981	< 1.00	< 4.3	< 4.2	---	< 0.973	< 4.2	---
PFOSA	ng/l	5.83	< 4.2	---	4.16	2.54 J	< 4.3	< 4.2	---	3.57 J, Q	< 4.2	---
4:2 FTSA	ng/l	< 0.972	< 8.3	---	< 0.981	< 1.00	< 8.7	< 8.3	---	< 0.973	< 8.3	---
6:2 FTSA	ng/l	82.1	89.3	-8.1%	1.64 J	1.57 J	< 8.7	< 8.3	---	< 0.973	< 8.3	---
8:2 FTSA	ng/l	< 0.972	< 8.3	---	< 0.981	< 1.00	< 8.7	< 8.3	---	< 0.973	< 8.3	---
NEtFOSAA	ng/l	< 0.972	< 8.3	---	< 0.981	< 1.00	< 8.7	< 8.3	---	< 0.973	< 8.3	---
NMeFOSAA	ng/l	< 0.972	< 8.3	---	< 0.981	< 1.00	< 8.7	< 8.3	---	< 0.973	< 8.3	---
Mean RPD				6.2%					5.6%			5.6%

Table 2
Vertical Aquifer Samples
2022-2023
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Longitude Latitude Lab Report		AECOM WURVS107 WUR05079 54 - 57 ft GW2204191551WB 4/19/2022 N No -83.3610306 44.43732317 2204244	Air Force WURVS107 WUR05080 54 - 57 ft 4/19/2022 N Yes -83.36103 44.43732 FA95068-17		AECOM WURVS123 WUR07028 25 - 28 ft GW2204121220JW 4/12/2022 N No -83.345922 44.453461 2204125	Air Force WURVS123 WUR07028 25 - 28 ft 4/12/2022 N Yes -83.34579 44.45354 FA94876-8		AECOM WURVS127 WUR06640 41 - 44 ft GW2205191155WB 5/19/2022 N No -83.353515 44.435604 2205215	Air Force WURVS127 WUR06640 41 - 44 ft 5/19/2022 N Yes -83.35336 44.4356 FA95920-5	Air Force WURVS127 WUR061202 41 - 44 ft 5/19/2022 FD Yes -83.35336 44.4356 FA95920-6	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	Result	RPD
PFBA	ng/l	69.2	60.6	14.2%	4	< 8.3	---	5.85	4.4 J	4.8 J	33.0%
PFPeA	ng/l	276	228	21.1%	2.4 J	2.5 J	-4.0%	8.16	7.3 J	7.7 J	11.8%
PFHxA	ng/l	198	144	37.5%	5.41	4.6 J	17.6%	20.5	14.1	14.7	45.4%
PFHpA	ng/l	31.8	26.8	18.7%	3.1 J	2.7 J	14.8%	6.74	5.6 J	5.9 J	20.4%
PFOA	ng/l	14.9	11.9	25.2%	12.9	13	-0.8%	17.7	15.2	15.9	16.4%
PFNA	ng/l	< 0.993	< 4.2	---	< 0.990	< 4.2	---	< 1.00	< 4	< 4	---
PFDA	ng/l	< 0.993	< 4.2	---	< 0.990	< 4.2	---	< 1.00	< 4	< 4	---
PFUnA	ng/l	< 0.993	< 4.2	---	< 0.990	< 4.2	---	< 1.00	< 4	< 4	---
PFDoA	ng/l	< 0.993	< 4.2	---	< 0.990	< 4.2	---	< 1.00	< 4	< 4	---
PFTTrDA	ng/l	< 0.993	< 4.2	---	< 0.990	< 4.2	---	< 1.00	< 4	< 4	---
PFTeDA	ng/l	< 0.993	< 4.2	---	< 0.990	< 4.2	---	< 1.00	< 4	< 4	---
PFDS	ng/l	< 0.993	< 4.2	---	< 0.990	< 4.2	---	< 1.00	< 4	< 4	---
PFBS	ng/l	26.9	21	28.1%	7.48	6.5 J	15.1%	16.2	13	13.8	24.6%
PFPeS	ng/l	22.8	21.6	5.6%	3.4 J	3.8 J	-10.5%	18.4	15.3	15.7	20.3%
PFHxS	ng/l	128	115	11.3%	66.4	63.3	4.9%	85.8	66.8	68.9	28.4%
PFHpS	ng/l	< 0.993	< 4.2	---	< 0.990	< 4.2	---	< 1.00	< 4	< 4	---
PFOS	ng/l	< 0.993	< 4.2	---	1.23 J, Q	< 4.2	---	< 1.00	< 4	< 4	---
PFNS	ng/l	< 0.993	< 4.2	---	< 0.990	< 4.2	---	< 1.00	< 4	< 4	---
PFOSA	ng/l	5.17	< 4.2	---	2.87 J, Q	< 21	---	3.66 J	< 4	< 4	---
4:2 FTSA	ng/l	< 0.993	< 8.3	---	< 0.990	< 8.3	---	< 1.00	< 8	< 8	---
6:2 FTSA	ng/l	< 0.993	< 8.3	---	< 0.990	< 8.3	---	< 1.00	< 8	< 8	---
8:2 FTSA	ng/l	< 0.993	< 8.3	---	< 0.990	< 8.3	---	< 1.00	< 8	< 8	---
NtEtFOSAA	ng/l	< 0.993	< 8.3	---	< 0.990	< 8.3	---	< 1.00	< 8	< 8	---
NMeFOSAA	ng/l	< 0.993	< 8.3	---	< 0.990	< 8.3	---	< 1.00	< 8	< 8	---
Mean RPD				20.2%			5.3%				25.0%

Table 2
Vertical Aquifer Samples
2022-2023
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Longitude Latitude Lab Report		AECOM WURVS130 WUR10097 12 - 15 ft GW2204271002WB 4/27/2022 N No -83.380429 44.464135 2204244	Air Force WURVS130 WUR10097 15 - 18 ft 4/27/2022 N Yes -83.38028 44.46414 FA95231-36		AECOM WURVS131 WUR05642 13 - 16 ft GW2204250920WB 4/25/2022 N No -83.37533366 44.45804274 2204244	Air Force WURVS131 WUR06642 13 - 16 ft 4/25/2022 N Yes -83.37533 44.45804 FA95231-1		AECOM WURVS139 WUR07116 61 - 64 ft GW2207131628JCW 7/13/2022 N No -83.339075 44.447963 2207213	Air Force WURVS139 WUR07116 61 - 64 ft 7/13/2022 N Yes -83.33892 44.44796 FA97372-7		AECOM WURVS141 WUR07126 32 - 35 ft GW2207191007JCW 7/19/2022 N No -83.34011661 44.44614764 2207213	Air Force WURVS141 WUR07128 32 - 35 ft 7/19/2022 N Yes -83.34012 44.44615 FA97552-2	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/l	1.72 J	< 8.3	---	1.26 J	< 8.3	---	< 1.03	< 8.7	---	2.33 J	< 8	---
PFPeA	ng/l	1.35 J	< 4.2	---	< 0.980	< 4.2	---	< 1.03	< 4.3	---	3.68 J	3.6 J	2.2%
PFHxA	ng/l	1.48 J, Q	< 4.2	---	1.55 J	< 4.2	---	< 1.03	< 4.3	---	5.57	5.7 J	-2.3%
PFHpA	ng/l	< 0.983	< 4.2	---	< 0.980	< 4.2	---	< 1.03	< 4.3	---	1.09 J	< 4	---
PFOA	ng/l	3.07 J	2.8 J	9.6%	2.17 J	< 4.2	---	< 1.03	< 4.3	---	1.94 J	2.1 J	-7.6%
PFNA	ng/l	< 0.983	< 4.2	---	< 0.980	< 4.2	---	< 1.03	< 4.3	---	< 0.992	< 4	---
PFDA	ng/l	< 0.983	< 4.2	---	< 0.980	< 4.2	---	< 1.03	< 4.3	---	< 0.992	< 4	---
PFUnA	ng/l	< 0.983	< 4.2	---	< 0.980	< 4.2	---	< 1.03	< 4.3	---	< 0.992	< 4	---
PFDoA	ng/l	< 0.983	< 4.2	---	< 0.980	< 4.2	---	< 1.03	< 4.3	---	< 0.992	< 4	---
PFTTrDA	ng/l	< 0.983	< 4.2	---	< 0.980	< 4.2	---	< 1.03	< 4.3	---	< 0.992	< 4	---
PFTeDA	ng/l	< 0.983	< 4.2	---	< 0.980	< 4.2	---	< 1.03	< 4.3	---	< 0.992	< 4	---
PFDS	ng/l	< 0.983	< 4.2	---	< 0.980	< 4.2	---	< 1.03	< 4.3	---	< 0.992	< 4	---
PFBS	ng/l	< 0.983	< 4.2	---	1.03 J	< 4.2	---	< 1.03	< 4.3	---	1.8 J	2.5 J	-28.0%
PFPeS	ng/l	< 0.983	< 4.2	---	< 0.980	< 4.2	---	< 1.03	< 4.3	---	< 0.992	< 4	---
PFHxS	ng/l	6.76	7.1 J	-4.8%	9.85	8.7	13.2%	< 1.03	< 4.3	---	5.1	5.8 J	-12.1%
PFHpS	ng/l	< 0.983	< 4.2	---	< 0.980	< 4.2	---	< 1.03	< 4.3	---	< 0.992	< 4	---
PFOS	ng/l	2.34 J	4.5 J	-48.0%	< 0.980	< 4.2	---	< 1.03	< 4.3	---	< 0.992	< 4	---
PFNS	ng/l	< 0.983	< 4.2	---	< 0.980	< 4.2	---	< 1.03	< 4.3	---	< 0.992	< 4	---
PFOSA	ng/l	1.95 J	< 4.2	---	< 0.980	< 4.2	---	1.36 J	< 4.3	---	< 0.992	< 4	---
4:2 FTSA	ng/l	< 0.983	< 8.3	---	< 0.980	< 8.3	---	< 1.03	< 8.7	---	< 0.992	< 8	---
6:2 FTSA	ng/l	< 0.983	< 8.3	---	< 0.980	< 8.3	---	< 1.03	< 8.7	---	< 0.992	< 8	---
8:2 FTSA	ng/l	< 0.983	< 8.3	---	< 0.980	< 8.3	---	< 1.03	< 8.7	---	< 0.992	< 8	---
NEtFOSAA	ng/l	< 0.983	< 8.3	---	< 0.980	< 8.3	---	< 1.03	< 8.7	---	< 0.992	< 8	---
NMeFOSAA	ng/l	< 0.983	< 8.3	---	< 0.980	< 8.3	---	< 1.03	< 8.7	---	< 0.992	< 8	---
Mean RPD				-14.4%			13.2%			---			-9.5%

Table 2
Vertical Aquifer Samples
2022-2023
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Longitude Latitude Lab Report		AECOM WURVS142 WUR07134 18 - 21 ft GW2207170950JCW	Air Force WURVS142 WUR07134 18 - 21 ft		AECOM WURVS149 WUR10613 34 - 37 ft GW2307131110WB	Air Force WURVS149 WUR10613 34 - 37 ft		AECOM WURVS168 WUR08737 13 - 16 ft GW2308100845JW	Air Force WURVS168 WUR08918 13 - 16 ft		AECOM WURVS174 WUR03638 25 - 28 ft GW2307261035WB	Air Force WURVS174 WUR03638 25 - 28 ft	
		7/17/2022 N No -83.333302 44.447653 2207213	7/17/2022 N Yes -83.33315 44.44765 FA97422-5		7/13/2023 N No -83.37801521 44.46524518 2307216	7/13/2023 N Yes -83.37801521 44.46524518 FC7849-6		8/10/2023 N No -83.37787116 44.45814037 2308160	8/10/2023 N Yes -83.37787116 44.45814037 FC8693-2		7/26/2023 N No -83.39713077 44.44154602 2308003	8/2/2023 N Yes -83.397131 44.441546 FC8431-3	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/l	3.39 J	< 8	---	< 0.997	< 8	---	6.3	5.3 J	18.9%	4.39	11.8 J	-62.8%
PFPeA	ng/l	5.15	5.1 J	1.0%	< 0.997	< 4	---	10.3	8.8	17.0%	3.28 J	21.2	-84.5%
PFHxA	ng/l	5.78	5.4 J	7.0%	< 0.997	< 4	---	16.5	13.7	20.4%	6.13	32.7	-81.3%
PFHpA	ng/l	1.22 J	< 4	---	< 0.997	< 4	---	33.7	27.7	21.7%	2.59 J	24	-89.2%
PFOA	ng/l	2.46 J	2.6 J	-5.4%	< 0.997	< 4	---	34.6	30.1	15.0%	9.29	43.1	-78.4%
PFNA	ng/l	< 0.976	< 4	---	< 0.997	< 4	---	27.4	20.7	32.4%	< 0.963	2.7 J	---
PFDA	ng/l	< 0.976	< 4	---	< 0.997	< 4	---	1.8 J	< 4	---	< 0.963	< 4	---
PFUnA	ng/l	< 0.976	< 4	---	< 0.997	< 4	---	< 0.988	< 4	---	< 0.963	< 4	---
PFDoA	ng/l	< 0.976	< 4	---	< 0.997	< 4	---	< 0.988	< 4	---	< 0.963	< 4	---
PFTTrDA	ng/l	< 0.976	< 4	---	< 0.997	< 4	---	< 0.988	< 4	---	< 0.963	< 4	---
PFTeDA	ng/l	< 0.976	< 4	---	< 0.997	< 4	---	< 0.988	< 4	---	< 0.963	< 4	---
PFDS	ng/l	< 0.976	< 4	---	< 0.997	< 4	---	< 0.988	< 4	---	< 0.963	< 4	---
PFBS	ng/l	4.56	4.5 J	1.3%	< 0.997	< 4	---	1.24 J	< 4	---	2.62 J	4.8 J	-45.4%
PFPeS	ng/l	< 0.976	< 4	---	< 0.997	< 4	---	< 0.988	< 4	---	4.65	11.5	-59.6%
PFHxS	ng/l	4.56	4.8 J	-5.0%	1.44 J	< 4	---	50.7	41.1	23.4%	132	346	-61.8%
PFHpS	ng/l	< 0.976	< 4	---	< 0.997	< 4	---	< 0.988	2.5 J	---	6.85	23.5	-70.9%
PFOS	ng/l	< 0.976	< 4	---	< 0.997	< 4	---	340	383	-11.2%	563	1280	-56.0%
PFNS	ng/l	< 0.976	< 4	---	< 0.997	< 4	---	< 0.988	< 4	---	< 0.963	< 4	---
PFOSA	ng/l	2.51 J, Q	< 4	---	2.54 J	< 4	---	< 0.988	< 4	---	2.83 J	< 4	---
4:2 FTSA	ng/l	< 0.976	< 8	---	< 0.997	< 8	---	< 0.988	< 8	---	< 0.963	< 8	---
6:2 FTSA	ng/l	< 0.976	< 8	---	< 0.997	< 8	---	1.02 J	< 8	---	< 0.963	< 8	---
8:2 FTSA	ng/l	< 0.976	< 8	---	< 0.997	< 8	---	44	47.5	-7.4%	< 0.963	< 8	---
NEtFOSAA	ng/l	< 0.976	< 8	---	< 0.997	< 8	---	< 0.988	< 8	---	< 0.963	< 8	---
NMeFOSAA	ng/l	< 0.976	< 8	---	< 0.997	< 8	---	< 0.988	< 8	---	< 0.963	< 8	---
Mean RPD				-0.2%			---			14.5%			-69.0%

Table 2
Vertical Aquifer Samples
2022-2023
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Longitude Latitude Lab Report		AECOM WURVS175 WUR03646 32 - 35 ft GW2307261256WB 7/26/2023 N No -83.40050088 44.43805423 2308003	Air Force WURVS175 WUR03646 32 - 35 ft 7/26/2023 N Yes -83.4005009 44.43805423 FC8230-5		AECOM WURVS193 WUR02684 18 - 21 ft GW2308081625JW 8/8/2023 N No -83.39667444 44.44945563 2308160	Air Force WURVS193 WUR02684 18 - 21 ft 8/8/2023 N Yes -83.39667444 44.44945563 FC8590-6	Air Force WURVS193 WUR02698 18 - 21 ft 8/8/2023 FD Yes -83.39667444 44.44945563 FC8590-7	
Compound	Unit	Result	Result	RPD	Result	Result	Result	RPD
PFBA	ng/l	8.35	8 J	4.4%	3.44 J	< 8	< 8	---
PFPeA	ng/l	20.9	7.6 J	175.0%	1.95 J	< 4	< 4	---
PFHxA	ng/l	27.3	22.3	22.4%	1.56 J, Q	< 4	< 4	---
PFHpA	ng/l	4.64	4.2 J	10.5%	1.21 J	< 4	< 4	---
PFOA	ng/l	16.6	13.6	22.1%	< 0.964	< 4	< 4	---
PFNA	ng/l	7.14	6.2 J	15.2%	< 0.964	< 4	< 4	---
PFDA	ng/l	4.07 J	4.1 J	-0.7%	< 0.964	< 4	< 4	---
PFUnA	ng/l	< 1.02	< 4	---	< 0.964	< 4	< 4	---
PFDaA	ng/l	< 1.02	< 4	---	< 0.964	< 4	< 4	---
PFTTrDA	ng/l	< 1.02	< 4	---	< 0.964	< 4	< 4	---
PFTeDA	ng/l	< 1.02	< 20	---	< 0.964	< 4	< 4	---
PFDS	ng/l	< 1.02	< 4	---	< 0.964	< 4	< 4	---
PFBS	ng/l	3.85 J	< 4	---	< 0.964	< 4	< 4	---
PFPeS	ng/l	2.19 J	2.1 J	4.3%	< 0.964	< 4	< 4	---
PFHxS	ng/l	29.9	25	19.6%	4.91	4.1 J	4.7 J	19.8%
PFHpS	ng/l	3.26 J	4.1 J	-20.5%	< 0.964	< 4	< 4	---
PFOS	ng/l	610	712	-14.3%	2.69 J	3.3 J	3.4 J	-18.5%
PFNS	ng/l	< 1.02	4.3 J	---	< 0.964	< 4	< 4	---
PFOSA	ng/l	38.3	54.7	-30.0%	< 0.964	< 4	< 4	---
4:2 FTSA	ng/l	< 1.02	< 8	---	< 0.964	< 8	< 8	---
6:2 FTSA	ng/l	6.61	5.9 J	12.0%	< 0.964	< 8	< 8	---
8:2 FTSA	ng/l	38.6	42	-8.1%	< 0.964	< 8	< 8	---
NEtFOSAA	ng/l	14.9	15.5 J	-3.9%	< 0.964	< 8	< 8	---
NMeFOSAA	ng/l	13.6	16	-15.0%	< 0.964	< 8	< 8	---
Mean RPD				12.1%				0.6%

Table 2
Vertical Aquifer Samples
2022-2023
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Longitude Latitude Lab Report		AECOM WURVS203 WUR12621 35 - 38 ft GW2309060930JW 9/6/2023 N No -83.37725864 44.47424815 2309075	Air Force WURVS203 WUR12621 35 - 38 ft 9/6/2023 N Yes -83.37725864 44.47424815 FC9435-1	Air Force WURVS203 WUR12632 35 - 38 ft 9/6/2023 FD Yes -83.37725864 44.47424815 FC9435-2		AECOM WURVS208 WUR03835 33 - 36 ft GW2309071152JW 9/7/2023 N No -83.41223881 44.43929162 2309075	Air Force WURVS208 WUR03835 33 - 36 ft 9/7/2023 N Yes -83.4122388 44.43929162 FC9433-3		Average of RPDs by Analyte
Compound	Unit	Result	Result	Result	RPD	Result	Result	RPD	
PFBA	ng/l	2.6 J	< 8	< 8	---	< 0.969	< 8	---	
PFPeA	ng/l	1.88 J	2 J	2.1 J	-6.0%	< 0.969	< 4	---	
PFHxA	ng/l	2.69 J, Q	2.5 J	2.6 J	7.6%	< 0.969	< 4	---	
PFHpA	ng/l	2.61 J	2.7 J	2.7 J	-3.3%	< 0.969	< 4	---	
PFOA	ng/l	11.9	9.7	9.9	22.7%	1.26 J	< 4	---	
PFNA	ng/l	< 1.03	< 4	< 4	---	< 0.969	< 4	---	
PFDA	ng/l	< 1.03	< 4	< 4	---	< 0.969	< 4	---	
PFUnA	ng/l	< 1.03	< 4	< 4	---	< 0.969	< 4	---	---
PFDoA	ng/l	< 1.03	< 4	< 4	---	< 0.969	< 4	---	---
PFTTrDA	ng/l	< 1.03	< 4	< 4	---	< 0.969	< 4	---	---
PFTeDA	ng/l	< 1.03	< 4	< 4	---	< 0.969	< 4	---	---
PFDS	ng/l	< 1.03	< 4	< 4	---	< 0.969	< 4	---	---
PFBS	ng/l	< 1.03	< 4	< 4	---	< 0.969	< 4	---	5.84%
PFPeS	ng/l	< 1.03	< 4	< 4	---	< 0.969	< 4	---	-2.42%
PFHxS	ng/l	50	43.1	44	16.0%	1.9 J	2 J	-5.0%	4.74%
PFHpS	ng/l	1.31 J	< 4	< 4	---	< 0.969	< 4	---	-34.24%
PFOS	ng/l	10.1	14.2	14.2	-28.9%	3.77 J	5 J	-24.6%	-19.78%
PFNS	ng/l	< 1.03	< 4	< 4	---	< 0.969	< 4	---	---
PFOSA	ng/l	3.37 J, Q	< 4	< 4	---	2.88 J, Q	< 4	---	-29.98%
4:2 FTSA	ng/l	< 1.03	< 8	< 8	---	< 0.969	< 8	---	---
6:2 FTSA	ng/l	< 1.03	< 8	< 8	---	< 0.969	< 8	---	7.03%
8:2 FTSA	ng/l	< 1.03	< 8	< 8	---	< 0.969	< 8	---	-7.73%
NEtFOSAA	ng/l	< 1.03	< 8	< 8	---	< 0.969	< 8	---	-3.87%
NMeFOSAA	ng/l	< 1.03	< 8	< 8	---	< 0.969	< 8	---	-15.00%
Mean RPD					1.3%			-14.8%	1.76%

Table 3
Vertical Aquifer Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Lab Report		AECOM WURVS001 WUR13032 14.5 - 16.0 ft GW2110091530JW 10/9/2021 N 2110124	Air Force WURVS001 WUR13032 16 9/10/2021 N Validated FA89752-3		AECOM WURVS004 WUR13048 18.5 - 20.0 ft GW2110061432JW 10/6/2021 N 2110124	Air Force WURVS004 WUR13048 20 6/10/2021 N Validated FA89687-3		AECOM WURVS005 WUR13052 10.0 - 13.0 ft GW2110131115JW 10/13/2021 N 2110124	Air Force WURVS005 WUR13052 12.5 N Validated FA89862-1	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/L	1.16 J	< 8.0	---	< 1.07	< 8.3	---	2.59 J	< 8.0	---
PFPeA	ng/L	1.43 J	< 4.0	---	< 1.07	< 4.2	---	< 1.03	< 4.0	---
PFHxA	ng/L	1.89 J	< 4.0	---	2.2 J	< 4.2	---	< 1.03	< 4.0	---
PFHpA	ng/L	< 1.00	< 4.0	---	1.65 J, Q	< 4.2	---	< 1.03	< 4.0	---
PFOA	ng/L	1.27 J	< 4.0	---	2.55 J	< 4.2	---	2.07 J	< 4.0	---
PFNA	ng/L	< 1.00	< 4.0	---	< 1.07	< 4.2	---	< 1.03	< 4.0	---
PFDA	ng/L	< 1.00	< 4.0	---	< 1.07	< 4.2	---	< 1.03	< 4.0	---
PFUnDA	ng/L	< 1.00	< 4.0	---	< 1.07	< 4.2	---	< 1.03	< 4.0	---
PFDoDA	ng/L	< 1.00	< 4.0	---	< 1.07	< 4.2	---	< 1.03	< 4.0	---
PFTTrDA	ng/L	< 1.00	< 4.0	---	< 1.07	< 4.2	---	< 1.03	< 4.0	---
PFTeDA	ng/L	< 1.00	< 4.0	---	< 1.07	< 4.2	---	< 1.03	< 4.0	---
PFBS	ng/L	4.6	3.5 J	31.4%	2.88 J	2.6 J	10.8%	< 1.03	< 4.0	---
PFPeS	ng/L	< 1.00	< 4.0	---	2.25 J	2.3 J	-2.2%	< 1.03	< 4.0	---
PFHxS	ng/L	1.8 J, Q	< 4.0	---	1.51 J, Q	2.3 J	-34.3%	4.84	5.2 J	-6.9%
PFHpS	ng/L	< 1.00	< 4.0	---	< 1.07	< 4.2	---	< 1.03	< 4.0	---
PFOS	ng/L	2.93 J	2.7 J	8.5%	< 1.07	< 4.2	---	< 1.03	< 4.0	---
PFNS	ng/L	< 1.00	< 4.0	---	< 1.07	< 4.2	---	< 1.03	< 4.0	---
PFDS	ng/L	< 1.00	< 4.0	---	< 1.07	< 4.2	---	< 1.03	< 4.0	---
PFOSA	ng/L	1.14 J, Q	< 4.0	---	7.55	< 4.2	---	< 1.03	< 4.0	---
4:2 FTSA	ng/L	< 1.00	< 8.0	---	< 1.07	< 8.3	---	< 1.03	< 8.0	---
6:2 FTSA	ng/L	< 1.00	< 8.0	---	2.74 J, Q	< 8.3	---	< 1.03	< 8.0	---
8:2 FTSA	ng/L	< 1.00	< 8.0	---	< 1.07	< 8.3	---	< 1.03	< 8.0	---
N-EtFOSAA	ng/L	< 1.00	< 8.0	---	< 1.07	< 8.3	---	< 1.03	< 8.0	---
N-MeFOSAA	ng/L	< 1.00	< 8.0	---	< 1.07	< 8.3	---	< 1.03	< 8.0	---
Mean RPD				19.97%			-8.58%			-6.92%

Table 3
Vertical Aquifer Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Lab Report		AECOM WURVS003 WUR13044 38.0 - 42.0 ft GW2111161335JW 11/16/2021 N 2111248	Air Force WURVS003 WUR13044 40 11/16/2021 N Validated FA90904-1		AECOM WURVS007 WUR12508 14.0 - 17.0 ft GW2111100821JW 11/10/2021 N 2111248	Air Force WURVS007 WUR121008 16 11/10/2021 N Validated FA90751-3	Air Force WURVS007 WUR121008 16 11/10/2021 FD Validated FA90751-4		AECOM WURVS008 WUR12515 42.0 - 45.0 ft GW2111081500JW 11/8/2021 N 2111137	Air Force WURVS008 WUR12515 44 11/8/2021 N Validated FA90703-3	
Compound	Unit	Result	Result	RPD	Result	Result	Result	RPD	Result	Result	RPD
PFBA	ng/L	4.29	< 8.3	---	1.17 J	< 8.0	< 8.0	---	< 1.00	< 8.0	---
PFPeA	ng/L	10.4	8.3	25.3%	1.02 J	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFHxA	ng/L	6.3	3.9 J	61.5%	4.2	5 J	5 J	-16.0%	< 1.00	< 4.0	---
PFHpA	ng/L	10.6	9.0	17.8%	< 0.907	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFOA	ng/L	17	13	30.8%	3.14 J	3.2 J	3 J	-1.9%	1.58 J	< 4.0	---
PFNA	ng/L	< 0.895	< 4.2	---	< 0.907	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFDA	ng/L	< 0.895	< 4.2	---	< 0.907	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFUnDA	ng/L	< 0.895	< 4.2	---	< 0.907	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFDoDA	ng/L	< 0.895	< 4.2	---	< 0.907	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFTTrDA	ng/L	< 0.895	< 4.2	---	< 0.907	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFTeDA	ng/L	< 0.895	< 4.2	---	< 0.907	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFBS	ng/L	< 0.895	< 4.2	---	< 0.907	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFPeS	ng/L	< 0.895	< 4.2	---	< 0.907	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFHxS	ng/L	10.4	8.2 J	26.8%	11.5	10.8	10.9	6.5%	1.68 J	< 4.0	---
PFHpS	ng/L	< 0.895	< 4.2	---	< 0.907	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFOS	ng/L	< 0.895	< 4.2	---	2.28 J	3.3 J	4 J	-30.9%	< 1.00	< 4.0	---
PFNS	ng/L	< 0.895	< 4.2	---	< 0.907	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFDS	ng/L	< 0.895	< 4.2	---	< 0.907	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFOSA	ng/L	3.62 Q	< 4.2	---	1.47 J	< 4.0	< 4.0	---	1.98 J	< 4.0	---
4:2 FTSA	ng/L	< 0.895	< 8.3	---	< 0.907	< 8.0	< 8.0	---	< 1.00	< 8.0	---
6:2 FTSA	ng/L	63.7	48.9	30.3%	< 0.907	< 8.0	< 8.0	---	< 1.00	< 8.0	---
8:2 FTSA	ng/L	< 0.895	< 8.3	---	< 0.907	< 8.0	< 8.0	---	< 1.00	< 8.0	---
N-EtFOSAA	ng/L	< 0.895	< 8.3	---	< 0.907	< 8.0	< 8.0	---	< 1.00	< 8.0	---
N-MeFOSAA	ng/L	< 0.895	< 8.3	---	< 0.907	< 8.0	< 8.0	---	< 1.00	< 8.0	---
Mean RPD				32.08%				-10.58%			---

Table 3
Vertical Aquifer Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Lab Report		AECOM WURVS010 WUR12524 27.0 - 30.0 ft GW2111081416JW 11/8/2021 N 2111137	Air Force WURVS010 WUR12524 29 11/8/2021 N Validated FA90700-4		AECOM WURVS018 WUR11531 27.0 - 30.0 ft GW2111171449JW 11/17/2021 N 2111248	Air Force WURVS018 WUR11531 29 11/17/2021 N Validated FA90956-3		AECOM WURVS020 WUR11542 38.0 - 41.0 ft GW2111301243JW 11/30/2021 N 2112065	Air Force WURVS020 WUR11542 40 11/30/2021 N Valiated FA91254-6	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/L	2.34 J	< 8.0	---	< 0.930	< 8.0	---	7.34	5.8 J	26.6%
PFPeA	ng/L	< 0.990	< 4.0	---	< 0.930	< 4.0	---	19	15.2	25.0%
PFHxA	ng/L	1.3 J	< 4.0	---	< 0.930	< 4.0	---	17.7	13.7	29.2%
PFHpA	ng/L	< 0.990	< 4.0	---	< 0.930	< 4.0	---	8.64	8.1	6.7%
PFOA	ng/L	1.7 J	< 4.0	---	9.01	7.3 J	23.4%	49	43.2	13.4%
PFNA	ng/L	< 0.990	< 4.0	---	< 0.930	< 4.0	---	1.25 J, Q	< 4.0	---
PFDA	ng/L	< 0.990	< 4.0	---	< 0.930	< 4.0	---	< 0.986	< 4.0	---
PFUnDA	ng/L	< 0.990	< 4.0	---	< 0.930	< 4.0	---	< 0.986	< 4.0	---
PFDoDA	ng/L	< 0.990	< 4.0	---	< 0.930	< 4.0	---	< 0.986	< 4.0	---
PFTTrDA	ng/L	< 0.990	< 4.0	---	< 0.930	< 4.0	---	< 0.986	< 4.0	---
PFTeDA	ng/L	< 0.990	< 4.0	---	< 0.930	< 4.0	---	< 0.986	< 4.0	---
PFBS	ng/L	< 0.990	< 4.0	---	1.16 J	< 4.0	---	6.34	6 J	5.7%
PFPeS	ng/L	< 0.990	< 4.0	---	< 0.930	< 4.0	---	6.68	8.4	-20.5%
PFHxS	ng/L	7.32	6 J	22.0%	28.1	23.6	19.1%	435	376	15.7%
PFHpS	ng/L	< 0.990	< 4.0	---	< 0.930	< 4.0	---	74.6	95.4	-21.8%
PFOS	ng/L	7.29	8.7 B	-16.2%	4.94	5.6 J	-11.8%	198	119	66.4%
PFNS	ng/L	< 0.990	< 4.0	---	< 0.930	< 4.0	---	< 0.986	< 4.0	---
PFDS	ng/L	< 0.990	< 4.0	---	< 0.930	< 4.0	---	< 0.986	< 4.0	---
PFOSA	ng/L	< 0.990	< 4.0	---	1.1 J	< 4.0	---	2.42 J, Q	< 4.0	---
4:2 FTSA	ng/L	< 0.990	< 8.0	---	< 0.930	< 8.0	---	< 0.986	< 8.0	---
6:2 FTSA	ng/L	< 0.990	< 8.0	---	< 0.930	< 8.0	---	1.73 J	< 8.0	---
8:2 FTSA	ng/L	< 0.990	< 8.0	---	< 0.930	< 8.0	---	< 0.986	< 8.0	---
N-EtFOSAA	ng/L	< 0.990	< 8.0	---	< 0.930	< 8.0	---	< 0.986	< 8.0	---
N-MeFOSAA	ng/L	< 0.990	< 8.0	---	< 0.930	< 8.0	---	< 0.986	< 8.0	---
Mean RPD				2.90%			10.24%			14.63%

Table 3
Vertical Aquifer Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Lab Report		AECOM WURVS023 WUR10036 28.0 - 31.0 ft GW2112151230WPS 12/15/2021 N 2112194	Air Force WURVS023 WUR10036 30 12/15/2021 N Validated FA91784-3		AECOM WURVS024 WUR10039 13.0 - 16.0 ft GW2112120857JW 12/12/2021 N 2112149	Air Force WURVS024 WUR10039 15 12/12/2021 N Validated FA91633-1	Air Force WURVS024 WUR10039 15 12/12/2021 FD Validated FA91633-1		AECOM WURVS024 WUR10041 33.0 - 36.0 ft GW2112121154JW 12/12/2021 N 2112149	Air Force WURVS024 WUR10041 35 12/12/2021 N Validated FA91633-5	
Compound	Unit	Result	Result	RPD	Result	Result	Result	RPD	Result	Result	RPD
PFBA	ng/L	88.1	78.7	11.9%	57.7	30.6 J	31	88.6%	1.75 J	< 8.0	---
PFPeA	ng/L	362	323	12.1%	161	81.9	81	96.6%	< 1.00	< 4.0	---
PFHxA	ng/L	260	222	17.1%	350	183	181	91.3%	< 1.00	< 4.0	---
PFHpA	ng/L	145	145	0.0%	77.5	43.5 J	43.6	78.2%	< 1.00	< 4.0	---
PFOA	ng/L	146	138	5.8%	157	84.5	86	85.8%	2.62 J	< 4.0	---
PFNA	ng/L	8	7.9 J	0.8%	12	< 40	< 40	---	< 1.00	< 4.0	---
PFDA	ng/L	< 1.02	< 4.0	---	3.85 J	2.1 J	2.4 J	83.3%	< 1.00	< 4.0	---
PFUnDA	ng/L	< 1.02	< 4.0	---	< 1.00	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFDODA	ng/L	< 1.02	< 4.0	---	< 1.00	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFTTrDA	ng/L	< 1.02	< 4.0	---	< 1.00	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFTeDA	ng/L	< 1.02	< 4.0	---	< 1.00	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFBS	ng/L	8.52	8.1	5.2%				94.2%	< 1.00	< 4.0	---
PFPeS	ng/L	15	14.7	2.0%	162	83.4	84	82.9%	< 1.00	< 4.0	---
PFHxS	ng/L	438	422	3.8%	225	123	124	90.9%	6.9	< 4.0	---
PFHpS	ng/L	36.2	50.5	-28.3%	2310 D	1,210	1,230	---	< 1.00	< 4.0	---
PFOS	ng/L	310	294	5.4%	43600 D	33,800	44,600	29.0%	51.2	17.3	196.0%
PFNS	ng/L	< 1.02	< 4.0	---	< 1.00	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFDS	ng/L	< 1.02	< 4.0	---	< 1.00	< 4.0	< 4.0	---	< 1.00	< 4.0	---
PFOSA	ng/L	< 1.02	< 4.0	---	< 1.00	3.9 J	3.9 J	---	1.91 J	< 4.0	---
4:2 FTSA	ng/L	< 1.02	< 8.0	---	< 1.00	< 8.0	< 8.0	---	< 1.00	< 8.0	---
6:2 FTSA	ng/L	445	329	35.3%	518	270	266	91.9%	< 1.00	< 8.0	---
8:2 FTSA	ng/L	< 1.02	< 8.0	---	505	272	281	85.7%	< 1.00	< 8.0	---
N-EtFOSAA	ng/L	< 1.02	< 8.0	---	< 1.00	< 8.0	< 8.0	---	< 1.00	< 8.0	---
N-MeFOSAA	ng/L	< 1.02	< 8.0	---	< 1.00	< 8.0	< 8.0	---	< 1.00	< 8.0	---
Mean RPD				5.92%				83.19%			195.95%

Table 3
Vertical Aquifer Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Lab Report		AECOM WURVS026 WUR10050 25.0 - 28.0 ft GW2112131518JW 12/13/2021 N 2112149	Air Force WURVS026 WUR10050 27 12/13/2021 N Validated FA91673-3		AECOM WURVS026 WUR10052 45.0 - 48.0 ft GW2112141116JW 12/14/2021 N 2112149	Air Force WURVS026 WUR10052 47 12/14/2021 N Validated FA91730-3		AECOM WURVS027 WUR10055 28.0 - 31.0 ft GW2112021317JW 12/2/2021 N 2112065	Air Force WURVS027 WUR10055 30 12/2/2021 N Validated FA91293-3	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/L	2.35 J	< 8.0	---	< 0.994	< 8.0	---	1.76 J	< 9.1	---
PFPeA	ng/L	2.1 J	< 4.0	---	< 0.994	< 4.0	---	2.29 J	< 4.5	---
PFHxA	ng/L	2.15 J	< 4.0	---	< 0.994	< 4.0	---	2.54 J, Q	< 4.5	---
PFHpA	ng/L	2.05 J	< 4.0	---	< 0.994	< 4.0	---	1.38 J	< 4.5	---
PFOA	ng/L	4.7	< 4.0	---	< 0.994	< 4.0	---	3.03 J	< 4.5	---
PFNA	ng/L	1 J	< 4.0	---	< 0.994	< 4.0	---	< 0.980	< 4.5	---
PFDA	ng/L	< 1.01	< 4.0	---	< 0.994	< 4.0	---	< 0.980	< 4.5	---
PFUnDA	ng/L	< 1.01	< 4.0	---	< 0.994	< 4.0	---	< 0.980	< 4.5	---
PFDoDA	ng/L	< 1.01	< 4.0	---	< 0.994	< 4.0	---	< 0.980	< 4.5	---
PFTTrDA	ng/L	< 1.01	< 4.0	---	< 0.994	< 4.0	---	< 0.980	< 4.5	---
PFTeDA	ng/L	< 1.01	< 4.0	---	< 0.994	< 4.0	---	< 0.980	< 4.5	---
PFBS	ng/L	1.38 J	< 4.0	---	< 0.994	< 4.0	---	1.17 J	< 4.5	---
PFPeS	ng/L	< 1.01	< 4.0	---	< 0.994	< 4.0	---	< 0.980	< 4.5	---
PFHxS	ng/L	12	6.7 J	79.1%	1.06 J	< 4.0	---	8.68 Q	8 J	8.5%
PFHpS	ng/L	1.86 J	< 4.0	---	< 0.994	< 4.0	---	< 0.980	< 4.5	---
PFOS	ng/L	120	< 4.0	---	1.07 J	< 4.0	---	6.24	7.3 J	-14.5%
PFNS	ng/L	< 1.01	< 4.0	---	< 0.994	< 4.0	---	< 0.980	< 4.5	---
PFDS	ng/L	< 1.01	< 4.0	---	< 0.994	< 4.0	---	< 0.980	< 4.5	---
PFOSA	ng/L	< 1.01	< 4.0	---	1.16 J	< 4.0	---	2.17 J, Q	< 4.5	---
4:2 FTSA	ng/L	< 1.01	< 8.0	---	< 0.994	< 8.0	---	< 0.980	< 9.1	---
6:2 FTSA	ng/L	< 1.01	< 8.0	---	< 0.994	< 8.0	---	< 0.980	< 9.1	---
8:2 FTSA	ng/L	< 1.01	< 8.0	---	< 0.994	< 8.0	---	< 0.980	< 9.1	---
N-EtFOSAA	ng/L	< 1.01	< 8.0	---	< 0.994	< 8.0	---	< 0.980	< 9.1	---
N-MeFOSAA	ng/L	< 1.01	< 8.0	---	< 0.994	< 8.0	---	< 0.980	< 9.1	---
Mean RPD				79.10%			---			-3.01%

Table 3
Vertical Aquifer Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Lab Report		AECOM WURVS027 WUR10057 48.0 - 51.0 ft GW2112021457JW 12/2/2021 N 2112065	Air Force WURVS027 WUR10057 50 12/2/2021 N Validated FA91293-5		AECOM WURVS032 WUR10080 24.0 - 27.0 ft GW2112010953JW 12/1/2021 N 2112065	Air Force WURVS032 WUR10080 26 12/1/2021 N Validated FA91262-2		AECOM WURVS039 WUR08509 44.0 - 47.0 ft GW2112061559JW 12/6/2021 N 2112149	Air Force WURVS039 WUR08509 46 12/6/2021 N Validated FA91371-7	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/L	< 0.989	< 9.1	---	1.89 J	< 8.0	---	< 1.02	< 9.1	---
PFPeA	ng/L	< 0.989	< 4.5	---	< 0.979	< 4.0	---	< 1.02	< 4.5	---
PFHxA	ng/L	< 0.989	< 4.5	---	< 0.979	< 4.0	---	< 1.02	< 4.5	---
PFHpA	ng/L	< 0.989	< 4.5	---	< 0.979	< 4.0	---	< 1.02	< 4.5	---
PFOA	ng/L	0.991 J, Q	< 4.5	---	1.99 J	< 4.0	---	2.06 J	< 4.5	---
PFNA	ng/L	< 0.989	< 4.5	---	< 0.979	< 4.0	---	< 1.02	< 4.5	---
PFDA	ng/L	< 0.989	< 4.5	---	< 0.979	< 4.0	---	< 1.02	< 4.5	---
PFUnDA	ng/L	< 0.989	< 4.5	---	< 0.979	< 4.0	---	< 1.02	< 4.5	---
PFDoDA	ng/L	< 0.989	< 4.5	---	< 0.979	< 4.0	---	< 1.02	< 4.5	---
PFTTrDA	ng/L	< 0.989	< 4.5	---	< 0.979	< 4.0	---	< 1.02	< 4.5	---
PFTeDA	ng/L	< 0.989	< 4.5	---	< 0.979	< 4.0	---	< 1.02	< 4.5	---
PFBS	ng/L	< 0.989	< 4.5	---	< 0.979	< 4.0	---	1.06 J	< 4.5	---
PFPeS	ng/L	< 0.989	< 4.5	---	< 0.979	< 4.0	---	< 1.02	< 4.5	---
PFHxS	ng/L	2.5 J	< 4.5	---	5.67	6.1 J	-7.0%	8.31	6.8 J	22.2%
PFHpS	ng/L	< 0.989	< 4.5	---	< 0.979	< 4.0	---	< 1.02	< 4.5	---
PFOS	ng/L	< 0.989	< 4.5	---	3.13 J	2.7 J	15.9%	11.1	7.9 J	40.5%
PFNS	ng/L	< 0.989	< 4.5	---	< 0.979	< 4.0	---	< 1.02	< 4.5	---
PFDS	ng/L	< 0.989	< 4.5	---	< 0.979	< 4.0	---	< 1.02	< 4.5	---
PFOSA	ng/L	2.28 J, Q	< 4.5	---	3.68 J, Q	< 4.0	---	1.42 J, Q	< 4.5	---
4:2 FTSA	ng/L	< 0.989	< 9.1	---	< 0.979	< 8.0	---	< 1.02	< 9.1	---
6:2 FTSA	ng/L	< 0.989	< 9.1	---	< 0.979	< 8.0	---	< 1.02	< 9.1	---
8:2 FTSA	ng/L	< 0.989	< 9.1	---	< 0.979	< 8.0	---	< 1.02	< 9.1	---
N-EtFOSAA	ng/L	< 0.989	< 9.1	---	< 0.979	< 8.0	---	< 1.02	< 9.1	---
N-MeFOSAA	ng/L	< 0.989	< 9.1	---	< 0.979	< 8.0	---	< 1.02	< 9.1	---
Mean RPD				---			4.44%			31.36%

Table 3
Vertical Aquifer Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Lab Report		AECOM WURVS039 WUR08507 24.0 - 27.0 ft GW2112061403JW 12/6/2021 N 2112149	Air Force WURVS039 WUR08507 26 12/6/2021 N Validated FA91371-4		AECOM WURVS040 WUR08512 24.0 - 27.0 ft GW2112091635JW 12/9/2021 N 2112149	Air Force WURVS040 WUR08512 26 12/9/2021 N Validated FA91582-7		AECOM WURVS041 WUR08516 14.0 - 17.0 ft GW2111160830BAP 11/16/2021 N 2111248	Air Force WURVS041 WUR08516 16 11/16/2021 N Validated FA90905-3	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/L	3.2 J	< 8.7	---	1.67 J	< 8.0	---	251	206	21.8%
PFPeA	ng/L	2.13 J	< 4.3	---	< 0.994	< 4.0	---	652	492	32.5%
PFHxA	ng/L	2.64 J	< 4.3	---	< 0.994	< 4.0	---	469	308	52.3%
PFHpA	ng/L	3.04 J	2.9 J	4.8%	< 0.994	< 4.0	---	591	455	29.9%
PFOA	ng/L	9.64	9.2	4.8%	1.63 J	2.2 J	-25.9%	1980 D	1,810	9.4%
PFNA	ng/L	3 J	3.3 J	4.8%	< 0.994	< 4.0	---	79	54.3	45.7%
PFDA	ng/L	< 1.01	< 4.3	---	< 0.994	< 4.0	---	< 0.871	< 4.2	---
PFUnDA	ng/L	< 1.01	< 4.3	---	< 0.994	< 4.0	---	< 0.871	< 4.2	---
PFDoDA	ng/L	< 1.01	< 4.3	---	< 0.994	< 4.0	---	< 0.871	< 4.2	---
PFTTrDA	ng/L	< 1.01	< 4.3	---	< 0.994	< 4.0	---	< 0.871	< 4.2	---
PFTeDA	ng/L	< 1.01	< 4.3	---	< 0.994	< 4.0	---	< 0.871	< 4.2	---
PFBS	ng/L	1.96 J	< 4.3	---	< 0.994	< 4.0	---	6.87	5.4 J	27.2%
PFPeS	ng/L	1.15 J	< 4.3	---	< 0.994	< 4.0	---	24.2	22.3	8.5%
PFHxS	ng/L	52.8	47.3	11.6%	17.7	15.5	14.2%	1620	1,510	7.3%
PFHpS	ng/L	2.27 J	< 4.3	---	< 0.994	< 4.0	---	200	251	-20.3%
PFOS	ng/L	422	483	-12.6%	32.7	43.9	-25.5%	965	1,110	-13.1%
PFNS	ng/L	< 1.01	< 4.3	---	< 0.994	< 4.0	---	< 0.871	< 4.2	---
PFDS	ng/L	< 1.01	< 4.3	---	< 0.994	< 4.0	---	< 0.871	< 4.2	---
PFOSA	ng/L	2.97 J	< 4.3	---	1.27 J	< 4.0	---	2.96 J, Q	< 4.2	---
4:2 FTSA	ng/L	< 1.01	< 8.7	---	< 0.994	< 8.0	---	< 0.871	< 8.3	---
6:2 FTSA	ng/L	< 1.01	< 8.7	---	< 0.994	< 8.0	---	4780 D	4700	1.7%
8:2 FTSA	ng/L	< 1.01	< 8.7	---	< 0.994	< 8.0	---	21.3	19.3	10.4%
N-EtFOSAA	ng/L	< 1.01	< 8.7	---	< 0.994	< 8.0	---	< 0.871	< 8.3	---
N-MeFOSAA	ng/L	< 1.01	< 8.7	---	< 0.994	< 8.0	---	< 0.871	< 8.3	---
Mean RPD				2.69%			-12.41%			16.41%

Table 3
Vertical Aquifer Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Lab Report		AECOM WURVS054 WUR06517 26.0 - 29.0 ft GW2112161133WPS 12/16/2021 N 2112194	Air Force WURVS054 WUR06517 28 12/16/2021 N Validated FA91830-2		AECOM WURVS056 WUR06527 24.0 - 27.0 ft GW2112151055JW 12/15/2021 N 2112149	Air Force WURVS056 WUR06527 26 12/15/2021 N Validated FA91783-2		AECOM WURVS062 WUR06547 27.0 - 30.0 ft GW2112161358WPS 12/16/2021 N 2112194	Air Force WURVS062 WUR06547 29 12/16/2021 N Validated FA91827-5	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/L	23.4	21.8 J	7.3%	10	9.9 J	1.0%	5.76	4.8 J	20.0%
PFPeA	ng/L	68.9	61.7 J	11.7%	13.1	12.1	8.3%	3.21 J	3.2 J	0.3%
PFHxA	ng/L	254	236	7.6%	24.9	21.9	13.7%	5.2	4.7 J	10.6%
PFHpA	ng/L	18.7	19.2 J	-2.6%	13.5	14.3	-5.6%	2.57 J	3 J	-14.3%
PFOA	ng/L	63.5	67.3 J	-5.6%	40.8	41.6	-1.9%	13.7	13.2	3.8%
PFNA	ng/L	5	< 42	---	1 J	< 4.2	---	< 0.990	< 4.0	---
PFDA	ng/L	1.85 J	< 4.2	---	< 0.981	< 4.2	---	< 0.990	< 4.0	---
PFUnDA	ng/L	< 0.966	< 4.2	---	< 0.981	< 4.2	---	< 0.990	< 4.0	---
PFDoDA	ng/L	< 0.966	< 4.2	---	< 0.981	< 4.2	---	< 0.990	< 4.0	---
PFTTrDA	ng/L	< 0.966	< 4.2	---	< 0.981	< 4.2	---	< 0.990	< 4.0	---
PFTeDA	ng/L	< 0.966	< 4.2	---	< 0.981	< 4.2	---	< 0.990	< 4.0	---
PFBS	ng/L	57.4	52.6 J	9.1%	31.4	29.4	6.8%	5.17	4.6 J	12.4%
PFPeS	ng/L	104	108 J	-3.7%	5.35	5.7 J	-6.1%	2.3 J	2.1 J	9.5%
PFHxS	ng/L	1430	1,420	0.7%	101	88.7	13.9%	66.2	64.5	2.6%
PFHpS	ng/L	890	507	75.5%	3.79 J	6.1 J	-37.9%	5.47	6.8 J	-19.6%
PFOS	ng/L	25300 D	46,600	-45.7%	236	242	-2.5%	483	503	-4.0%
PFNS	ng/L	< 0.966	111 J	---	< 0.981	< 4.2	---	< 0.990	< 4.0	---
PFDS	ng/L	< 0.966	< 4.2	---	< 0.981	< 4.2	---	< 0.990	< 4.0	---
PFOSA	ng/L	2.01 J, Q	< 4.2	---	1.76 J	< 4.2	---	3.83 J	< 4.0	---
4:2 FTSA	ng/L	< 0.966	< 8.3	---	< 0.981	< 8.3	---	< 0.990	< 8.0	---
6:2 FTSA	ng/L	281	254 J	10.6%	< 0.981	< 8.3	---	< 0.990	< 8.0	---
8:2 FTSA	ng/L	9.51	10.4 J	-8.6%	< 0.981	< 8.3	---	< 0.990	< 8.0	---
N-EtFOSAA	ng/L	< 0.966	< 8.3	---	< 0.981	< 8.3	---	< 0.990	< 8.0	---
N-MeFOSAA	ng/L	< 0.966	< 8.3	---	< 0.981	< 8.3	---	< 0.990	< 8.0	---
Mean RPD				4.70%			-1.04%			2.14%

Table 3
Vertical Aquifer Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Lab Report		AECOM WURVS110 WUR11552 38.0 - 41.0 ft GW2112121222JW 12/12/2021 N 2112149	Air Force WURVS110 WUR11552 40 12/12/2021 N Validated FA91634-4		AECOM WURVS115 WUR11566 30.0 - 33.0 ft GW2111031713JW 11/3/2021 N 2111137	Air Force WURVS115 WUR11566 32 11/3/2021 N Validated FA90512-4		AECOM WURVS122 WUR06632 16.0 - 19.0 ft GW2112171425WPS 12/17/2021 N 2112194	Air Force WURVS122 WUR06632 18 12/17/2021 N Validated FA91871-3	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/L	< 1.00	< 8.0	---	< 0.993	< 8.0	---	1.58 J	40	-96.1%
PFPeA	ng/L	< 1.00	< 4.0	---	< 0.993	< 4.0	---	< 0.966	151	---
PFHxA	ng/L	2.21 J	2.4 J	-7.9%	1.63 J	2 J	-18.5%	< 0.966	103	---
PFHpA	ng/L	1.36 J	< 4.0	---	< 0.993	< 4.0	---	< 0.966	51.8	---
PFOA	ng/L	15.4	14.6	5.5%	10.8	9.6	12.5%	< 0.966	47.9	---
PFNA	ng/L	< 1.00	< 4.0	---	< 0.993	< 4.0	---	< 0.966	11.3	---
PFDA	ng/L	< 1.00	< 4.0	---	< 0.993	< 4.0	---	< 0.966	< 4.2	---
PFUnDA	ng/L	< 1.00	< 4.0	---	< 0.993	< 4.0	---	< 0.966	< 4.2	---
PFDoDA	ng/L	< 1.00	< 4.0	---	< 0.993	< 4.0	---	< 0.966	< 4.2	---
PFTTrDA	ng/L	< 1.00	< 4.0	---	< 0.993	< 4.0	---	< 0.966	< 4.2	---
PFTeDA	ng/L	< 1.00	< 4.0	---	< 0.993	< 4.0	---	< 0.966	< 4.2	---
PFBS	ng/L	1.77 J	< 4.0	---	1.03 J	< 4.0	---	< 0.966	3.1 J	---
PFPeS	ng/L	1.07 J	< 4.0	---	< 0.993	< 4.0	---	< 0.966	4.3 J	---
PFHxS	ng/L	49.3	42.6	15.7%	53.8	48.4	11.2%	5.38	127	-95.8%
PFHpS	ng/L	< 1.00	< 4.0	---	< 0.993	< 4.0	---	< 0.966	8.5	---
PFOS	ng/L	< 1.00	4.4 J	---	18	19.8	-9.1%	1.5 J	496	-99.7%
PFNS	ng/L	< 1.00	< 4.0	---	< 0.993	< 4.0	---	< 0.966	< 4.2	---
PFDS	ng/L	< 1.00	< 4.0	---	< 0.993	< 4.0	---	< 0.966	< 4.2	---
PFOSA	ng/L	< 1.00	< 4.0	---	2.74 J	< 4.0	---	< 0.966	< 4.2	---
4:2 FTSA	ng/L	< 1.00	< 8.0	---	< 0.993	< 8.0	---	< 0.966	< 8.3	---
6:2 FTSA	ng/L	< 1.00	< 8.0	---	< 0.993	< 8.0	---	< 0.966	14.9 J	---
8:2 FTSA	ng/L	< 1.00	< 8.0	---	< 0.993	< 8.0	---	< 0.966	< 8.3	---
N-EtFOSAA	ng/L	< 1.00	< 8.0	---	< 0.993	< 8.0	---	< 0.966	< 8.3	---
N-MeFOSAA	ng/L	< 1.00	< 8.0	---	< 0.993	< 8.0	---	< 0.966	< 8.3	---
Mean RPD				4.43%			-0.98%			-97.17%

Table 3
Vertical Aquifer Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Lab Report		AECOM WURVS122 WUR06634 36.0 - 39.0 ft GW2112180940WPS 12/18/2021 N 2112194	Air Force WURVS122 WUR06634 38 12/18/2021 N Validated FA91870-2		AECOM WURVS128 WUR13067 11.0 - 14.0 ft GW2112061505WPS 12/6/2021 N 2112149	Air Force WURVS128 WUR13067 13 12/6/2021 N Validated FA91372-6		AECOM WURVS128 WUR13069 31.0 - 34.0 ft GW2112071020WPS 12/7/2021 N 2112149	Air Force WURVS128 WUR13069 33 12/7/2021 N Validated FA91436-1		Average of RPDs by Analyte
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	
PFBA	ng/L	10.5	8.7 J	20.7%	4.58	< 8.0	---	< 1.01	< 8.3	---	11.32%
PFPeA	ng/L	35.5	32.6	8.9%	7.45	< 4.0	---	< 1.01	< 4.2	---	24.51%
PFHxA	ng/L	30.3	26.6	13.9%	7.79	< 4.0	---	< 1.01	< 4.2	---	21.24%
PFHpA	ng/L	23.1	21.7	6.5%	2.25 J	< 4.0	---	< 1.01	< 4.2	---	12.12%
PFOA	ng/L	19.8	16.6	19.3%	4.41	< 4.0	---	< 1.01	< 4.2	---	11.94%
PFNA	ng/L	4 J	3.2 J	21.6%	< 0.979	< 4.0	---	< 1.01	< 4.2	---	18.21%
PFDA	ng/L	< 0.975	< 4.2	---	< 0.979	< 4.0	---	< 1.01	< 4.2	---	83.33%
PFUnDA	ng/L	< 0.975	< 4.2	---	< 0.979	< 4.0	---	< 1.01	< 4.2	---	---
PFDoDA	ng/L	< 0.975	< 4.2	---	< 0.979	< 4.0	---	< 1.01	< 4.2	---	---
PFTTrDA	ng/L	< 0.975	< 4.2	---	< 0.979	< 4.0	---	< 1.01	< 4.2	---	---
PFTeDA	ng/L	< 0.975	< 4.2	---	< 0.979	< 4.0	---	< 1.01	< 4.2	---	---
PFBS	ng/L	1.45 J	< 4.2	---	1.75 J	< 4.0	---	< 1.01	< 4.2	---	22.54%
PFPeS	ng/L	1.78 J	< 4.2	---	< 0.979	< 4.0	---	< 1.01	< 4.2	---	8.81%
PFHxS	ng/L	59	53.2	10.9%	9.96	< 4.0	---	< 1.01	< 4.2	---	10.37%
PFHpS	ng/L	4.02	5.2 J	-22.7%	< 0.979	< 4.0	---	< 1.01	< 4.2	---	-10.72%
PFOS	ng/L	302	275	9.8%	24.5	< 4.0	---	4.41	3.7 J	19.2%	5.01%
PFNS	ng/L	< 0.975	< 4.2	---	< 0.979	< 4.0	---	< 1.01	< 4.2	---	---
PFDS	ng/L	< 0.975	< 4.2	---	< 0.979	< 4.0	---	< 1.01	< 4.2	---	---
PFOSA	ng/L	1.37 J	< 4.2	---	1.11 J	< 4.0	---	1.52 J, Q	< 4.2	---	---
4:2 FTSA	ng/L	< 0.975	< 8.3	---	< 0.979	< 8.0	---	< 1.01	< 8.3	---	---
6:2 FTSA	ng/L	< 0.975	< 8.3	---	< 0.979	< 8.0	---	< 1.01	< 8.3	---	33.94%
8:2 FTSA	ng/L	< 0.975	< 8.3	---	< 0.979	< 8.0	---	< 1.01	< 8.3	---	29.16%
N-EtFOSAA	ng/L	< 0.975	< 8.3	---	< 0.979	< 8.0	---	< 1.01	< 8.3	---	---
N-MeFOSAA	ng/L	< 0.975	< 8.3	---	< 0.979	< 8.0	---	< 1.01	< 8.3	---	---
Mean RPD				9.87%			---			19.19%	15.33%

Table 4
Monitoring Well Samples
Former Wurtsmith Air Force Base

Sampler Monitoring Well ID EGLE Sample ID Sample Date Sample Type Validation Status Lab Report		AECOM H181D GW2108051430JM 8/5/2021 N 2108126	Air Force H181D 8/5/2021 N Validated FA87893-1		AECOM LF26-MW1 GW2108041431JM 8/4/2021 N 2108126	Air Force LF26-MW1 8/4/2021 N Validated FA87850-12		AECOM LF27-MW7D GW2108041432JM 8/4/2021 N 2108126	Air Force LF27-MW7D 8/4/2021 N Validated FA87850-11	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/L	4.68	5.4 J	-13.3%	< 1.03	< 8.0	---	< 1.04	< 8.0	---
PFPeA	ng/L	14.5	15.7	-7.6%	< 1.03	< 4.0	---	< 1.04	< 4.0	---
PFHxA	ng/L	19.7	18.4	7.1%	< 1.03	< 4.0	---	< 1.04	< 4.0	---
PFHpA	ng/L	18.2	19.8	-8.1%	< 1.03	< 4.0	---	< 1.04	< 4.0	---
PFOA	ng/L	31.1	31.9	-2.5%	< 1.03	< 4.0	---	2.28 J	< 4.0	---
PFNA	ng/L	< 0.986	< 4.0	---	< 1.03	< 4.0	---	< 1.04	< 4.0	---
PFDA	ng/L	< 0.986	< 4.0	---	< 1.03	< 4.0	---	< 1.04	< 4.0	---
PFUnDA	ng/L	< 0.986	< 4.0	---	< 1.03	< 4.0	---	< 1.04	< 4.0	---
PFDODA	ng/L	< 0.986	< 4.0	---	< 1.03	< 4.0	---	< 1.04	< 4.0	---
PFTTrDA	ng/L	< 0.986	< 4.0	---	< 1.03	< 4.0	---	< 1.04	< 4.0	---
PFTeDA	ng/L	< 0.986	< 4.0	---	< 1.03	< 4.0	---	< 1.04	< 4.0	---
PFBS	ng/L	4.86	5.7 J	-14.7%	< 1.03	< 4.0	---	< 1.04	< 4.0	---
PFPeS	ng/L	8.40	9.5	-11.6%	< 1.03	< 4.0	---	< 1.04	< 4.0	---
PFHxS	ng/L	152	143.0	6.3%	14.0	14.6	-4.1%	< 1.04	< 4.0	---
PFHpS	ng/L	< 0.986	< 4.0	---	< 1.03	< 4.0	---	< 1.04	< 4.0	---
PFOS	ng/L	1.63 J	< 4.0	---	1.86 J	< 4.0	---	6.39	< 4.0	---
PFNS	ng/L	< 0.986	< 4.0	---	< 1.03	< 4.0	---	< 1.04	< 4.0	---
PFDS	ng/L	< 0.986	< 4.0	---	< 1.03	< 4.0	---	< 1.04	< 4.0	---
PFOSA	ng/L	3.71 J	< 4.0	---	< 1.03	< 4.0	---	16.6	< 4.0	---
4:2 FTSA	ng/L	< 0.986	< 8.0	---	< 1.03	< 8.0	---	< 1.04	< 8.0	---
6:2 FTSA	ng/L	< 0.986	< 8.0	---	< 1.03	< 8.0	---	< 1.04	< 8.0	---
8:2 FTSA	ng/L	< 0.986	< 8.0	---	< 1.03	< 8.0	---	< 1.04	< 8.0	---
N-EtFOSAA	ng/L	< 0.986	< 8.0	---	< 1.03	< 8.0	---	< 1.04	< 8.0	---
N-MeFOSAA	ng/L	< 0.986	< 8.0	---	< 1.03	< 8.0	---	< 1.04	< 8.0	---
Mean RPD				-5.57%			-4.11%			---

Table 4
Monitoring Well Samples
Former Wurtsmith Air Force Base

Sampler Monitoring Well ID EGLE Sample ID Sample Date Sample Type Validation Status Lab Report		AECOM OT16-MW13 GW2108031247JM 8/3/2021 N 2108126	Air Force OT16-MW13 8/3/2021 N Validated FA87818-11		AECOM OT16-MW14 GW2108031440JM 8/3/2021 N 2108126	Air Force OT16-MW14 8/3/2021 N Validated FA87818-1		AECOM OT16-MW15 GW2108041048JM 8/4/2021 N 2108126	Air Force OT16-MW15 8/4/2021 N Validated FA87818-13	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/L	26.0	26.4	-1.5%	16.8	17.4	-3.4%	10.9	12.8 J	-14.8%
PFPeA	ng/L	33.6	30.6	9.8%	24.3	23.7	2.5%	9.57	9.3	2.9%
PFHxA	ng/L	17.4	15.2	14.5%	22.6	19.3	17.1%	9.33	8.8	6.0%
PFHpA	ng/L	5.18 Q	5.0 J	3.6%	3.34 J	3.4 J	-1.8%	2.45 J, Q	2.8 J	-12.5%
PFOA	ng/L	12.6	12.0	5.0%	15.0	12.1	24.0%	16.1	16.4	-1.8%
PFNA	ng/L	1.18 J, Q	< 4.0	---	< 1.05	< 4.0	---	2.34 J	< 4.0	---
PFDA	ng/L	< 1.01	< 4.0	---	< 1.05	< 4.0	---	< 1.02	< 4.0	---
PFUnDA	ng/L	< 1.01	< 4.0	---	< 1.05	< 4.0	---	< 1.02	< 4.0	---
PFDODA	ng/L	< 1.01	< 4.0	---	< 1.05	< 4.0	---	< 1.02	< 4.0	---
PFTTrDA	ng/L	< 1.01	< 4.0	---	< 1.05	< 4.0	---	< 1.02	< 4.0	---
PFTeDA	ng/L	< 1.01	< 4.0	---	< 1.05	< 4.0	---	< 1.02	< 4.0	---
PFBS	ng/L	< 1.01	< 4.0	---	< 1.05	< 4.0	---	< 1.02	< 4.0	---
PFPeS	ng/L	< 1.01	< 4.0	---	< 1.05	< 4.0	---	< 1.02	< 4.0	---
PFHxS	ng/L	28.1	29.1	-3.4%	14.7	15.2	-3.3%	39.0	38.5	1.3%
PFHpS	ng/L	2.91 J	4.4 J	-33.9%	< 1.05	< 4.0	---	1.65 J	3.7 J	-55.4%
PFOS	ng/L	240	278.0	-13.7%	7.38	8.2 J	-10.0%	136	169.0	-19.5%
PFNS	ng/L	< 1.01	< 4.0	---	< 1.05	< 4.0	---	< 1.02	< 4.0	---
PFDS	ng/L	< 1.01	< 4.0	---	< 1.05	< 4.0	---	< 1.02	< 4.0	---
PFOSA	ng/L	< 1.01	< 4.0	---	10.2	< 4.0	---	< 1.02	< 4.0	---
4:2 FTSA	ng/L	< 1.01	< 8.0	---	< 1.05	< 8.0	---	< 1.02	< 8.0	---
6:2 FTSA	ng/L	< 1.01	< 8.0	---	< 1.05	< 8.0	---	2.61 J, Q	< 8.0	---
8:2 FTSA	ng/L	< 1.01	< 8.0	---	< 1.05	< 8.0	---	< 1.02	< 8.0	---
N-EtFOSAA	ng/L	< 1.01	< 8.0	---	< 1.05	< 8.0	---	< 1.02	< 8.0	---
N-MeFOSAA	ng/L	< 1.01	< 8.0	---	< 1.05	< 8.0	---	< 1.02	< 8.0	---
Mean RPD				-2.45%			3.58%			-11.74%

Table 4
Monitoring Well Samples
Former Wurtsmith Air Force Base

Sampler Monitoring Well ID EGLE Sample ID Sample Date Sample Type Validation Status Lab Report		AECOM OT24-PZ16 GW2108051002JM 8/5/2021 N 2108126	Air Force OT24-PZ16 8/5/2021 N Validated FA87850-1		AECOM OT24-PZ15D GW2108051503JM 8/5/2021 N 2108126	Air Force OT24-PZ15D 8/5/2021 N Validated FA87893-3	
Compound	Unit	Result	Result	RPD	Result	Result	RPD
PFBA	ng/L	< 0.990	< 8.0	---	< 0.991	< 8.0	---
PFPeA	ng/L	< 0.990	< 4.0	---	< 0.991	< 4.0	---
PFHxA	ng/L	< 0.990	< 4.0	---	< 0.991	< 4.0	---
PFHpA	ng/L	< 0.990	< 4.0	---	< 0.991	< 4.0	---
PFOA	ng/L	< 0.990	< 4.0	---	< 0.991	< 4.0	---
PFNA	ng/L	< 0.990	< 4.0	---	< 0.991	< 4.0	---
PFDA	ng/L	< 0.990	< 4.0	---	< 0.991	< 4.0	---
PFUnDA	ng/L	< 0.990	< 4.0	---	< 0.991	< 4.0	---
PFDoDA	ng/L	< 0.990	< 4.0	---	< 0.991	< 4.0	---
PFTrDA	ng/L	< 0.990	< 4.0	---	< 0.991	< 4.0	---
PFTeDA	ng/L	< 0.990	< 4.0	---	< 0.991	< 4.0	---
PFBS	ng/L	< 0.990	< 4.0	---	< 0.991	< 4.0	---
PFPeS	ng/L	< 0.990	< 4.0	---	< 0.991	< 4.0	---
PFHxS	ng/L	< 0.990	< 4.0	---	< 0.991	< 4.0	---
PFHpS	ng/L	< 0.990	< 4.0	---	< 0.991	< 4.0	---
PFOS	ng/L	2.47 J	< 4.0	---	1.69 J, Q	< 4.0	---
PFNS	ng/L	< 0.990	< 4.0	---	< 0.991	< 4.0	---
PFDS	ng/L	< 0.990	< 4.0	---	< 0.991	< 4.0	---
PFOSA	ng/L	2.07 J	< 4.0	---	< 0.991	< 4.0	---
4:2 FTSA	ng/L	< 0.990	< 8.0	---	< 0.991	< 8.0	---
6:2 FTSA	ng/L	< 0.990	< 8.0	---	1.02 J, Q	< 8.0	---
8:2 FTSA	ng/L	< 0.990	< 8.0	---	< 0.991	< 8.0	---
N-EtFOSAA	ng/L	< 0.990	< 8.0	---	< 0.991	< 8.0	---
N-MeFOSAA	ng/L	< 0.990	< 8.0	---	< 0.991	< 8.0	---
Mean RPD				---			---

Table 4
Monitoring Well Samples
Former Wurtsmith Air Force Base

Sampler Monitoring Well ID EGLE Sample ID Sample Date Sample Type Validation Status Lab Report		AECOM OT24-PZ15S GW2108051204JM 8/5/2021 N 2108126	Air Force OT24-PZ15S 8/5/2021 N Validated FA87893-5		AECOM W409D GW2108040915JM 8/4/2021 N 2108126	Air Force W409D 8/4/2021 N Validated FA87850-8		Average of RPDs by Analyte
Compound	Unit	Result	Result	RPD	Result	Result	RPD	
PFBA	ng/L	< 1.01	< 8.0	---	2.34 J	< 8.0	---	
PFPeA	ng/L	< 1.01	< 4.0	---	7.23	7.9 J	-8.5%	-0.18%
PFHxA	ng/L	< 1.01	< 4.0	---	5.56	5.6 J	-0.7%	8.79%
PFHpA	ng/L	< 1.01	< 4.0	---	3.69 J	3.5 J	5.4%	-2.66%
PFOA	ng/L	< 1.01	< 4.0	---	10.5	5.9 J	78.0%	20.52%
PFNA	ng/L	< 1.01	< 4.0	---	< 1.01	< 4.0	---	---
PFDA	ng/L	< 1.01	< 4.0	---	< 1.01	< 4.0	---	---
PFUnDA	ng/L	< 1.01	< 4.0	---	< 1.01	< 4.0	---	---
PFDoDA	ng/L	< 1.01	< 4.0	---	< 1.01	< 4.0	---	---
PFTTrDA	ng/L	< 1.01	< 4.0	---	< 1.01	< 4.0	---	---
PFTeDA	ng/L	< 1.01	< 4.0	---	< 1.01	< 4.0	---	---
PFBS	ng/L	< 1.01	< 4.0	---	< 1.01	< 4.0	---	---
PFPeS	ng/L	< 1.01	< 4.0	---	< 1.01	< 4.0	---	---
PFHxS	ng/L	< 1.01	< 4.0	---	< 1.01	< 4.0	---	---
PFHpS	ng/L	< 1.01	< 4.0	---	< 1.01	< 4.0	---	---
PFOS	ng/L	1.37 J, Q	< 4.0	---	4.26	< 4.0	---	---
PFNS	ng/L	< 1.01	< 4.0	---	< 1.01	< 4.0	---	---
PFDS	ng/L	< 1.01	< 4.0	---	< 1.01	< 4.0	---	---
PFOSA	ng/L	< 1.01	< 4.0	---	30.2	< 4.0	---	---
4:2 FTSA	ng/L	< 1.01	< 8.0	---	1.24 J	< 8.0	---	---
6:2 FTSA	ng/L	2.11 J	< 8.0	---	108	128.0	-15.6%	-15.63%
8:2 FTSA	ng/L	< 1.01	< 8.0	---	2.04 J	5.6 J	-63.6%	-63.57%
N-EtFOSAA	ng/L	< 1.01	< 8.0	---	< 1.01	< 8.0	---	---
N-MeFOSAA	ng/L	< 1.01	< 8.0	---	< 1.01	< 8.0	---	---
Mean RPD				---			-0.83%	-3.52%

Table 5
Soil Samples
2023
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Longitude Latitude Lab Report		AECOM WURSB268 WUR03964 0.5 - 2 ft SB2308090943JW 8/9/2023 N No -83.40175783 44.44074245 2308160	Air Force WURSB268 WUR03694 0.5 - 2 ft 8/9/2023 N Yes -83.40175783 44.44074245 2308125-06		AECOM WURSB269 WUR03701 0.5 - 2 ft SB2308081018JW 8/8/2023 N No -83.40509793 44.4398696 2308160	Air Force WURSB269 WUR03701 0.5 - 2 ft 8/8/2023 N Yes -83.40509793 44.4398696 2308089-02	
Compound	Unit	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFPeA	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFHxA	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFHpA	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFOA	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFNA	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFDA	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFUnA	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFDoA	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFTrDA	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFTeDA	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFDS	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFBS	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFPeS	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFHxS	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFHpS	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFOS	ng/g	1.86 J	1.78 J	4.5%	1.23 J	0.847 J	45.2%
PFNS	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
PFOSA	ng/g	0.544 J	< 0.983	---	< 0.475	< 0.999	---
4:2 FTSA	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
6:2 FTSA	ng/g	7.01	8.03	-12.7%	4.55	4.88	-6.8%
8:2 FTSA	ng/g	0.721 J	0.944 J	-23.6%	< 0.475	< 0.999	---
NEtFOSAA	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
NMeFOSAA	ng/g	< 0.501	< 0.983	---	< 0.475	< 0.999	---
Mean RPD				-10.6%			19.2%

Table 5
Soil Samples
2023
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Longitude Latitude Lab Report		AECOM WURSB322 WUR03819 0 - 0.5 ft SB2308231538JW 8/23/2023 N No -83.36576123 44.45611118 2309011	Air Force WURSB322 WUR08819 0 - 0.5 ft 8/23/2023 N Yes -83.36576123 44.45611118 2308254-14		AECOM WURSB333 WUR05673 0.5 - 2 ft SB2308241144JW 8/24/2023 N No -83.38863157 44.45345195 2309011	Air Force WURSB333 WUR05673 0.5 - 2 ft 8/24/2023 N Yes -83.38863157 44.45345195 2308260-09		AECOM WURSB335 WUR02726 0 - 0.5 ft SB2308241042JW 8/24/2023 N No -83.38957624 44.45301726 2309011	Air Force WURSB335 WUR02726 0 - 0.5 ft 8/24/2023 N Yes -83.38957624 44.45301726 2308260-02	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFPeA	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFHxA	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFHpA	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFOA	ng/g	0.665 J	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFNA	ng/g	< 0.501	0.651 J	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFDA	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFUnA	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFDoA	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFTTrDA	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFTeDA	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFDS	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFBS	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFPeS	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFHxS	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFHpS	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFOS	ng/g	9.22	8.06	14.4%	0.685 J	0.826 J	-17.1%	< 0.493	0.525 J	---
PFNS	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
PFOSA	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
4:2 FTSA	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
6:2 FTSA	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
8:2 FTSA	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
NEtFOSAA	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
NMeFOSAA	ng/g	< 0.501	< 1.00	---	< 0.492	< 0.998	---	< 0.493	< 1.00	---
Mean RPD				14.4%			-17.1%			---

Table 5
Soil Samples
2023
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validation Status Longitude Latitude Lab Report		AECOM WURSB344 WUR13716 5 - 7 ft SB2309081354JW 9/8/2023 N No -83.38893666 44.47476949 2309075	Air Force WURSB344 WUR13716 5 - 7 ft 9/8/2023 N Yes -83.38893666 44.47476949 2309073-18		AECOM WURSB345 WUR13718 0.5 - 2 ft SB2309081257JW 9/8/2023 N No -83.38886456 44.47472449 2309075	Air Force WURSB345 WUR13718 0.5 - 2 ft 9/8/2023 N Yes -83.38886456 44.47472449 2309073-12		Average of RPDs by Analyte
Compound	Unit	Result	Result	RPD	Result	Result	RPD	
PFBA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFPeA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFHxA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFHpA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFOA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFNA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFDA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFUnA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFDoA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFTrDA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFTeDA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFDS	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFBS	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFPeS	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFHxS	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFHpS	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFOS	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	11.76%
PFNS	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
PFOSA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
4:2 FTSA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
6:2 FTSA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	-9.73%
8:2 FTSA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	-23.62%
NEtFOSAA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
NMeFOSAA	ng/g	< 0.496	< 0.962	---	< 0.479	< 0.999	---	---
Mean RPD				---			---	1.48%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB003 WUR13512 2 - 4 ft SB2108251336JW 8/25/2021 N 2109019	Air Force WURSB003 WUR13512 2 - 4 8/25/2021 N Validated FA88451-14		AECOM WURSB005 WUR13521 0.5 - 2 ft SB2108271134JM 8/27/2021 N 2109019	Air Force WURSB005 WUR13521 0.5 - 2 8/27/2021 N Validated FA88487-22		AECOM WURSB007 WUR13532 0.5 - 2 ft SB2108261132JM 8/26/2021 N 2109019	Air Force WURSB007 WUR13532 0.5 - 2 8/26/2021 N Validated FA88451-11		AECOM WURSB007 WUR13535 7 - 9 ft SB2108261154JM 8/26/2021 N 2109019	Air Force WURSB007 WUR13535 7 - 9 8/26/2021 N Validated FA88451-28	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
PFPeA	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
PFHxA	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	0.45 J	---	< 0.482	< 0.52	---
PFHpA	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
PFOA	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	0.927 J	0.93 J	-0.32%	< 0.482	< 0.52	---
PFNA	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
PFDA	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
PFUnDA	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
PFDoDA	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
PFTTrDA	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
PFTeDA	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
PFBS	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
PFPeS	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
PFHxS	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	3.25	3.5	-7.14%	0.50 J	0.52 J	-3.27%
PFHpS	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
PFOS	ng/g	< 0.485	< 0.51	---	11.4	14.3	-20.28%	< 0.499	< 0.52	---	< 0.482	< 0.52	---
PFNS	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
PFDS	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
PFOSA	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
4:2 FTSA	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
6:2 FTSA	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
8:2 FTSA	ng/g	< 0.485	< 0.51	---	< 0.483	< 0.50	---	< 0.499	< 0.52	---	< 0.482	< 0.52	---
N-EtFOSAA	ng/g	< 0.485	< 2.50	---	< 0.483	< 0.50	---	< 0.499	< 2.60	---	< 0.482	< 0.52	---
N-MeFOSAA	ng/g	< 0.493	< 2.50	---	< 0.484	< 0.50	---	< 0.487	< 2.60	---	< 0.494	< 0.52	---
Mean RPD							-20.28%			-3.73%			-3.27%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler		AECOM	Air Force		AECOM	Air Force		AECOM	Air Force	Air Force		AECOM	Air Force	
Air Force Station ID		WURSB008	WURSB008		WURSB008	WURSB008		WURSB013	WURSB013	WURSB013		WURSB016	WURSB016	
Air Force Sample ID		WUR13537	WUR13537		WUR13539	WUR13539		WUR11709	WUR11709	WUR11709A		WUR11724A	WUR11724A	
Sample Interval (ft bgs)		0.5 - 2 ft	0.5 - 2		5 - 7 ft	5 - 7		10 - 12 ft	10 - 12	10 - 12		14 - 16 ft	14 - 16	
EGLE Sample ID		SB2108270842JM			SB2108270902JM			SB2112021350WPS				SB2112011435WPS		
Sample Date		8/27/2021	8/27/2021		8/27/2021	8/27/2021		12/2/2021	12/2/2021	12/2/2021		12/1/2021	12/1/2021	
Sample Type		N	N		N	N		N	N	FD		N	N	
Validated			Validated			Validated			Validated	Validated			Validated	
Lab Report		2109019	FA88487-12		2109019	FA88487-14		2112065	FA91291-13	FA91291-14		2112065	FA91252-7	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFPeA	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFHxA	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFHpA	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFOA	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFNA	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFDA	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFUnDA	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFDODA	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFTTrDA	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFTeDA	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFBS	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFPeS	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFHxS	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFHpS	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFOS	ng/g	0.9 J	1.2	-28.67%	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFNS	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFDS	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
PFOSA	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
4:2 FTSA	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
6:2 FTSA	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
8:2 FTSA	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
N-EtFOSAA	ng/g	< 0.490	< 0.49	---	< 0.497	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
N-MeFOSAA	ng/g	< 0.475	< 0.49	---	< 0.491	< 0.52	---	< 0.492	< 0.54	< 0.53	---	< 0.479	< 0.57	---
Mean RPD				-28.67%										

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

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[illegible]

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB026 WUR11781 0.5 - 2 ft SB2109160945WPS 9/16/2021 N 2109149	Air Force WURSB028 WUR11781 0.5 - 2 9/16/2021 N Validated FA89022-8		AECOM WURSB028 WUR11783 5 - 7 ft SB2109160958WPS 9/16/2021 N 2109149	Air Force WURSB028 WUR11783 5 - 7 9/16/2021 N Validated FA89022-10		AECOM WURSB031 WUR10511 0.5 - 2 ft SB2110211009JW 10/21/2021 N 2110250	Air Force WURSB031 WUR10511 0.5 - 2 10/21/2021 N Validated FA90117-8		AECOM WURSB035 WUR10532 0.5 - 2 ft SB2110220948JW 10/22/2021 N 2110250	Air Force WUR10532 0.5 - 2 10/22/2021 N Validated FA90172-7	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.20	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFPeA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.20	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFHxA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.20	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFHpA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFOA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFNA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFDA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFUnDA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFDoDA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFTTrDA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFTeDA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFBS	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFPeS	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFHxS	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFHpS	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFOS	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	6.81	5.5	23.82%	< 0.500	1.1	---
PFNS	ng/g	< 0.486	< 5.20	---	< 0.501	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFDS	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
PFOSA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
4:2 FTSA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
6:2 FTSA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
8:2 FTSA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
N-EtFOSAA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
N-MeFOSAA	ng/g	< 0.482	< 5.20	---	< 0.482	< 5.10	---	< 0.479	< 0.53	---	< 0.500	< 0.53	---
Mean RPD										23.82%			

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

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Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB041 WUR08032 14 - 16 ft SB2109151514WPS 9/15/2021 N 2109149	Air Force WURSB041 WUR08032-A 14 - 16 9/15/2021 N Validated FA89024-40		AECOM WURSB043 WUR08039 0.5 - 2 ft SB2109081042JM 9/8/2021 N 2109117	Air Force WURSB043 WUR08039 0.5 - 2 9/8/2021 N Validated FA88785-5		AECOM WURSB043 WUR08042 10 - 12 ft SB2109081120JM 9/8/2021 N 2109117	Air Force WURSB043 WUR08042 10 - 12 9/8/2021 N Validated FA88785-8		AECOM WURSB049 WUR08070 0.5 - 2 ft SB2109111302JW 9/11/2021 N 2109117	Air Force WURSB049 WUR08070 0.5 - 2 9/11/2021 N Validated FA88935-27	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFPeA	ng/g	< 0.481	< 5.2	---	< 0.476	< 2.5	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFHxA	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFHpA	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFOA	ng/g	1.56 J	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFNA	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFDA	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFUnDA	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFDoDA	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFTTrDA	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFTeDA	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFBS	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFPeS	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFHxS	ng/g	7.64	6.0	27.33%	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFHpS	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFOS	ng/g	< 0.481	< 5.2	---	6.23	7.9	-21.14%	12.1	17.3	-30.06%	< 0.494	< 4.9	---
PFNS	ng/g	< 0.490	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFDS	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
PFOSA	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
4:2 FTSA	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
6:2 FTSA	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
8:2 FTSA	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
N-EtFOSAA	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
N-MeFOSAA	ng/g	< 0.481	< 5.2	---	< 0.476	< 0.50	---	< 0.498	< 0.49	---	< 0.494	< 4.9	---
Mean RPD				27.33%			-21.14%			-30.06%			

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB049 WUR08073 10 - 12 ft SB2109111323JW 9/11/2021 N 2109117	Air Force WURSB049 WUR08073 10 - 12 9/11/2021 N Validated FA88935-31		AECOM WURSB051 WUR08080 0.5 - 2 ft SB2109011000JW 9/1/2021 N 2109038	Air Force WURSB051 WUR08080 0.5 - 2 9/1/2021 N Validated FA88635-12		AECOM WURSB051 WUR08083 10 - 12 ft SB2109011048JW 9/1/2021 N 2109038	Air Force WURSB051 WUR08083 10 - 12 9/1/2021 N Validated FA88635-16		AECOM WURSB056 WUR08105 0.5 - 2 ft SB2108311116JW 8/31/2021 N 2109038	Air Force WURSB056 WUR08105 0.5 - 2 8/31/2021 N Validated FA88616-14	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	< 0.51	---
PFPeA	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	0.38 J	---
PFHxA	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	0.30 J	---
PFHpA	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	0.66 J	---
PFOA	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	1.03 J	1.0	3.00%
PFNA	ng/g	< 0.495	< 5.3	---	2.4	2.2	9.09%	< 0.493	< 0.52	---	2.59	2.3	12.61%
PFDA	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	0.72 J	---
PFUnDA	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	< 0.51	---
PFDODA	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	< 0.51	---
PFTTrDA	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	< 0.51	---
PFTeDA	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	< 0.51	---
PFBS	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	< 0.51	---
PFPeS	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	< 0.51	---
PFHxS	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	3.7	3.8	-2.63%
PFHpS	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	< 0.51	---
PFOS	ng/g	< 0.495	< 5.3	---	1.28 J	2.3 J	-44.35%	< 0.493	< 0.52	---	40.4	50.7	-20.32%
PFNS	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	4.7	---
PFDS	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	0.32 J	---
PFOSA	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	1.1 J	1.1	0.00%
4:2 FTSA	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	< 0.51	---
6:2 FTSA	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	21.3	0.92 J	2215%
8:2 FTSA	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	7.48	5.8	28.97%
N-EtFOSAA	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	< 0.51	---
N-MeFOSAA	ng/g	< 0.495	< 5.3	---	< 0.500	< 0.49	---	< 0.493	< 0.52	---	< 0.492	< 2.6	---
Mean RPD							-17.63%						319.55%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB056 WUR08108 10 - 12 ft SB2108311157JW 8/31/2021 N 2109038	Air Force WURSB056 WUR08108 10 - 12 8/31/2021 N Validated FA88616-18		AECOM WURSB059 WUR08120 0.5 - 2 ft SB2108301504JW 8/30/2021 N 2109038	Air Force WURSB059 WUR08120 0.5 - 2 8/30/2021 N Validated FA88582-18		AECOM WURSB059 WUR08123 10 - 12 ft SB2108301554JW 8/30/2021 N 2109038	Air Force WURSB059 WUR08123 10 - 12 8/30/2021 N Validated FA88582-22		AECOM WURSB062 WUR08135 0.5 - 2 ft SB2108301011JW 8/30/2021 N 2109038	Air Force WURSB062 WUR08135 0.5 - 2 8/30/2021 N Validated FA88582-2	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.499	< 0.52	---	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
PFPeA	ng/g	< 0.499	< 0.52	---	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
PFHxA	ng/g	< 0.499	< 0.52	---	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
PFHpA	ng/g	< 0.499	< 0.52	---	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
PFOA	ng/g	0.576 J, Q	0.64 J	-10.00%	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
PFNA	ng/g	< 0.499	< 0.52	---	< 0.499	0.31 J	---	< 0.498	< 0.51	---	4.73	3.3	43.33%
PFDA	ng/g	< 0.499	< 0.52	---	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
PFUnDA	ng/g	< 0.499	< 0.52	---	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
PFDoDA	ng/g	< 0.499	< 0.52	---	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
PFTTrDA	ng/g	< 0.499	< 0.52	---	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
PFTeDA	ng/g	< 0.499	< 0.52	---	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
PFBS	ng/g	< 0.499	< 0.52	---	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
PFPeS	ng/g	< 0.499	< 0.52	---	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
PFHxS	ng/g	2.07	2.2	-5.91%	0.968 J	0.85 J	13.88%	0.607 J, Q	0.43 J	41.16%	< 0.483	< 0.54	---
PFHpS	ng/g	< 0.499	< 0.52	---	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
PFOS	ng/g	43.4	60.9	-28.74%	197	195.0	1.03%	18.6	25.8	-27.91%	14.3	16.9	-15.38%
PFNS	ng/g	< 0.499	< 0.52	---	< 0.499	2.4	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
PFDS	ng/g	< 0.499	< 0.52	---	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
PFOSA	ng/g	< 0.499	< 0.52	---	< 0.499	0.59 J	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
4:2 FTSA	ng/g	< 0.499	< 0.52	---	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
6:2 FTSA	ng/g	1.7 J	1.6	6.25%	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
8:2 FTSA	ng/g	< 0.499	< 0.52	---	< 0.499	< 0.51	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
N-EtFOSAA	ng/g	< 0.499	< 0.52	---	< 0.499	NA	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
N-MeFOSAA	ng/g	< 0.499	< 0.52	---	< 0.499	NA	---	< 0.498	< 0.51	---	< 0.483	< 0.54	---
Mean RPD				-9.60%			7.45%			6.63%			13.97%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB062 WUR08138 10 - 12 ft SB2108301038JW 8/30/2021 N 2109038	Air Force WURSB062 WUR08138 10 - 12 8/30/2021 N Validated FA88582-5		AECOM WURSB066 WUR08156 2 - 4 ft SB2108280942JW 8/28/2021 N 2109019	Air Force WURSB066 WUR08156 2 - 4 8/28/2021 N Validated FA88628-15		AECOM WURSB066 WUR08158 10 - 12 ft SB2108281006JW 8/28/2021 N 2109019	Air Force WURSB066 WUR08158 10 - 12 8/28/2021 N Validated FA88628-17		AECOM WURSB075 WUR02581 0.5 - 2 ft SB2109290939JW 9/29/2021 N 2110017	Air Force WURSB075 WUR02581 0.5 - 2 9/29/2021 N Validated FA89462-18	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.496	< 0.51	---	< 0.501	< 0.50	---	< 0.501	< 0.52	---	< 0.486	< 5.20	---
PFPeA	ng/g	< 0.496	< 0.51	---	< 0.501	< 0.50	---	< 0.501	< 0.52	---	< 0.486	< 5.20	---
PFHxA	ng/g	< 0.496	< 0.51	---	< 0.501	< 0.50	---	< 0.501	< 0.52	---	< 0.486	< 5.20	---
PFHpA	ng/g	< 0.496	< 0.51	---	< 0.501	< 0.50	---	< 0.501	< 0.52	---	< 0.486	< 5.20	---
PFOA	ng/g	0.679 J	0.61 J	11.31%	0.628 J	0.27 J	132.59%	0.781 J	1.0	-21.90%	< 0.486	< 5.20	---
PFNA	ng/g	< 0.496	< 0.51	---	1.16 J	1.1	5.45%	0.628 J	0.80 J	-21.50%	< 0.486	< 5.20	---
PFDA	ng/g	< 0.496	< 0.51	---	< 0.501	< 0.50	---	< 0.501	< 0.52	---	< 0.486	< 5.20	---
PFUnDA	ng/g	< 0.496	< 0.51	---	< 0.501	< 0.50	---	< 0.501	< 0.52	---	< 0.486	< 5.20	---
PFDoDA	ng/g	< 0.496	< 0.51	---	< 0.501	< 0.50	---	< 0.501	< 0.52	---	< 0.486	< 5.20	---
PFTTrDA	ng/g	< 0.496	< 0.51	---	< 0.501	< 0.50	---	< 0.501	< 0.52	---	< 0.486	< 5.20	---
PFTeDA	ng/g	< 0.496	< 0.51	---	< 0.501	< 0.50	---	< 0.501	< 0.52	---	< 0.486	< 5.20	---
PFBS	ng/g	< 0.496	< 0.51	---	< 0.501	< 0.50	---	< 0.501	< 0.52	---	< 0.486	< 5.20	---
PFPeS	ng/g	< 0.496	< 0.51	---	< 0.501	< 0.50	---	< 0.501	< 0.52	---	< 0.486	< 5.20	---
PFHxS	ng/g	< 0.496	0.53 J	---	1.89 J	1.4	35.00%	5.23	6.9	-24.20%	< 0.486	< 5.20	---
PFHpS	ng/g	< 0.496	< 0.51	---	< 0.501	0.33 J	---	4.91	8.1	-39.38%	< 0.486	< 5.20	---
PFOS	ng/g	2.5	2.7	-7.78%	211 D	242.0	-12.81%	361 D	769.0	-53.06%	2.79	< 5.20	---
PFNS	ng/g	< 0.496	< 0.51	---	< 0.501	3.4	---	< 0.501	< 0.52	---	< 0.486	< 5.20	---
PFDS	ng/g	< 0.496	< 0.51	---	< 0.501	0.42 J	---	< 0.501	< 0.52	---	< 0.486	< 5.20	---
PFOSA	ng/g	< 0.496	< 0.51	---	< 0.501	0.52 J	---	< 0.501	< 0.52	---	< 0.486	< 5.20	---
4:2 FTSA	ng/g	< 0.496	< 0.51	---	< 0.501	< 0.50	---	< 0.501	< 0.52	---	< 0.486	< 5.20	---
6:2 FTSA	ng/g	< 0.496	< 0.51	---	15.0	0.53 J	2730%	23.3	7.0	232.86%	< 0.486	< 5.20	---
8:2 FTSA	ng/g	< 0.496	< 0.51	---	8.92	5.0	78.40%	2.05	0.87 J	135.63%	< 0.486	< 5.20	---
N-EtFOSAA	ng/g	< 0.496	< 0.51	---	< 0.501	< 0.50	---	< 0.501	< 0.52	---	< 0.486	< 5.20	---
N-MeFOSAA	ng/g	< 0.496	< 0.51	---	< 0.480	< 0.50	---	< 0.475	< 0.52	---	< 0.486	< 5.20	---
Mean RPD				1.77%			494.80%			29.78%			

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB075 WUR02583 5 - 7 ft SB2109290946JW 9/29/2021 N 2110017	Air Force WURSB075 WUR02583 5 - 7 9/29/2021 N Validated FA89462-20		AECOM WURSB076 WUR02501 0.5 - 2 ft SB2109280903JW 9/28/2021 N 2110017	Air Force WURSB076 WUR02501 0.5 - 2 9/28/2021 N Validated FA89418-2		AECOM WURSB076 WUR02503 5 - 7 ft SB2109280923JW 9/28/2021 N 2110017	Air Force WURSB076 WUR02503 5 - 7 9/28/2021 N Validated FA89418-4		AECOM WURSB077 WUR02506 0.5 - 2 ft SB2109290827JW 9/29/2021 N 2110017	Air Force WURSB077 WUR02506 0.5 - 2 9/29/2021 N Validated FA89462-4	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	0.904 J	< 5.10	---
PFPeA	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	1.44 J	< 5.10	---
PFHxA	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	1.50 J	< 5.10	---
PFHpA	ng/g	< 0.488	< 5.10	---	0.610 J	< 5.10	---	< 0.502	< 5.20	---	1.88 J	< 5.10	---
PFOA	ng/g	< 0.488	< 5.10	---	1.09 J	< 5.10	---	0.957 J	< 5.20	---	3.71	< 5.10	---
PFNA	ng/g	< 0.488	< 5.10	---	5.16	< 5.10	---	1.47 J	< 5.20	---	5.61	2.9	93.45%
PFDA	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	5.10	< 5.10	---
PFUnDA	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	< 0.491	< 5.10	---
PFDoDA	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	< 0.491	< 5.10	---
PFTTrDA	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	< 0.491	< 5.10	---
PFTeDA	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	< 0.491	< 5.10	---
PFBS	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	< 0.491	< 5.10	---
PFPeS	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	< 0.491	< 5.10	---
PFHxS	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	< 0.491	< 5.10	---
PFHpS	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	< 0.491	< 5.10	---
PFOS	ng/g	< 0.488	< 5.10	---	6.08	< 5.10	---	0.981 J	< 5.20	---	7.70	4.7	63.83%
PFNS	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	< 0.491	< 5.10	---
PFDS	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	< 0.491	< 5.10	---
PFOSA	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	< 0.491	< 5.10	---
4:2 FTSA	ng/g	< 0.488	< 5.10	---	2.33	< 5.10	---	< 0.502	< 5.20	---	3.92	< 5.10	---
6:2 FTSA	ng/g	< 0.488	< 5.10	---	135	< 5.10	---	4.38	< 5.20	---	269	< 5.10	---
8:2 FTSA	ng/g	< 0.488	< 5.10	---	85.3	5.5 J	1451%	20.2	5.0 J	304.00%	99.5	31.6	214.87%
N-EtFOSAA	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	< 0.491	< 5.10	---
N-MeFOSAA	ng/g	< 0.488	< 5.10	---	< 0.478	< 5.10	---	< 0.502	< 5.20	---	< 0.491	< 5.10	---
Mean RPD							1450.91%			304.00%			124.05%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB086 WUR02588 5 - 7 ft SB2109241528JW 9/24/2021 N 2110016	Air Force WURSB086 WUR02588 5 - 7 9/24/2021 N Validated FA89348-27		AECOM WURSB092 WUR03511 0.5 - 2 ft SB2109131026JW 9/13/2021 N 2109149	Air Force WURSB092 WUR03511 0.5 - 2 9/13/2021 N Validated FA88932-15		AECOM WURSB092 WUR03514 10 - 12 ft SB2109131047JW 9/13/2021 N 2109149	Air Force WURSB092 WUR03514 10 - 12 9/13/2021 N Validated FA88932-18		AECOM WURSB094 WUR03521 0.5 - 2 ft SB2110231001WPS 10/23/2021 N 2110250	Air Force WURSB094 WUR03521 0.5 - 2 10/23/2021 N Validated FA90170-7	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
PFPeA	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
PFHxA	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
PFHpA	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
PFOA	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	1.04 J	0.52 J	100.00%
PFNA	ng/g	< 0.480	< 5.00	---	0.695 J, Q	< 5.10	---	< 0.481	< 5.00	---	0.658 J	0.32 J	105.63%
PFDA	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	0.541 J	< 0.62	---
PFUnDA	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
PFDODA	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
PFTTrDA	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
PFTeDA	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
PFBS	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
PFPeS	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
PFHxS	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	0.635 J	0.34 J	86.76%
PFHpS	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
PFOS	ng/g	< 0.480	< 5.00	---	143	105.0 J	36.19%	< 0.481	< 5.00	---	98.4	65.3	50.69%
PFNS	ng/g	< 0.480	< 5.00	---	< 0.489	< 5.10	---	< 0.495	< 5.00	---	< 0.499	0.85 J	---
PFDS	ng/g	< 0.480	< 5.00	---	0.491 J	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
PFOSA	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
4:2 FTSA	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
6:2 FTSA	ng/g	< 0.480	< 5.00	---	0.602 J	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
8:2 FTSA	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
N-EtFOSAA	ng/g	< 0.480	< 5.00	---	< 0.484	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
N-MeFOSAA	ng/g	< 0.480	< 5.00	---	0.508 J	< 5.10	---	< 0.481	< 5.00	---	< 0.499	< 0.62	---
Mean RPD							36.19%						85.77%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB094 WUR03524 10 - 12 ft SB2110231017WPS 10/23/2021 N 2110250	Air Force WURSB094 WUR03524 10 - 12 10/23/2021 N Validated FA90170-10	Air Force WURSB094 WUR031002 10 - 12 10/23/2021 FD Validated FA90170-11		AECOM WURSB096 WUR03531 0.5 - 2 ft SB2109131423JW 9/13/2021 N 2109149	Air Force WURSB096 WUR03531 0.5 - 2 9/13/2021 N Validated FA88932-33		AECOM WURSB096 WUR03534 9 - 11 ft SB2109131452JW 9/13/2021 N 2109149	Air Force WURSB096 WUR03534 9 - 11 9/13/2021 N Validated FA88932-36	
Compound	Unit	Result	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
PFPeA	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
PFHxA	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
PFHpA	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
PFOA	ng/g	0.702 J	0.48 J	0.85 J	46.25%	< 0.489	< 4.90	---	< 0.499	< 5.00	---
PFNA	ng/g	< 0.490	< 0.52	< 0.51	---	3.32	< 4.90	---	< 0.499	< 5.00	---
PFDA	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
PFUnDA	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
PFDoDA	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
PFTTrDA	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
PFTeDA	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
PFBS	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
PFPeS	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
PFHxS	ng/g	0.818 J	0.64 J	0.99 J	27.81%	< 0.489	< 4.90	---	< 0.499	< 5.00	---
PFHpS	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
PFOS	ng/g	< 0.490	0.29 J	0.42 J	---	117	101.0	15.84%	< 0.499	< 5.00	---
PFNS	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.499	< 4.90	---	< 0.499	< 5.00	---
PFDS	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
PFOSA	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
4:2 FTSA	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
6:2 FTSA	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
8:2 FTSA	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
N-EtFOSAA	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
N-MeFOSAA	ng/g	< 0.490	< 0.52	< 0.51	---	< 0.489	< 4.90	---	< 0.499	< 5.00	---
Mean RPD					37.03%			15.84%			

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB100 WUR03551 0.5 - 2 ft SB2109140914JW 9/14/2021 N 2109149	Air Force WURSB100 WUR03551 0.5 - 2 9/14/2021 N Validated FA88974-11	Air Force WURSB100 WUR031005 0.5 - 2 9/14/2021 FD Validated FA88974-12		AECOM WURSB100 WUR03554 9 - 11 ft SB2109140940JW 9/14/2021 N 2109149	Air Force WURSB100 WUR03554 9 - 11 9/14/2021 N Validated FA88974-15		AECOM WURSB103 WUR03566 0.5 - 2 ft SB2109141437JW 9/14/2021 N 2109149	Air Force WURSB103 WUR03566 0.5 - 2 9/14/2021 N Validated FA88974-34		AECOM WURSB103 WUR03569 10 - 12 ft SB2109141458JW 9/14/2021 N 2109149	Air Force WURSB103 WUR03569 10 - 12 9/14/2021 N Validated FA88974-37	
Compound	Unit	Result	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
PFPeA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
PFHxA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
PFHpA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
PFOA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
PFNA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
PFDA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
PFUnDA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
PFDoDA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
PFTTrDA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
PFTeDA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
PFBS	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
PFPeS	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
PFHxS	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
PFHpS	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
PFOS	ng/g	7.23	7.5 J,B	2.9 JB	-3.60%	1.10 J	< 5.20	---	27.9	5.7 J,B	389.47%	0.704 J	< 5.20	---
PFNS	ng/g	< 0.481	< 5.30	< 5.10	---	< 0.482	< 5.20	---	< 0.483	< 5.20	---	< 0.483	< 5.20	---
PFDS	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
PFOSA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
4:2 FTSA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
6:2 FTSA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
8:2 FTSA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
N-EtFOSAA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
N-MeFOSAA	ng/g	< 0.500	< 5.30	< 5.10	---	< 0.487	< 5.20	---	< 0.492	< 5.20	---	< 0.497	< 5.20	---
Mean RPD					-3.60%						389.47%			

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB106 WUR04500 2 - 4 ft SB2108191320JM 8/19/2021 N 2108229	Air Force WURSB106 WUR04500 2 - 4 8/19/2021 N Validated P213303-07RE3	Air Force WURSB106 WUR04100 2 - 4 8/19/2021 FD Validated P213303-11RE3		AECOM WURSB109 WUR04519 9 - 11 ft SB2110081453WPS 10/8/2021 N 2110123	Air Force WURSB109 WUR04519 9 - 11 10/8/2021 N Validated FA89753-20		AECOM WURSB110 WUR04524 10 - 12 ft SB2108181212JW 8/18/2021 N 2108229	Air Force WURSB110 WUR04524 10 - 12 8/18/2021 N Validated P213302-16RE2		AECOM WURSB112 WUR04532 0.5 - 2 ft SB2108181516JM 8/18/2021 N 2108229	Air Force WURSB112 WUR04532 0.5 - 2 8/18/2021 N Validated P213302-24RE3	
Compound	Unit	Result	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.489	< 1	< 1	---	0.53 J	< 5.3	---	< 0.493	< 1	---	< 0.489	< 1	---
PFPeA	ng/g	0.647 J	0.70	0.53	-7.57%	1.78 J	< 5.3	---	< 0.493	< 0.26	---	< 0.489	< 0.26	---
PFHxA	ng/g	1.83 J	0.79	0.79	131.65%	4.2	< 5.3	---	0.885 J	0.30	195.00%	< 0.489	< 0.1	---
PFHpA	ng/g	1.78 J	1.4	1.4	27.14%	0.763 J, Q	< 5.3	---	0.68 J	0.34 J	100.00%	< 0.489	< 0.26	---
PFOA	ng/g	6.03	3.4 J	3.4 J	77.35%	15.1	12.9	17.05%	7.81	3.8	105.53%	< 0.489	0.06 J	---
PFNA	ng/g	2.53	2.2	1.9	15.00%	< 0.496	< 5.3	---	0.83 J	0.81	2.47%	< 0.489	0.22 J	---
PFDA	ng/g	0.611 J	0.42	0.43	45.48%	< 0.496	< 5.3	---	0.577 J	0.42	37.38%	< 0.489	< 0.052	---
PFUnDA	ng/g	< 0.489	0.18 J	0.23 J	---	< 0.496	< 5.3	---	< 0.493	< 0.1	---	< 0.489	< 0.1	---
PFDoDA	ng/g	< 0.489	< 0.1	< 0.1	---	< 0.496	< 5.3	---	< 0.493	< 0.1	---	< 0.489	< 0.1	---
PFTTrDA	ng/g	< 0.489	< 0.1	< 0.1	---	< 0.496	< 5.3	---	< 0.493	< 0.1	---	< 0.489	< 0.1	---
PFTeDA	ng/g	< 0.489	< 0.1	< 0.1	---	< 0.496	< 5.3	---	< 0.493	< 0.1	---	< 0.489	< 0.1	---
PFBS	ng/g	< 0.489	< 0.1	< 0.1	---	< 0.496	< 5.3	---	< 0.493	0.039 J	---	< 0.489	< 0.1	---
PFPeS	ng/g	< 0.489	< 0.15	< 0.15	---	0.878 J	< 5.3	---	< 0.493	0.15 J	---	< 0.489	< 0.15	---
PFHxS	ng/g	15.5	8.6 J	8.8 J	80.23%	28.8	16.5	74.55%	6.65	4.7	41.49%	< 0.489	0.29	---
PFHpS	ng/g	< 0.489	0.31 J	0.31 J	---	17.2	11.1	54.95%	4.89	7.6	-35.66%	< 0.489	0.037 J	---
PFOS	ng/g	83.6	56.0	56	49.29%	4080 D	3650.0	11.78%	1260 D	930.0	35.48%	43.6	38.0	14.74%
PFNS	ng/g	< 0.489	0.21 J	0.25 J	---	2.73 Q	8.9 J	-69.33%	< 0.493	0.21 J	---	< 0.489	< 0.1	---
PFDS	ng/g	< 0.489	0.082 J	0.094 J	---	1.94 J	2.7 J	-28.15%	< 0.493	< 0.1	---	< 0.489	< 0.1	---
PFOSA	ng/g	3.99	1.3 J	1.5 J	206.92%	0.85 J, Q	< 5.3	---	116	110.0	5.45%	0.549 J, Q	0.1 J	449.00%
4:2 FTSA	ng/g	0.497 J, Q	< 0.051	< 0.051	---	< 0.496	< 5.3	---	< 0.493	< 0.051	---	< 0.489	< 0.052	---
6:2 FTSA	ng/g	20.0	1.1	1.1	1718%	62.3	27.2	129.04%	50.7	10.0	407.00%	< 0.489	< 0.052	---
8:2 FTSA	ng/g	34.9	20.0	21	74.50%	185	65.9	180.73%	115.0	87.0	32.18%	< 0.489	< 0.1	---
N-EtFOSAA	ng/g	< 0.489	< 0.1	< 0.1	---	< 0.496	< 5.3	---	< 0.493	< 0.1	---	< 0.489	< 0.1	---
N-MeFOSAA	ng/g	< 0.489	< 0.051	< 0.051	---	< 0.496	< 5.3	---	< 0.493	< 0.051	---	< 0.489	< 0.052	---
Mean RPD					219.83%			46.33%			84.21%			231.87%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB113 WUR04538 5 - 7 ft SB2108180917JW 8/18/2021 N 2108229	Air Force WURSB113 WUR04538 5 - 7 8/18/2021 N Validated P213302-04RE2		AECOM WURSB118 WUR04561 0 - 0.5 ft SB2108171515JW 8/17/2021 N 2108229	Air Force WURSB118 WUR04561 0 - 0.5 8/17/2021 N Validated P213301-17		AECOM WURSB121 WUR05511 0.5 - 2 ft SB2110191256WPS 10/19/2021 N 2110250	Air Force WURSB121 WUR05511 0.5 - 2 10/19/2021 N Validated FA90016-21		AECOM WURSB121 WUR05514 10 - 12 ft SB2110191313WPS 10/19/2021 N 2110250	Air Force WURSB121 WUR05514 10 - 12 10/19/2021 N Validated FA90016-25	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.499	< 1	---	< 0.499	< 1.1	---	< 0.496	< 0.54	---	< 0.501	< 0.51	---
PFPeA	ng/g	< 0.499	< 0.25	---	< 0.499	< 0.27	---	< 0.496	< 0.54	---	< 0.501	< 0.51	---
PFHxA	ng/g	< 0.499	< 0.1	---	< 0.499	0.08 J	---	< 0.496	< 0.54	---	< 0.501	< 0.51	---
PFHpA	ng/g	< 0.499	< 0.25	---	< 0.499	< 0.27	---	< 0.496	< 0.54	---	< 0.501	< 0.51	---
PFOA	ng/g	< 0.499	0.08 J	---	< 0.499	0.10 J	---	0.631 J	0.27 J	133.70%	1.38 J	0.88 J	56.82%
PFNA	ng/g	< 0.499	0.19 J	---	< 0.499	0.19 J	---	< 0.496	< 0.54	---	1.63 J	1.3	25.38%
PFDA	ng/g	< 0.499	< 0.051	---	< 0.499	0.043 J	---	< 0.496	0.30 J	---	< 0.501	< 0.51	---
PFUnDA	ng/g	< 0.499	< 0.1	---	< 0.499	< 0.11	---	1.09 J	0.92 J	18.48%	< 0.501	< 0.51	---
PFDoDA	ng/g	< 0.499	< 0.1	---	< 0.499	< 0.11	---	< 0.496	< 0.54	---	< 0.501	< 0.51	---
PFTTrDA	ng/g	< 0.499	< 0.1	---	< 0.499	< 0.11	---	< 0.496	< 0.54	---	< 0.501	< 0.51	---
PFTeDA	ng/g	< 0.499	< 0.1	---	< 0.499	< 0.11	---	< 0.496	< 0.54	---	< 0.501	< 0.51	---
PFBS	ng/g	< 0.499	< 0.1	---	< 0.499	< 0.11	---	< 0.496	< 0.54	---	< 0.501	< 0.51	---
PFPeS	ng/g	< 0.499	< 0.15	---	< 0.499	< 0.16	---	< 0.496	< 0.54	---	< 0.501	< 0.51	---
PFHxS	ng/g	< 0.499	0.28	---	< 0.499	0.20 J	---	< 0.496	0.41 J	---	0.910 J	0.67 J	35.82%
PFHpS	ng/g	< 0.499	< 0.051	---	< 0.499	< 0.054	---	< 0.496	< 0.54	---	< 0.501	0.31 J	---
PFOS	ng/g	4.11	2.9	41.72%	2.75	2.9	-5.17%	31.1	22.3	39.46%	125	113.0	10.62%
PFNS	ng/g	< 0.499	< 0.1	---	< 0.499	< 0.11	---	0.738 J	1.4	-47.29%	< 0.501	< 0.51	---
PFDS	ng/g	< 0.499	< 0.1	---	< 0.499	< 0.11	---	0.818 J	0.94 J	-12.98%	< 0.501	< 0.51	---
PFOSA	ng/g	< 0.499	< 0.25	---	< 0.499	< 0.27	---	0.559 J	< 0.54	---	< 0.501	< 0.51	---
4:2 FTSA	ng/g	< 0.499	< 0.051	---	< 0.499	< 0.054	---	< 0.496	< 0.54	---	< 0.501	< 0.51	---
6:2 FTSA	ng/g	< 0.499	0.024 J	---	< 0.499	< 0.054	---	2.44	< 0.54	---	7.98	1.5	432.00%
8:2 FTSA	ng/g	< 0.499	0.23 J	---	< 0.499	< 0.11	---	3.69	0.34 J	985.29%	3.92	1.7	130.59%
N-EtFOSAA	ng/g	< 0.499	< 0.1	---	< 0.499	< 0.11	---	< 0.496	< 0.54	---	< 0.501	< 0.51	---
N-MeFOSAA	ng/g	< 0.499	< 0.051	---	< 0.499	< 0.054	---	< 0.496	< 0.54	---	< 0.501	< 0.51	---
Mean RPD				41.72%			-5.17%			186.11%			115.21%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB125 WUR05531 0.5 - 2 ft SB2110131031WPS 10/13/2021 N 2110124	Air Force WURSB125 WUR05531 0.5 - 2 10/13/2021 N Validated FA89867-10		AECOM WURSB125 WUR05534 10 - 12 ft SB2110131100WPS 10/13/2021 N 2110124	Air Force WURSB125 WUR05534 10 - 12 10/13/2021 N Validated FA89867-14		AECOM WURSB127 WUR05541 0.5 - 2 ft SB2110060947WPS 10/6/2021 N 2110105	Air Force WURSB127 WUR05541 0.5 - 2 10/6/2021 N Validated FA89684-8		AECOM WURSB127 WUR05544 10 - 12 ft SB2110061000WPS 10/6/2021 N 2110105	Air Force WURSB127 WUR05544 10 - 12 10/6/2021 N Validated FA89684-12	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFPeA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFHxA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFHpA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFOA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFNA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFDA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFUnDA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFDoDA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFTTrDA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFTeDA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFBS	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFPeS	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFHxS	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFHpS	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFOS	ng/g	10.1	9.6 J	5.21%	11.0	5.4 J	103.70%	1.12 J, Q	< 5.20	---	< 0.495	< 5.10	---
PFNS	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFDS	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
PFOSA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
4:2 FTSA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
6:2 FTSA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
8:2 FTSA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
N-EtFOSAA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
N-MeFOSAA	ng/g	< 0.488	< 5.60	---	< 0.493	< 5.40	---	< 0.475	< 5.20	---	< 0.495	< 5.10	---
Mean RPD				5.21%			103.70%						

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB138 WUR06021 0.5 - 2 ft SB2110201349WPS 10/20/2021 N 2110250	Air Force WURSB138 WUR06021 0.5 - 2 10/20/2021 N Validated FA90069-28		AECOM WURSB138 WUR06024 10 - 12 ft SB2110201402WPS 10/20/2021 N 2110250	Air Force WURSB138 WUR06024 10 - 12 10/20/2021 N Validated FA90069-31		AECOM WURSB139 WUR06026 0.5 - 2 ft SB2110201148WPS 10/20/2021 N 2110250	Air Force WURSB139 WUR06026 0.5 - 2 10/20/2021 N Validated FA90069-15		AECOM WURSB139 WUR0629 10 - 12 ft SB2110201204WPS 10/20/2021 N 2110250	Air Force WURSB139 WUR06029 10 - 12 10/20/2021 N Validated FA90069-19	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFPeA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFHxA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFHpA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFOA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFNA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFDA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFUnDA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFDoDA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFTTrDA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFTeDA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFBS	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFPeS	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFHxS	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFHpS	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFOS	ng/g	0.799 J	0.93 J	-14.09%	< 0.473	< 0.52	---	3.99	3.6	10.83%	< 0.488	< 0.53	---
PFNS	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFDS	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
PFOSA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
4:2 FTSA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
6:2 FTSA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
8:2 FTSA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 0.53	---
N-EtFOSAA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 2.60	---
N-MeFOSAA	ng/g	< 0.493	< 0.52	---	< 0.473	< 0.52	---	< 0.497	< 0.53	---	< 0.488	< 2.60	---
Mean RPD				-14.09%						10.83%			

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB140 WUR06031 0.5 - 2 ft SB2110231506WPS 10/23/2021 N 2110251	Air Force WURSB140 WUR06031 0.5 - 2 10/23/2021 N Validated FA90170-31		AECOM WURSB140 WUR06034 10 - 12 ft SB2110231523WPS 10/23/2021 N 2110251	Air Force WURSB140 WUR06034 10 - 12 10/23/2021 N Validated FA90170-34		AECOM WURSB145 WUR06056 0.5 - 2 ft SB2110241029WPS 10/24/2021 N 2110251	Air Force WURSB145 WUR06056 0.5 - 2 10/24/2021 N Validated FA90175-3		AECOM WURSB145 WUR06059 10 - 12 ft SB2110241041WPS 10/24/2021 N 2110251	Air Force WURSB145 WUR06059 10 - 12 10/24/2021 N Validated FA90175-7	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
PFPeA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
PFHxA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
PFHpA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
PFOA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
PFNA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
PFDA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
PFUnDA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
PFDODA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
PFTTrDA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
PFTeDA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
PFBS	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
PFPeS	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
PFHxS	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	0.52 J	0.3 J	71.67%
PFHpS	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	<0.491	< 0.52	---
PFOS	ng/g	3.28	3.1	5.81%	< 0.491	< 0.54	---	3.69	3.7	-0.27%	9.83	10.1	-2.67%
PFNS	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	<0.491	< 0.52	---
PFDS	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
PFOSA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 2.60	---	< 0.491	< 0.52	---
4:2 FTSA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
6:2 FTSA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
8:2 FTSA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
N-EtFOSAA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
N-MeFOSAA	ng/g	< 0.485	< 0.52	---	< 0.491	< 0.54	---	< 0.490	< 0.53	---	< 0.491	< 0.52	---
Mean RPD				5.81%						-0.27%			34.50%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

[illegible]

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

[illegible]

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB165 WUR11793 0.5 - 2 ft SB2109220835JW 9/22/2021 N 2110016	Air Force WURSB165 WUR11793 0.5 - 2 9/22/2021 N Validated FA89252-2		AECOM WURSB165 WUR11796 10 - 12 ft SB2109220846JW 9/22/2021 N 2110016	Air Force WURSB165 WUR11796 10 - 12 9/22/2021 N Validated FA89252-5		AECOM WURSB168 WUR10554 0.5 - 2 ft SB2110211437JW 10/21/2021 N 2110250	Air Force WURSB168 WUR10554 0.5 - 2 10/21/2021 N Validated FA90117-27		AECOM WURSB168 WUR10557 9 - 11 ft ³ SB2110211455JW 10/21/2021 N 2110250	Air Force WURSB168 WUR10557 9 - 11 10/21/2021 N Validated FA90117-31	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFPeA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFHxA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFHpA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFOA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFNA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFDA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFUnDA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFDODA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFTTrDA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFTeDA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFBS	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFPeS	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFHxS	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFHpS	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFOS	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	2.52	3.1	-18.71%	0.996 J	0.82 J	21.46%
PFNS	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFDS	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
PFOSA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
4:2 FTSA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
6:2 FTSA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
8:2 FTSA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
N-EtFOSAA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
N-MeFOSAA	ng/g	< 0.494	< 5.10	---	< 0.498	< 5.30	---	< 0.493	< 0.54	---	< 0.482	< 0.53	---
Mean RPD										-18.71%			21.46%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB178 WUR02653 5 - 7 ft SB2110121626WPS 10/12/2021 N 2110123	Air Force WURSB178 WUR02653 5 - 7 10/12/2021 N Validated FA89817-31		AECOM WURSB179 WUR02656 0.5 - 2 ft SB2110221237JW 10/22/2021 N 2110250	Air Force WURSB179 WUR02656 0.5 - 2 10/22/2021 N Validated FA90172-17		AECOM WURSB179 WUR02659 10 - 12 ft SB2110221249JW 10/22/2021 N 2110250	Air Force WURSB179 WUR02659 10 - 12 10/22/2021 N Validated FA90172-20		AECOM WURSB181 WUR04508-ST1 5 - 7 ft SB2108231324JM 8/23/2021 N 2109019	Air Force WURSB181 WUR04508-ST1 5 - 7 8/23/2021 N Validated P213403-06RE2	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	< 0.490	< 1	---
PFPeA	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	< 0.490	< 0.26	---
PFHxA	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	< 0.490	< 0.1	---
PFHpA	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	< 0.490	< 0.26	---
PFOA	ng/g	< 0.498	< 5.20	---	< 0.499	0.31 J	---	< 0.484	< 0.53	---	< 0.490	0.32	---
PFNA	ng/g	< 0.498	< 5.20	---	1.44 J	1.3	10.77%	< 0.484	< 0.53	---	< 0.490	0.18 J	---
PFDA	ng/g	< 0.498	< 5.20	---	0.637 J	0.41 J	55.37%	< 0.484	< 0.53	---	< 0.490	< 0.051	---
PFUnDA	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	< 0.490	< 0.1	---
PFDoDA	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	< 0.490	< 0.1	---
PFTTrDA	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	< 0.490	< 0.1	---
PFTeDA	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	< 0.490	< 0.1	---
PFBS	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	< 0.490	< 0.1	---
PFPeS	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	< 0.490	< 0.15	---
PFHxS	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	0.826 J	1.1	-24.91%
PFHpS	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	< 0.490	0.09 J	---
PFOS	ng/g	< 0.498	< 5.20	---	139	107.0	29.91%	2.25	2.0	12.50%	32.3	33.0	-2.12%
PFNS	ng/g	< 0.498	< 5.20	---	< 0.499	0.54 J	---	< 0.484	< 0.53	---	< 0.490	< 0.1	---
PFDS	ng/g	< 0.498	< 5.20	---	< 0.499	0.47 J	---	< 0.484	< 0.53	---	< 0.490	< 0.1	---
PFOSA	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	0.909 J	0.9	1.00%
4:2 FTSA	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	< 0.490	< 0.051	---
6:2 FTSA	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	< 0.490	1.0	---
8:2 FTSA	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	< 0.490	0.12 J	---
N-EtFOSAA	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	< 0.490	< 0.1	---
N-MeFOSAA	ng/g	< 0.498	< 5.20	---	< 0.499	< 0.53	---	< 0.484	< 0.53	---	< 0.482	< 0.051	---
Mean RPD							32.01%			12.50%			-8.68%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB184 WUR04523-ST2 5 - 7 ft SB2108240946JW 8/24/2021 N 2109019	Air Force WURSB184 WUR04523-ST2 5 - 7 8/24/2021 N Validated P213404-02		AECOM WURSB184 WUR04524-ST2 9 - 11 ft SB2108241011JW 8/24/2021 N 2109019	Air Force WURSB184 WUR04524-ST2 9 - 11 8/24/2021 N Validated P213404-03		AECOM WURSB185 WUR04579 5 - 7 ft SB2108241151JW 8/24/2021 N 2109019	Air Force WURSB185 WUR04579 5 - 7 8/24/2021 N Validated P213404-07	Air Force WURSB185 WUR041010 5 - 7 8/24/2021 FD Validated P213404-08	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	Result	RPD
PFBA	ng/g	< 0.502	< 1	---	< 0.499	< 1	---	< 0.501	< 1	< 1	---
PFPeA	ng/g	< 0.502	0.17 J	---	< 0.499	0.38 J	---	< 0.501	0.41 J	0.5 J	---
PFHxA	ng/g	< 0.502	0.10 J	---	< 0.499	0.23 J	---	1.42 J	0.59	0.8	140.68%
PFHpA	ng/g	< 0.502	< 0.26	---	< 0.499	< 0.26	---	0.532 J, Q	0.36 J	0.43 J	47.78%
PFOA	ng/g	0.601 J, Q	0.40	50.25%	< 0.499	0.56	---	8.04	5.2	5.2	54.62%
PFNA	ng/g	< 0.502	0.45	---	< 0.499	0.45	---	< 0.501	0.14 J	0.12 J	---
PFDA	ng/g	< 0.502	0.12 J	---	< 0.499	0.19 J	---	< 0.501	0.34	0.37	---
PFUnDA	ng/g	< 0.502	0.08 J	---	< 0.499	0.12 J	---	< 0.501	0.26	0.34	---
PFDoDA	ng/g	< 0.502	< 0.1	---	< 0.499	< 0.1	---	< 0.501	0.12 J	0.21 J	---
PFTTrDA	ng/g	< 0.502	< 0.1	---	< 0.499	< 0.1	---	< 0.501	< 0.1	< 0.1	---
PFTeDA	ng/g	< 0.502	< 0.1	---	< 0.499	< 0.1	---	< 0.501	< 0.1	< 0.1	---
PFBS	ng/g	< 0.502	< 0.1	---	< 0.499	< 0.1	---	< 0.501	< 0.1	< 0.1	---
PFPeS	ng/g	< 0.502	< 0.15	---	< 0.499	< 0.16	---	< 0.501	< 0.15	< 0.15	---
PFHxS	ng/g	1.34 J	1.4	-4.29%	1.45 J	2.0	-27.50%	7.09	8.0	8	-11.38%
PFHpS	ng/g	< 0.502	0.099 J	---	< 0.499	0.13 J	---	< 0.501	0.33 J	0.3	---
PFOS	ng/g	49.7	55.0	-9.64%	54.7	72.0	-24.03%	121	140.0	140	-13.57%
PFNS	ng/g	< 0.502	0.25 J	---	< 0.499	0.50 J	---	1.3 J	1.8 J	1.8 J	-25.56%
PFDS	ng/g	< 0.502	0.38	---	< 0.499	0.49	---	< 0.501	0.71 J	1.3 J	---
PFOSA	ng/g	8.04	3.8	111.58%	9.21	7.2	27.92%	238	270.0	280	-11.85%
4:2 FTSA	ng/g	< 0.502	< 0.051	---	< 0.499	< 0.052	---	< 0.501	< 0.051	< 0.051	---
6:2 FTSA	ng/g	< 0.502	0.034 J	---	< 0.499	0.057 J	---	0.507 J	0.10 J	0.09 J	412.12%
8:2 FTSA	ng/g	1.79 J	1.1	62.73%	5.82	2.0	191.00%	12.2	9.6	8.6	27.08%
N-EtFOSAA	ng/g	< 0.502	< 0.1	---	< 0.499	< 0.1	---	< 0.501	0.42	0.43	---
N-MeFOSAA	ng/g	< 0.487	< 0.051	---	< 0.481	< 0.052	---	< 0.495	0.20 J	0.18 J	---
Mean RPD				42.13%			41.85%				68.88%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB186 WUR04581 0 - 0.5 ft SB2108241308JM 8/24/2021 N 2109019	Air Force WURSB186 WUR04581 0 - 0.5 8/24/2021 N Validated P213404-09		AECOM WURSB187 WUR04859 5 - 7 ft SB2108241530JW 8/24/2021 N 2109019	Air Force WURSB187 WUR04589 5 - 7 8/24/2021 N Validated P213405-02RE1		AECOM WURSB189 WUR04597 0.5 - 2 ft SB2108250954JW 8/25/2021 N 2109019	Air Force WURSB189 WUR04597 0.5 - 2 8/25/2021 N Validated P213405-09RE1	Air Force WURSB189 WUR041012 0.5 - 2 8/25/2021 FD Validated P213405-10RE1	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	Result	RPD
PFBA	ng/g	< 0.488	0.77 B	---	< 0.501	< 0.91	---	< 0.490	< 0.94	< 0.95	---
PFPeA	ng/g	< 0.488	0.41 J	---	< 0.501	< 0.23	---	< 0.490	< 0.24	< 0.24	---
PFHxA	ng/g	< 0.488	0.14 J	---	< 0.501	< 0.091	---	< 0.490	0.071 J	0.049 J	---
PFHpA	ng/g	< 0.488	< 0.26	---	< 0.501	< 0.23	---	< 0.490	< 0.24	< 0.24	---
PFOA	ng/g	< 0.488	0.17 J	---	< 0.501	0.039 J	---	< 0.490	< 0.094	< 0.095	---
PFNA	ng/g	< 0.488	0.12 J	---	< 0.501	0.26	---	< 0.490	0.053 J	0.046 J	---
PFDA	ng/g	< 0.488	0.14 J	---	< 0.501	< 0.045	---	< 0.490	< 0.047	< 0.047	---
PFUnDA	ng/g	< 0.488	0.22 J	---	< 0.501	< 0.091	---	< 0.490	< 0.094	< 0.095	---
PFDoDA	ng/g	< 0.488	< 0.1	---	< 0.501	< 0.091	---	< 0.490	< 0.094	< 0.095	---
PFTTrDA	ng/g	< 0.488	< 0.1	---	< 0.501	< 0.091	---	< 0.490	< 0.094	< 0.095	---
PFTeDA	ng/g	< 0.488	< 0.1	---	< 0.501	0.034 J	---	< 0.490	< 0.094	< 0.095	---
PFBS	ng/g	< 0.488	< 0.1	---	< 0.501	< 0.091	---	< 0.490	< 0.094	< 0.095	---
PFPeS	ng/g	< 0.488	< 0.15	---	< 0.501	< 0.14	---	< 0.490	< 0.14	< 0.14	---
PFHxS	ng/g	0.849 J	0.60	41.50%	< 0.501	0.52	---	< 0.490	0.11 J	0.094 J	---
PFHpS	ng/g	< 0.488	0.039 J	---	< 0.501	0.045 J	---	< 0.490	< 0.047	< 0.047	---
PFOS	ng/g	10.4	12.0	-13.33%	21.7	23.0	-5.65%	4.1	4.6	3.9	-10.43%
PFNS	ng/g	< 0.488	0.31	---	< 0.501	< 0.091	---	< 0.490	< 0.094	< 0.095	---
PFDS	ng/g	< 0.488	0.28	---	< 0.501	< 0.091	---	< 0.490	< 0.094	< 0.095	---
PFOSA	ng/g	0.898 J	0.35 J	156.57%	< 0.501	< 0.23	---	< 0.490	< 0.24	< 0.24	---
4:2 FTSA	ng/g	< 0.488	< 0.051	---	< 0.501	< 0.045	---	< 0.490	< 0.047	< 0.047	---
6:2 FTSA	ng/g	0.65 J	0.031 J	1997%	< 0.501	< 0.045	---	< 0.490	< 0.047	0.22	---
8:2 FTSA	ng/g	< 0.488	< 0.1	---	< 0.501	< 0.091	---	< 0.490	< 0.094	< 0.095	---
N-EtFOSAA	ng/g	< 0.488	< 0.1	---	< 0.501	< 0.091	---	< 0.490	< 0.094	< 0.095	---
N-MeFOSAA	ng/g	< 0.492	< 0.051	---	< 0.473	< 0.045	---	< 0.475	< 0.047	< 0.047	---
Mean RPD				545.38%			-5.65%				-10.43%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB196 WUR04633 4 - 6 ft SB2109091229JM 9/9/2021 N 2109117	Air Force WURSB196 WUR04633 4 - 6 9/9/2021 N Validated FA88828-15		AECOM WURSB197 WUR04638 4 - 6 ft SB2109100851JM 9/10/2021 N 2109117	Air Force WURSB197 WUR04638 4 - 6 9/10/2021 N Validated FA88873-5		AECOM WURSB197 WUR04640 10 - 16 ft SB2109100955JM 9/10/2021 N 2109117	Air Force WURSB197 WUR04640 10 - 16 9/10/2021 N Validated FA88873-7		AECOM WURSB198 WUR04643 4 - 6 ft SB2109101032JM 9/10/2021 N 2109117	Air Force WURSB198 WUR04643 4 - 6 9/10/2021 N Validated FA88873-10	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.477	< 0.51	---	3.91	1.4	179.29%	0.553 J	< 0.48	---	0.517 J	< 0.51	---
PFPeA	ng/g	0.869 J	0.53 J	63.96%	17.9	9.3	92.47%	2.1	1.5	40.00%	1.75 J	1.0 J	76.77%
PFHxA	ng/g	4.13 Q	1.4	195.00%	68.8	15.0	358.67%	9.79	5.6	74.82%	10.6	2.6	307.69%
PFHpA	ng/g	0.824 J	0.70 J	17.71%	6.85	3.6	90.28%	3.89	3.4	14.41%	1.56 J	0.77 J	102.60%
PFOA	ng/g	64.6	52.3	23.52%	88.5	51.5	71.84%	549 D	508.0	8.07%	40.9	29.7	37.71%
PFNA	ng/g	< 0.477	0.63 J	---	3.66	3.2 J	14.38%	< 0.484	< 0.48	---	2.10	2.2	-4.55%
PFDA	ng/g	< 0.477	< 0.51	---	2.62	1.7	54.12%	< 0.484	< 0.48	---	< 0.472	0.28 J	---
PFUnDA	ng/g	< 0.477	< 0.51	---	< 0.493	< 0.50	---	< 0.484	< 0.48	---	< 0.472	< 0.51	---
PFDODA	ng/g	< 0.477	< 0.51	---	< 0.493	< 0.50	---	< 0.484	< 0.48	---	< 0.472	< 0.51	---
PFTTrDA	ng/g	< 0.477	< 0.51	---	< 0.493	< 0.50	---	< 0.484	< 0.48	---	< 0.472	< 0.51	---
PFTeDA	ng/g	< 0.477	< 0.51	---	< 0.493	< 0.50	---	< 0.484	< 0.48	---	< 0.472	< 0.51	---
PFBS	ng/g	< 0.477	0.33 J	---	0.972 J	0.6 J	62.00%	< 0.484	< 0.48	---	< 0.472	< 0.51	---
PFPeS	ng/g	< 0.477	0.62 J	---	2.14	1.1	94.55%	1.85 J	1.3	42.31%	< 0.472	< 0.51	---
PFHxS	ng/g	85.3	73.0	16.85%	328	189.0	73.54%	377	307.0	22.80%	66.6	50.4	32.14%
PFHpS	ng/g	5.2	14.6	-64.45%	75	33.9	121.24%	1.49 J	3.7	-59.73%	56.5	70.1	-19.40%
PFOS	ng/g	22.6	39.9	-43.36%	2740 D	1890.0	44.97%	212	232.0	-8.62%	346	290.0	19.31%
PFNS	ng/g	< 0.477	< 0.51	---	1.07 J	4.4 J	-75.68%	< 0.484	1.3	---	1.46 J	4.2	-65.24%
PFDS	ng/g	< 0.477	< 0.51	---	0.736 J	1.0	-26.40%	< 0.484	< 0.48	---	< 0.472	1.7	---
PFOSA	ng/g	< 0.477	1.3 B	---	549 D	350.0	56.86%	0.982 J	0.79 JB	24.30%	463 D	476.0	-2.73%
4:2 FTSA	ng/g	< 0.477	< 0.51	---	2.85	< 0.50	---	0.759 J, Q	< 0.48	---	1.85 J	< 0.51	---
6:2 FTSA	ng/g	216	144.0	50.00%	321	56.2	471.17%	376	142.0	164.79%	308	118.0	161.02%
8:2 FTSA	ng/g	< 0.477	< 0.51	---	114	56.4	102.13%	52.9	11.8	348.31%	76.5	44.9	70.38%
N-EtFOSAA	ng/g	< 0.477	< 0.51	---	<0.493	< 0.50	---	<0.484	< 0.48	---	0.660 J, Q	0.40 J	65.00%
N-MeFOSAA	ng/g	< 0.477	< 0.51	---	< 0.493	0.5 J	---	< 0.484	< 0.48	---	< 0.472	0.42 J	---
Mean RPD				32.40%			105.02%			61.04%			60.05%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB198 WUR04645 10 - 16 ft SB2109101106JM 9/10/2021 N 2109117	Air Force WURSB198 WUR04645 10 - 16 9/10/2021 N Validated FA88873-12		AECOM WURSB199 WUR04650 10 - 12 ft SB2109101455JM 9/10/2021 N 2109117	Air Force WURSB199 WUR04650 10 - 12 9/10/2021 N Validated FA88873-29		AECOM WURSB211 WUR08187-ST1 0.5 - 2 ft SB2110071445WPS 10/7/2021 N 2110123	Air Force WURSB211 WUR08187-ST1 0.5 - 2 10/7/2021 N Validated FA89711-34		AECOM WURSB211 WUR08190-ST1 10 - 12 ft SB2110071515WPS 10/7/2021 N 2110123	Air Force WURSB211 WUR08190-ST1 10 - 12 10/7/2021 N Validated FA89711-37	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.488	< 0.50	---	< 0.476	< 0.53	---	< 0.490	< 5.30	---	< 0.484	< 5.30	---
PFPeA	ng/g	1.12 J	0.73 J	53.42%	1.10 J	0.7 J	69.23%	< 0.481	< 5.30	---	< 0.484	< 5.30	---
PFHxA	ng/g	6.79	1.6	324.38%	4.51 Q	2.0	125.50%	< 0.481	< 5.30	---	< 0.484	< 5.30	---
PFHpA	ng/g	1.11 J	0.72 J	54.17%	1.86 J	1.3	43.08%	< 0.481	< 5.30	---	< 0.484	< 5.30	---
PFOA	ng/g	55.4	32.6	69.94%	21.9	13.9	57.55%	< 0.481	< 5.30	---	< 0.484	< 5.30	---
PFNA	ng/g	2.61	1.2	117.50%	< 0.476	0.3 J	---	< 0.481	< 5.30	---	< 0.484	< 5.30	---
PFDA	ng/g	< 0.488	0.38 J	---	< 0.476	< 0.53	---	< 0.481	< 5.30	---	< 0.484	< 5.30	---
PFUnDA	ng/g	< 0.488	< 0.50	---	< 0.476	< 0.53	---	< 0.481	< 5.30	---	< 0.484	< 5.30	---
PFDoDA	ng/g	< 0.488	< 0.50	---	< 0.476	< 0.53	---	< 0.481	< 5.30	---	< 0.484	< 5.30	---
PFTTrDA	ng/g	< 0.488	< 0.50	---	< 0.476	< 0.53	---	< 0.481	< 5.30	---	< 0.484	< 5.30	---
PFTeDA	ng/g	< 0.488	< 0.50	---	< 0.476	< 0.53	---	< 0.481	< 5.30	---	< 0.484	< 5.30	---
PFBS	ng/g	< 0.488	< 0.50	---	< 0.476	< 0.53	---	< 0.481	< 5.30	---	< 0.484	< 5.30	---
PFPeS	ng/g	< 0.488	< 0.50	---	< 0.476	0.3 J	---	< 0.481	< 5.30	---	< 0.484	< 5.30	---
PFHxS	ng/g	48.9	38.8	26.03%	58.3	40.9	42.54%	< 0.481	< 5.30	---	< 0.484	< 5.30	---
PFHpS	ng/g	21.3	18.1	17.68%	3.98	4.2	-5.24%	< 0.481	< 5.30	---	< 0.484	< 5.30	---
PFOS	ng/g	1610 D	910.0	76.92%	198	172.0	15.12%	2.8	2.9 J	-3.45%	< 0.484	< 5.30	---
PFNS	ng/g	< 0.488	2.4	---	< 0.476	0.9 J	---	< 0.481	< 5.30	---	< 0.484	< 5.30	---
PFDS	ng/g	< 0.488	< 0.50	---	< 0.476	< 0.53	---	< 0.481	< 5.30	---	< 0.484	< 5.30	---
PFOSA	ng/g	38.1	26.5	43.77%	66.6	123.0	-45.85%	< 0.481	< 5.30	---	< 0.484	< 5.30	---
4:2 FTSA	ng/g	< 0.488	< 0.50	---	< 0.476	< 0.53	---	< 0.481	< 5.30	---	< 0.484	< 5.30	---
6:2 FTSA	ng/g	229.0	47.8	379.08%	7.56 Q	3.0	152.00%	< 0.481	< 5.30	---	< 0.484	< 5.30	---
8:2 FTSA	ng/g	94.2	36.5	158.08%	6.78 Q	3.7	83.24%	< 0.481	< 5.30	---	< 0.484	< 5.30	---
N-EtFOSAA	ng/g	< 0.488	< 0.50	---	< 0.476	< 0.53	---	< 0.481	< 5.30	---	< 0.484	< 5.30	---
N-MeFOSAA	ng/g	< 0.488	< 0.50	---	< 0.476	< 0.53	---	< 0.481	< 5.30	---	< 0.484	< 5.30	---
Mean RPD				120.09%			53.72%			-3.45%			

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB215 WUR08207-ST1 0.5 - 2 ft SB2109260851JW 9/26/2021 N 2110016	Air Force WURSB215 WUR08207-ST1 0.5 - 2 9/26/2021 N Validated FA89342-3	Air Force WURSB215 WUR081045-ST1 0.5 - 2 9/26/2021 FD Validated FA89342-4		AECOM WURSB215 WUR08210-ST1 10 - 12 ft SB2109260912JW 9/26/2021 N 2110016	Air Force WURSB215 WUR08210-ST1 10 - 12 9/26/2021 N Validated FA89342-7		AECOM WURSB218 WUR08222-ST1 0.5 - 2 ft SB2109261214JW 9/26/2021 N 2110017	Air Force WURSB218 WUR08222-ST1 0.5 - 2 9/26/2021 N Validated FA89342-19	
Compound	Unit	Result	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
PFPeA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	0.644 J	< 5.30	---
PFHxA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
PFHpA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
PFOA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
PFNA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	1.01 J	< 5.30	---
PFDA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
PFUnDA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
PFDoDA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
PFTTrDA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
PFTeDA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
PFBS	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
PFPeS	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
PFHxS	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	1.77 J	< 5.30	---
PFHpS	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
PFOS	ng/g	8.13	8.0 J	8.5 J	1.63%	< 0.497	< 5.20	---	79.8	76.6	4.18%
PFNS	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
PFDS	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
PFOSA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
4:2 FTSA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
6:2 FTSA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	2.22 Q	< 5.30	---
8:2 FTSA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
N-EtFOSAA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
N-MeFOSAA	ng/g	< 0.489	< 5.10	< 5.20	---	< 0.497	< 5.20	---	< 0.493	< 5.30	---
Mean RPD					1.63%						4.18%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB218 WUR08225-ST1 10 - 12 ft SB2109261230JW 9/26/2021 N 2110017	Air Force WURSB218 WUR08225-ST1 10 - 12 9/26/2021 N Validated FA89342-22		AECOM WURSB220 WUR08232-ST1 0.5 - 2 ft SB2110080855WPS 10/8/2021 N 2110123	Air Force WURSB220 WUR08232-ST1 0.5 - 2 10/8/2021 N Validated FA89753-2		AECOM WURSB220 WUR08235-ST1 10 - 12 ft SB2110080936WPS 10/8/2021 N 2110123	Air Force WURSB220 WUR08235-ST1 10 - 12 10/8/2021 N Validated FA89753-5		AECOM WURSB221 WUR08237-ST1 0.5 - 2 ft SB2109261527JW 9/26/2021 N 2110017	Air Force WURSB221 WUR08237-ST1 0.5 - 2 9/26/2021 N Validated FA89342-36	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
PFPeA	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
PFHxA	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
PFHpA	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	0.85 J	< 5.40	---
PFOA	ng/g	0.545 J	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	1.67 J	< 5.40	---
PFNA	ng/g	0.521 J, Q	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	4.89	3.4 J	43.82%
PFDA	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
PFUnDA	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
PFDoDA	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
PFTTrDA	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
PFTeDA	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
PFBS	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
PFPeS	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
PFHxS	ng/g	1.39 J, Q	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	0.982 J	< 5.40	---
PFHpS	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
PFOS	ng/g	37.2	30.9	20.39%	9.08	14.7	-38.23%	< 0.491	< 6.30	---	239	147.0	62.59%
PFNS	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
PFDS	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
PFOSA	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
4:2 FTSA	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
6:2 FTSA	ng/g	1.04 J, Q	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	10.4	< 5.40	---
8:2 FTSA	ng/g	7.93	5.9 J	34.41%	< 0.483	< 6.60	---	< 0.491	< 6.30	---	5.96	5.5 J	8.36%
N-EtFOSAA	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
N-MeFOSAA	ng/g	< 0.497	< 5.20	---	< 0.483	< 6.60	---	< 0.491	< 6.30	---	< 0.485	< 5.40	---
Mean RPD				27.40%			-38.23%						38.26%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB221 WUR08240-ST1 10 - 12 ft SB2109261546JW 9/26/2021 N 2110017	Air Force WURSB221 WUR08240-ST1 10 - 12 9/26/2021 N Validated FA89342-39		AECOM WURSB228 WUR08274-ST1 5 - 7 ft SB2109271309JW 9/27/2021 N 2110017	Air Force WURSB228 WUR08274-ST1 5 - 7 9/27/2021 N Validated FA89344-30		AECOM WURSB228 WUR08275-ST1 10 - 12 ft SB2109271314JW 9/27/2021 N 2110017	Air Force WURSB228 WUR08275-ST1 10 - 12 9/27/2021 N Validated FA89344-31		AECOM WURSB232 WUR04662-ST1 0.5 - 2 ft SB2110061342WPS 10/6/2021 N 2110105	Air Force WURSB232 WUR04662-ST1 0.5 - 2 10/6/2021 N Validated FA89684-26	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
PFPeA	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
PFHxA	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
PFHpA	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
PFOA	ng/g	0.823 J	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
PFNA	ng/g	0.772 J	< 5.30	---	0.836 J	< 5.10	---	< 0.491	< 5.40	---	0.543 J, Q	< 5.30	---
PFDA	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
PFUnDA	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
PFDoDA	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
PFTTrDA	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
PFTeDA	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
PFBS	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
PFPeS	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
PFHxS	ng/g	0.763 J	< 5.30	---	0.760 J, Q	< 5.10	---	0.662 J	< 5.40	---	< 0.491	< 5.30	---
PFHpS	ng/g	0.897 J, Q	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
PFOS	ng/g	125	91.1	37.21%	18.9	28.7	-34.15%	33.0	23.4	41.03%	80.2	16.3	392.02%
PFNS	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
PFDS	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
PFOSA	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
4:2 FTSA	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
6:2 FTSA	ng/g	0.824 J	< 5.30	---	0.757 J, Q	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
8:2 FTSA	ng/g	< 0.498	< 5.30	---	1.41 J	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
N-EtFOSAA	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
N-MeFOSAA	ng/g	< 0.498	< 5.30	---	< 0.479	< 5.10	---	< 0.491	< 5.40	---	< 0.491	< 5.30	---
Mean RPD				37.21%			-34.15%			41.03%			392.02%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB232 WUR04665-ST1-A 14 - 16 ft SB2110061405WPS 10/6/2021 N 2110105	Air Force WURSB232 WUR04665-ST1 10 - 12 10/6/2021 N Validated FA89684-30		AECOM WURSB234 WUR04672-ST1 0.5 - 2 ft SB2110061540WPS 10/6/2021 N 2110105	Air Force WURSB234 WUR04672-ST1 0.5 - 2 10/6/2021 N Validated FA89684-38		AECOM WURSB234 WUR04675-ST1-A 14 - 16 ft SB2110061600WPS 10/6/2021 N 2110105	Air Force WURSB234 WUR04675-ST1-A 14 - 16 10/6/2021 N Validated FA89684-44		AECOM WURSB230 WUR03592-ST1 0.5 - 2 ft SB2110071148WPS 10/7/2021 N 2110123	Air Force WURSB230 WUR03592-ST1 0.5 - 2 10/7/2021 N Validated FA89711-23	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
PFPeA	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
PFHxA	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
PFHpA	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
PFOA	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
PFNA	ng/g	< 0.487	< 5.10	---	0.768 J, Q	< 5.30	---	< 0.483	< 5.20	---	0.886 J	< 5.20	---
PFDA	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
PFUnDA	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
PFDODA	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
PFTTrDA	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
PFTeDA	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
PFBS	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
PFPeS	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
PFHxS	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	0.592 J	< 5.20	---	< 0.496	< 5.20	---
PFHpS	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
PFOS	ng/g	< 0.487	< 5.10	---	79.9	18.1 J	341.44%	127	28.0	353.57%	89	116.0	-23.28%
PFNS	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
PFDS	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
PFOSA	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	5.52	< 5.20	---	< 0.496	< 5.20	---
4:2 FTSA	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
6:2 FTSA	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
8:2 FTSA	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	1.56 J	< 5.20	---	< 0.496	< 5.20	---
N-EtFOSAA	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
N-MeFOSAA	ng/g	< 0.487	< 5.10	---	< 0.499	< 5.30	---	< 0.483	< 5.20	---	< 0.496	< 5.20	---
Mean RPD							341.44%			353.57%			-23.28%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB230 WUR03595-ST1 10 - 12 ft SB2110071205WPS 10/7/2021 N 2110123	Air Force WURSB230 WUR03595-ST1 10 - 12 10/7/2021 N Validated FA89711-26		AECOM WURSB236 WUR04682-ST1 0.5 - 2 ft SB2110070920WPS 10/7/2021 N 2110123	Air Force WURSB236 WUR04682-ST1 0.5 - 2 10/7/2021 N Validated FA89711-9		AECOM WURSB236 WUR04685-ST1-A 14 - 16 ft SB2110070947WPS 10/7/2021 N 2110123	Air Force WURSB236 WUR04685-ST1-A 14 - 16 10/7/2021 N Validated FA89711-14		AECOM WURSB237 WUR08277-ST1 0.5 - 2 ft SB2110081318WPS 10/8/2021 N 2110123	Air Force WURSB237 WUR08277-ST1 0.5 - 2 10/8/2021 N Validated FA89753-12	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.487	< 5.20	---	< 0.482	< 5.30	---
PFPeA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
PFHxA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
PFHpA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
PFOA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	1.11 J	< 5.30	---
PFNA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	0.718 J	< 5.30	---
PFDA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
PFUnDA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
PFDoDA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
PFTTrDA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
PFTeDA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
PFBS	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
PFPeS	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
PFHxS	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	4.12	3.4 J	21.18%
PFHpS	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
PFOS	ng/g	< 0.498	< 5.20	---	17.2	18.3	-6.01%	< 0.478	< 5.20	---	190	200.0	-5.00%
PFNS	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
PFDS	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
PFOSA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	6.91	7.1 J	-2.68%
4:2 FTSA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
6:2 FTSA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	3.89	< 5.30	---
8:2 FTSA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
N-EtFOSAA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
N-MeFOSAA	ng/g	< 0.498	< 5.20	---	< 0.480	< 5.40	---	< 0.478	< 5.20	---	< 0.482	< 5.30	---
Mean RPD							-6.01%						4.50%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB237 WUR08280-ST1-A 14 - 16 ft SB2110081344WPS 10/8/2021 N 2110123	Air Force WURSB237 WUR08280-ST1-A 14 - 16 10/8/2021 N Validated FA89753-18		AECOM WURSB239 WUR08289-ST1 0.5 - 2 ft SB2110251352WPS 10/25/2021 N 2110251	Air Force WURSB239 WUR08289-ST1 0.5 - 2 10/25/2021 N Validated FA90199-11		AECOM WURSB239 WUR08295-ST1 10 - 12 ft SB2110251408WPS 10/25/2021 N 2110251	Air Force WURSB239 WUR08295-ST1 10 - 12 10/25/2021 N Validated FA90199-15		AECOM WURSB241 WUR08302-ST1 0.5 - 2 ft SB2110260847WPS 10/26/2021 N 2110251	Air Force WURSB241 WUR08302-ST1 0.5 - 2 10/26/2021 N Validated FA90209-2	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	< 0.479	< 0.54	---
PFPeA	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	0.727 J	0.45 J	61.56%
PFHxA	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	0.527 J	0.31 J	70.00%
PFHpA	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	1.07 J	0.72 J	48.61%
PFOA	ng/g	0.763 J	< 5.10	---	< 0.491	0.27 J	---	< 0.496	< 0.50	---	2.29	2.0	14.50%
PFNA	ng/g	< 0.497	< 5.10	---	0.768 J	0.60 J	28.00%	< 0.496	< 0.50	---	3.10	2.6	19.23%
PFDA	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	1.09 J	1.3	-16.15%
PFUnDA	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	< 0.479	0.44 J	---
PFDoDA	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	< 0.479	< 0.54	---
PFTTrDA	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	< 0.479	< 0.54	---
PFTeDA	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	< 0.479	< 0.54	---
PFBS	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	< 0.479	< 0.54	---
PFPeS	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	< 0.479	< 0.54	---
PFHxS	ng/g	1.87 J	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	1.66 J	1.3	27.69%
PFHpS	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	< 0.479	< 0.54	---
PFOS	ng/g	17.6	19.8	-11.11%	1.73 J	1.9	-8.95%	< 0.496	< 0.50	---	97.7	102.0	-4.22%
PFNS	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	0.602 J	5.6	-89.25%
PFDS	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	< 0.479	0.37 J	---
PFOSA	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	1.27 J	1.0 J	27.00%
4:2 FTSA	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	< 0.479	< 0.54	---
6:2 FTSA	ng/g	< 0.497	< 5.10	---	13.4	< 0.53	---	< 0.496	< 0.50	---	30.2	1.6	1788%
8:2 FTSA	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	35.7	28.5	25.26%
N-EtFOSAA	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	< 0.479	< 0.54	---
N-MeFOSAA	ng/g	< 0.497	< 5.10	---	< 0.491	< 0.53	---	< 0.496	< 0.50	---	< 0.479	< 0.54	---
Mean RPD				-11.11%			9.53%						164.31%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB241 WUR08305-ST1 10 - 12 ft SB2110260904WPS 10/26/2021 N 2110251	Air Force WURSB241 WUR08305-ST1 10 - 12 10/26/2021 N Validated FA90209-5		AECOM WURSB243 WUR08316-ST1 0.5 - 2 ft SB2110261047WPS 10/26/2021 N 2110251	Air Force WURSB243 WUR08316-ST1 0.5 - 2 10/26/2021 N Validated FA90209-13		AECOM WURSB243 WUR08319-ST1 10 - 12 ft SB2110261057WPS 10/26/2021 N 2110251	Air Force WURSB243 WUR08319-ST1 10 - 12 10/26/2021 N Validated FA90209-16		AECOM WURSB247 WUR08341-ST1 0.5 - 2 ft SB2111021316WPS 11/2/2021 N 2111137	Air Force WURSB247 WUR08341-ST1 0.5 - 2 11/2/2021 N Validated FA90454-9	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.491	< 0.52	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	< 0.52	---
PFPeA	ng/g	< 0.491	< 0.52	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	< 0.52	---
PFHxA	ng/g	< 0.491	< 0.52	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	0.513 J	0.32 J	60.31%
PFHpA	ng/g	< 0.491	0.33 J	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	< 0.52	---
PFOA	ng/g	0.891 J	1.2	-25.75%	< 0.482	< 0.52	---	< 0.494	< 0.52	---	0.864 J	0.55 J	57.09%
PFNA	ng/g	0.614 J	0.83 J	-26.02%	0.748 J, Q	0.68 J	10.00%	< 0.494	< 0.52	---	< 0.475	< 0.52	---
PFDA	ng/g	< 0.491	< 0.52	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	< 0.52	---
PFUnDA	ng/g	< 0.491	< 0.52	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	< 0.52	---
PFDODA	ng/g	< 0.491	< 0.52	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	< 0.52	---
PFTTrDA	ng/g	< 0.491	< 0.52	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	< 0.52	---
PFTeDA	ng/g	< 0.491	< 0.52	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	< 0.52	---
PFBS	ng/g	< 0.491	< 0.52	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	< 0.52	---
PFPeS	ng/g	< 0.491	< 0.52	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	< 0.52	---
PFHxS	ng/g	0.947 J	0.94 J	0.74%	0.538 J	0.27 J	99.26%	< 0.494	0.4 J	---	2.20	1.6	37.50%
PFHpS	ng/g	< 0.491	0.37 J	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	< 0.52	---
PFOS	ng/g	48.4	73.6	-34.24%	34.8	39.1	-11.00%	1.64 J, Q	1.9	-13.68%	42.6	36.8	15.76%
PFNS	ng/g	< 0.491	< 0.52	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	0.39 J	---
PFDS	ng/g	< 0.491	< 0.52	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	< 0.52	---
PFOSA	ng/g	< 0.491	< 0.52	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	2.37 Q	2.1	12.86%
4:2 FTSA	ng/g	< 0.491	< 0.52	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	<0.475	< 0.52	---
6:2 FTSA	ng/g	5.43	3.3	64.55%	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	< 0.52	---
8:2 FTSA	ng/g	2.76	5.0	-44.80%	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	< 0.52	---
N-EtFOSAA	ng/g	< 0.491	< 0.52	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	< 0.52	---
N-MeFOSAA	ng/g	< 0.491	< 0.52	---	< 0.482	< 0.52	---	< 0.494	< 0.52	---	< 0.475	< 0.52	---
Mean RPD				-10.92%			32.75%			-13.68%			36.70%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB247 WUR08346A-ST1 14 - 16 ft SB2111021355WPS 11/2/2021 N 2111137	Air Force WURSB247 WUR08346-ST1-A 14 - 16 11/2/2021 N Validated FA90454-14		AECOM WURSB249 WUR05604 0.5 - 2 ft SB2111081044WPS 11/8/2021 N 2111137	Air Force WURSB249 WUR05604 0.5 - 2 11/8/2021 N Validated FA90707-2		AECOM WURSB249 WUR05607 9 - 11 ft SB2111081105WPS 11/8/2021 N 2111137	Air Force WURSB249 WUR05607 9 - 11 11/8/2021 N Validated FA90707-5		AECOM WURSB250 WUR05610 0.5 - 2 ft SB2111081345WPS 11/8/2021 N 2111137	Air Force WURSB250 WUR05610 0.5 - 2 11/8/2021 N Validated FA90707-14	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.491	< 0.49	---	< 0.489	< 0.53	---	< 0.498	< 0.51	---	< 0.475	< 0.52	---
PFPeA	ng/g	< 0.491	< 0.49	---	< 0.489	< 0.53	---	< 0.498	< 0.51	---	< 0.475	< 0.52	---
PFHxA	ng/g	< 0.491	< 0.49	---	< 0.489	< 0.53	---	< 0.498	< 0.51	---	< 0.475	< 0.52	---
PFHpA	ng/g	< 0.491	< 0.49	---	< 0.489	< 0.53	---	< 0.498	< 0.51	---	< 0.475	< 0.52	---
PFOA	ng/g	0.682 J	0.52 J	31.15%	< 0.489	0.36 J	---	0.804 J	0.85 J	-5.41%	< 0.475	< 0.52	---
PFNA	ng/g	<0.491	< 0.49	---	0.970 J	0.92 J	5.43%	0.671 J	0.70 J	-4.14%	< 0.475	0.31 J	---
PFDA	ng/g	< 0.491	< 0.49	---	0.673 J	0.66 J	1.97%	< 0.498	< 0.51	---	< 0.475	< 0.52	---
PFUnDA	ng/g	< 0.491	< 0.49	---	< 0.489	0.45 J	---	< 0.498	< 0.51	---	< 0.475	< 0.52	---
PFDoDA	ng/g	< 0.491	< 0.49	---	< 0.489	< 0.53	---	< 0.498	< 0.51	---	< 0.475	< 0.52	---
PFTTrDA	ng/g	< 0.491	< 0.49	---	< 0.489	< 0.53	---	< 0.498	< 0.51	---	< 0.475	< 0.52	---
PFTeDA	ng/g	< 0.491	< 0.49	---	< 0.489	< 0.53	---	< 0.498	< 0.51	---	< 0.475	< 0.52	---
PFBS	ng/g	< 0.491	< 0.49	---	< 0.489	< 0.53	---	< 0.498	< 0.51	---	< 0.475	< 0.52	---
PFPeS	ng/g	< 0.491	< 0.49	---	< 0.489	< 0.53	---	< 0.498	< 0.51	---	< 0.475	< 0.52	---
PFHxS	ng/g	1.30 J, Q	1.2	8.33%	0.496 J	0.47 J	5.53%	0.563 J	0.73 J	-22.88%	< 0.475	< 0.52	---
PFHpS	ng/g	< 0.491	< 0.49	---	< 0.489	< 0.53	---	< 0.498	< 0.51	---	< 0.475	< 0.52	---
PFOS	ng/g	2.79	3.0	-7.00%	19.9	23.6	-15.68%	28.3	39.9	-29.07%	24.1	24.5	-1.63%
PFNS	ng/g	< 0.491	< 0.49	---	0.540 J	2.6	-79.23%	< 0.498	1.2	---	< 0.475	0.65 J	---
PFDS	ng/g	< 0.491	< 0.49	---	< 0.489	0.37 J	---	< 0.498	< 0.51	---	< 0.475	< 0.52	---
PFOSA	ng/g	< 0.491	< 0.49	---	0.489 J, Q	0.43 J	13.72%	0.594 J	1.2	-50.50%	< 0.475	< 0.52	---
4:2 FTSA	ng/g	< 0.491	< 0.49	---	0.656 J, Q	< 0.53	---	< 0.498	< 0.51	---	< 0.475	< 0.52	---
6:2 FTSA	ng/g	< 0.491	< 0.49	---	34.1	< 0.53	---	2.80	1.1	154.55%	4.01	< 0.52	---
8:2 FTSA	ng/g	< 0.491	< 0.49	---	3.35	2.1	59.52%	13.1	11.7	11.97%	0.960 J	1.2	-20.00%
N-EtFOSAA	ng/g	< 0.491	< 0.49	---	< 0.489	< 0.53	---	< 0.498	< 0.51	---	< 0.495	< 0.52	---
N-MeFOSAA	ng/g	< 0.491	< 0.49	---	< 0.489	< 0.53	---	< 0.498	< 0.51	---	< 0.475	< 0.52	---
Mean RPD				10.83%			-1.25%			7.79%			-10.82%

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB250 WUR05616 9 - 11 ft SB2111081414WPS 11/8/2021 N 2111137	Air Force WURSB250 WUR05616 9 - 11 11/8/2021 N Validated FA90707-18		AECOM WURSB252 WUR03597 0.5 - 2 ft SB2111091213WPS 11/9/2021 N 2111137	Air Force WURSB252 WUR03597 0.5 - 2 11/9/2021 N Validated FA90704-2		AECOM WURSB252 WUR03600 9 - 11 ft SB2111091256WPS 11/9/2021 N 2111137	Air Force WURSB252 WUR03600 9 - 11 11/9/2021 N Validated FA90704-5	
Compound	Unit	Result	Result	RPD	Result	Result	RPD	Result	Result	RPD
PFBA	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
PFPeA	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
PFHxA	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
PFHpA	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
PFOA	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
PFNA	ng/g	0.579 J	0.46 J	25.87%	< 0.495	0.31 J	---	< 0.499	< 0.52	---
PFDA	ng/g	< 0.495	< 0.50	---	< 0.495	0.41 J	---	< 0.499	< 0.52	---
PFUnDA	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
PFDoDA	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
PFTTrDA	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
PFTeDA	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
PFBS	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
PFPeS	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
PFHxS	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
PFHpS	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
PFOS	ng/g	4.47	5.0	-10.60%	85.5	93.6	-8.65%	< 0.499	0.35 J	---
PFNS	ng/g	< 0.495	< 0.50	---	< 0.495	0.79 J	---	< 0.499	< 0.52	---
PFDS	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
PFOSA	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
4:2 FTSA	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
6:2 FTSA	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
8:2 FTSA	ng/g	< 0.495	< 0.50	---	< 0.495	< 0.53	---	< 0.499	< 0.52	---
N-EtFOSAA	ng/g	< 0.495	< 0.50	---	< 0.495	< 2.70	---	< 0.499	< 0.52	---
N-MeFOSAA	ng/g	< 0.495	< 0.50	---	< 0.495	< 2.70	---	< 0.499	< 0.52	---
Mean RPD				7.63%			-8.65%			

Table 6
Soil Samples
2021
Former Wurtsmith Air Force Base

Sampler Air Force Station ID Air Force Sample ID Sample Interval (ft bgs) EGLE Sample ID Sample Date Sample Type Validated Lab Report		AECOM WURSB253 WUR05623 0.5 - 2 ft SB2112160936WPS 12/16/2021 N 2112194	Air Force WURSB253 WUR05623 0.5 - 2 12/16/2021 N Validated FA91789-2		AECOM WURSB253 WUR05625 5 - 7 ft SB2112161011WPS 12/16/2021 N 2112194	Air Force WURSB253 WUR05625 5 - 7 12/16/2021 N Validated FA91789-4		Average of RPDs by Analyte
Compound	Unit	Result	Result	RPD	Result	Result	RPD	
PFBA	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	179.3%
PFPeA	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	56.2%
PFHxA	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	180.3%
PFHpA	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	54.6%
PFOA	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	42.2%
PFNA	ng/g	0.526 J	0.39 J	34.87%	< 0.478	0.41 J	---	24.6%
PFDA	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	27.8%
PFUnDA	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	18.5%
PFDODA	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	---
PFTTrDA	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	---
PFTeDA	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	---
PFBS	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	62.0%
PFPeS	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	68.4%
PFHxS	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	25.2%
PFHpS	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	-3.3%
PFOS	ng/g	32.1	25.7	24.90%	14.9	16.3	-8.59%	20.1%
PFNS	ng/g	< 0.490	0.28 J	---	< 0.478	< 0.51	---	-64.5%
PFDS	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	-22.5%
PFOSA	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	31.9%
4:2 FTSA	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	---
6:2 FTSA	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	719.2%
8:2 FTSA	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	182.1%
N-EtFOSAA	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	65.0%
N-MeFOSAA	ng/g	< 0.490	< 0.54	---	< 0.478	< 0.51	---	---
Mean RPD				29.89%			-8.59%	75.35%