



**BENNER TOWNSHIP PFAS INVESTIGATION
REQUISITION NUMBER GTAC7-4-106
Change Order 06
WORK PLAN/COST ESTIMATE**

March 3, 2022

The Pennsylvania Department of Environmental Protection (PADEP) has requested HDR Engineering, Inc. (HDR) to assist in determining the source and extent of per- and polyfluoroalkyl substances (PFASs) that were detected in potable wells at properties along High Tech Road in Benner Township during a groundwater investigation completed by the PADEP's Water Supply Program in 2019. The PADEP assigned the Scope of Work (SOW) and the Project Requisition to HDR on June 10 and July 21, 2020, respectively.

The PADEP recently conducted private water supply sampling in December 2021 for several properties located on Walnut Grove Drive, Milson Circle, Rock Road and Shiloh Road in Benner Township. PFAS concentrations measured in parts per trillion were detected in some of the potable wells that were sampled during that event. This Work Plan presents the SOW and Cost Estimate (CO-06) for HDR to assist the PADEP with collecting water samples from potable wells located in the Walnut Grove development and to prepare data tables and figures with the sample results.

PROJECT DESCRIPTION

During the summer of 2019, the PADEP's Bureau of Safe Drinking Water completed a groundwater sampling event for a public supply well and potable wells located at properties along High Tech Road in Benner Township, Pennsylvania (Site). A public water supply well is located at the State of the Art, Inc. (SOTA) property; a potable well is located at the Matreya, LLC property; and, a potable well is located at the Handy Delivery, Inc., property. The SOTA supply well was sampled by the Water Supply Program and the Handy Delivery and Matreya wells were sampled by the PADEP's Environmental Cleanup and Brownfields Program staff. All the wells were sampled for PFAS. The analysis indicated that PFAS was present at a concentration of 114 parts per trillion (ppt) for combined perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) in the SOTA well, 138.6 ppt in the Matreya, LLC (Matreya) potable well, and 112.1 ppt in the Handy Delivery well. All three of the samples exceeded the Environmental Protection Agency (EPA) Health Advisory Level (HAL) of 70 ppt for combined PFOS and PFOA. A new potable well located at the Nittany Express was installed in November 2019. The Nittany Express property owner has not responded to several PADEP requests to access the potable well for sampling. The SOTA and Matreya properties have formerly or currently conducted manufacturing activities. Possible manufacturing activities may have occurred or are occurring at other businesses located on High Tech Road.

The University Park Airport (UPA) is managed by two entities: Penn State University (PSU) and the Centre County Airport Authority (CCAA). PSU is the designated sponsor of UPA responsible for overseeing all airside facilities (runways, taxiways, and aprons). PSU is responsible for maintenance of all airfield surface pavements, snow removal, Aircraft Rescue Fire Fighting

(ARFF) equipment, oversight of the fuel farm and fueling operations, as well as hanger and tenant leasing and rental negotiations. PSU reported use of aqueous film forming foam (AFFF) at UPA for firefighting testing as mandated by the Federal Aviation Administration (FAA). Upon request from PADEP, PSU initially sampled three monitoring wells in February and March 2020 that are identified as FedEx1 and APT-1, and Haller Farm South). The combined PFOS and PFOA results from all the wells were less than the EPA HAL. In February and March 2020, PSU also sampled several potable wells that are located on PSU property to the north and east of the airport and High Tech Road. The wells exhibited combined PFOS and PFOA concentrations less than the HAL.

PROJECT BACKGROUND

HDR conducted a due diligence investigation based on the Work Plan submitted to the PADEP in October 2020. The due diligence was performed as an initial effort toward gaining a better understanding of the history and potential use of PFAS materials by properties in the vicinity of High Tech Road and Fox Hill Road in Benner Township, Centre County Pennsylvania. The due diligence included a desktop study, a regulatory database search, site reconnaissance visits, and questions and review of relevant information from regulatory agencies and property owners.

The regulatory database search conducted by Environmental Data Resources (EDR) included fire insurance maps, historical aerial photographs, historical topographic maps, city directory information, and the EDR Radius Report. None of the twenty-one listings within the EDR Radius Report were identified as potential environmental concerns for the Study Area based on factors such as nature of the listing, cleanup/closure status, and distances from the Study Area, hydraulic gradient, or geology.

A draft Due Diligence Summary Report was submitted to the PADEP on February 19, 2021. In March 2021, the PADEP provided HDR with comments to the draft report and a revised draft report was submitted on March 19, 2021. In early May 2021, HDR, the PADEP Project Officer and other representatives from the PADEP discussed their comments to the revised report. PADEP requested HDR to review former on-lot septic systems for several properties at the Site. HDR met with officials from Benner Township to review planning files and conducted a Site visit on May 26, 2021 to review properties along High Tech Road. The final Due Diligence Summary Report was submitted to the PADEP on June 15, 2021 and included recommendations to conduct a soil sampling investigation.

In September 2021, HDR submitted Work Plan that proposed a soil investigation for the UPA and properties along High Tech Road, and background locations at Rock Road, Walnut Grove Drive, and S. Fillmore Road. The soil investigation was approved by the PADEP. Soil samples from the UPA property were collected by PSU in December 2021 and submitted for analysis of PFAS. Data from the UPA is not yet available. The soil boring investigation for the remaining properties is scheduled to commence in February 2022.

In December 2021, the PADEP collected water samples from water sources at six (6) properties located to the south and east of UPA. The samples were submitted to the Bureau of Laboratories (BOL) for analysis of several PFAS parameters. Concentrations of PFOS and PFOA were exhibited in several of the samples. The MSC for PFOS (0.07 ug/L) was exceeded in one of the samples collected from a potable well located in the Walnut Grove development.

On January 12, 2022, the PADEP requested HDR to obtain a quote for PFAS analysis under HDR's existing lab requisition. The laboratory quote from Eurofins and a cost estimate for the

analysis of the samples was submitted to the PADEP in Change Order 04 on January 19, 2022. The PADEP collected potable water samples from seven (7) properties that are located near the UPA during the week of February 21, 2022. The six (6) water samples were submitted to Eurofins for analysis of PFAS parameters and one (1) sample was submitted to the Bureau of Laboratories (BOL).

During a teleconference meeting on February 10, 2022, the PADEP requested HDR to prepare a Change Order/Work Plan to assist them with the collection of samples from approximately thirty-seven (37) properties. Extra sample bottles were requested by the PADEP in the event there are more property owners that are interested in having their well sampled. The PADEP requested HDR to prepare a report that summarizes the analytical groundwater data collected during the December 2021 event and the upcoming sampling events in February and March 2022.

PROPOSED SCOPE OF WORK

HDR has prepared the Work Plan based on the items that were discussed during the February 10, 2022 teleconference meeting. The objective is to collect water samples from potable water wells at properties that are generally south of the UPA in the Walnut Grove development. Each sample will be submitted to a laboratory for the analysis of PFAS via EPA Method 537.1. The list of proposed work for the Work Plan is provided below:

- Procurement of vendors, suppliers, contractors as warranted.
- Two (2) field technicians to assist the PADEP with collecting of potable water samples from approximately thirty-seven (37) to forty-five (45) residential properties.
- Review well questionnaire forms completed by the property owners.
- Evaluate the analytical reports from the potable well samples collected during December 2021 and the samples planned to be collected in February 2022 and March 2022.
- Summarize the sampling data into a tables and figures utilizing Geographic Information System (GIS) mapping tools.

WBS-1000 Project Management

Work for this task includes conducting miscellaneous project management duties such as invoice review, review of Daily Activity Reports (DARs), budgeting and general project management, PADEP project communications, small change order efforts, etc.

WBS-1010 Project Planning

The current funding for this task was exceeded based on HDR's prior project planning discussions with the PADEP regarding the sampling and analysis of PFAS from potable wells in Benner Township. This Work Plan/Change Order requests funding for these discussions plus the preparation of the draft and final Work Plan and Cost Estimate (CO-06).

WBS-1040 Procurement

The lab services required for this scope of work will exceed the GTAC sole source threshold of \$10,000.00. Therefore, HDR will procure bids and submit a Subcontract Approval Form (SAF) along with the appropriate back-up documentation to the PADEP for recommended contractors. New funding is being requested for this task for the following contractor:

- Analytical Services – HDR will review the laboratory's analytical procedure and recommend a contact laboratory capable of accommodating up to forty-five (45) potable well samples for the analysis of eighteen (18) PFAS parameters via EPA Method 537.1. HDR will indicate in the bid the lab will need to provide a copy of their accreditation and

that they can accept the samples within the anticipated timeframe of sampling in March 2022.

WBS-2000 Data Evaluation

HDR will review the laboratory analytical reports associated with the water samples collected during the following events:

- December 2021 (completed) – six (6) samples collected by PADEP and analyzed by BOL
- February 2022 (planned) – up to six (6) samples collected by PADEP to be analyzed by Eurofins and one (1) sample to be analyzed by the PADEP BOL.
- March 2022 (planned) – up to forty-five (45) samples collected by PADEP and HDR to be analyzed by the laboratory recommended in the SAF.

The data evaluation will be completed as presented in the Data Quality Objective Process included in Section 4.0 of the Sampling Analysis Plan (SAP).

WBS-2001 GIS Applications

HDR will utilize GIS applications to create site maps to present figures including general information including, but not limited to, the parcel boundary of each property sampled and indicated if PFAS concentrations were detected in the sample collected from the potable well.

WBS-2070-Report Preparation

HDR will prepare summary tables and figures with the sampling data collected during December 2021 (6 locations), February 2022 (7 locations) and March 2022 (up to 45 locations) for a total of fifty-seven (58) sample points. The tables and figures will be provided to the PADEP under a cover letter and will include the following:

- Table 1 – PFAS results from the six (6) properties collected by the PADEP in December 2021, the seven (7) properties collected by the PADEP during the week of February 21, 2022, and the forty-five (45) properties collected by PADEP and HDR in March 2022. This table would include the property owner name, address, sample date, eighteen (18) PFAS parameters and the applicable medium specific concentrations (MSCs).
- Table 2 – General sampling data and potable well information for approximately fifty-eight (58) properties.
- Tables 3-60 – A summary table would be prepared for each sample point (property/potable well) with the eighteen (18) PFAS parameters.
- Figure 1 – 11 x 17 Site Map with the study area, parcel boundaries and a legend with the parcels that were sampled and if PFAS was detected or not.
- Figure 2 – 11 x 17 Site Map with the Walnut Grove development and a legend with the parcels that were sampled and if PFAS was detected or not.

In addition, HDR will download photographs from the POE and POET systems and prepare a photo log for each parcel that was sampled. The following items will not be included with the tables and figures but will be provided separately to the PADEP.

- Field forms/field notes
- Eurofins laboratory reports
- BOL laboratory reports
- Photo documentation forms

This task also includes the preparation and submittal of three (3) Project Status Reports (PSRs) to the PADEP.

WBS-3012 Groundwater Sampling

The PADEP is in the process of contacting homeowners to arrange for the collection of a water sample. A list of the proposed properties to be sampled is provided in Attachment A. According to the PADEP, there are approximately thirty-seven (37) to forty-five (45) homes located in the Walnut Grove development that are planned for the potable well sampling. HDR proposes to provide two (2) field technicians to support the PADEP in the collection of as many water samples as possible from potable wells or other water sources over a period of three (3) consecutive days. The schedule of the sampling event will be provided by the PADEP. Any properties that cannot be sampled at the conclusion of the 3-day period will be completed by PADEP staff. HDR will coordinate the ordering of the sampling containers and arranging for the pickup of the samples from the Benner Township municipal building.

Each HDR field technician will be paired with a representative of the PADEP during the collection of the samples. PFAS sampling protocols will be used by the PADEP and HDR team members. HDR will complete a tailgate safety meeting and a PFAS checklist with the PADEP at the beginning of each day of sampling. The sampling sequence of the properties will be determined by the PADEP. All the water samples will be collected and analyzed in accordance with the SAP and submitted to the recommended contract laboratory for a normal turnaround time (TAT). A field duplicate sample will be collected at a rate of 10% (1 per every 10 samples). Each sample collected from a potable well will require the field sample plus the field reagent blank (FRG) sample. The FRG will only be analyzed in the event a detection of PFAS is detected above the Reporting Limit (RL) in the field sample.

The objective is to collect each water sample prior to a point of entry treatment (POET) system. In the event a pre-POET system sample cannot be collected, or if the POET system cannot be turned off prior to the sample team's arrival, then a sample will be collected to the nearest point of entry (POE) to the well as possible. Water samples may be collected from either outdoor or indoor POE locations. HDR understands that the PADEP would prefer to collect the sample from an outdoor spigot. In the event an outdoor spigot is not available, then HDR will accompany the PADEP to collect the sample from inside the home. Photo documentation of the POE will be completed by HDR prior to the collection of the water sample. The POE sample location and the sample collection method will be documented in a field book or the well survey form.

PROJECT STAFFING/MANAGEMENT

The project will be managed and staffed by HDR employees from the Mechanicsburg and Bethlehem, Pennsylvania offices. Key staff assigned to this project are listed below.

- **Project Oversight, Quality Assurance and Quality Control** - Tom McMonagle, P.G.
- **Project Manager** - Matthew Blanchard
- **Project Geologist** – Vincent Carbone, P. G.
- **Project GIS** – Ben York
- **Scientist/Technicians** – Will vary depending on availability, but HDR representatives will be mobilized from HDR's Mechanicsburg, Philadelphia, Pittsburgh, or Bethlehem offices.

KEY UNDERSTANDINGS

- PADEP will coordinate the well questionnaire forms, sample time and access with the property owners.
- HDR will prepare the summary tables and figures as the sample reports and questionnaires become available.
- A lead time of five (5) business days is requested by HDR prior to the start of the sampling event to order the sample bottles and coordinate field personnel.
- HDR personnel will not conduct water sampling during the weekends.
- Disposal costs for Investigative Derived Waste (IDW) generated during the sampling of the potable wells are not included in this Change Order.
- A Change Order may be necessary in the event the PADEP requests to sample more properties for PFAS analysis.
- HDR's updated 2022 GTAC rates were used in this Change Order, which are pending PADEP approval.

PROJECT REPORTING

Deliverables for this Work Plan will consist of the following:

- Summary tables, figures, analytical reports, photo documentation, and field notes.
- Monthly Project Status Reports
- Meeting Minutes (as necessary)

HEALTH AND SAFETY PLAN

All fieldwork will be conducted in accordance with the Site-Specific HASP which will be prepared and provided upon approval of this Work Plan. Tailgate safety briefings will be performed daily, and all employees will have stop-work authority. PFAS guidance documents will be reviewed regarding clothing and materials that are permitted for the collection of the samples.

SAMPLE ANALYSIS

All the groundwater samples will be submitted to the recommended lab for analysis. HDR will ensure all samples are couriered under proper chain of custody to the laboratory. HDR will obtain the required sample containers for soil samples. HDR will coordinate with the laboratory so that the samples are processed within the standard holding times.

The laboratory will be able to accommodate the volume of PFAS samples anticipated for this scope of work. The list of PFAS parameters is provided in the project's SAP. All the samples will be analyzed via EPA Method 537.1. The SAP was approved by the PADEP and submitted to the PADEP on February 11, 2022.

COST ESTIMATE

The cost for the work detailed within this Work Plan is presented in the attached summary table and is summarized by the PADEP WBS Tasks.

SCHEDULE

The proposed start date of the potable well sampling event is scheduled to begin during the week of March 14 or March 21, 2022. The start date will be confirmed by the PADEP. A lead time of one week (5 business days) is requested by HDR prior to the start of the sampling event to order the sample bottles and coordinate field personnel. It is anticipated that up to forty-five (45) potable well samples will be collected and submitted to the laboratory by April 8, 2022. HDR estimates that the summary tables for each parcel sampled will be provided to the PADEP approximately ten (10) business days after the receipt of the analytical reports.

ATTACHMENT

- A – List of proposed properties to sample potable wells

COST ESTIMATE

CHANGE ORDER

In-Scope

Out-of-Scope

Project: Benner Twp

Change Order No.: 6

Date: 3/3/22

Requisition No: GTAC7-4-106

Contractor: HDR Engineering

Regional PM: John Ciccone

Contractor PM: Matthew Blanchard

Description of Adjustment:

This Change Order requests funding for project management (Task 1000), procurement (Task 1040), data evaluation (Task 2000), GIS applications (Task 2001), report prep (Task 2070), project meetings (Task 2200), and groundwater sampling (Task 3012) activities.

Reason / Justification for the Adjustment:

During a teleconference meeting on February 10, 2022, the PADEP requested HDR to prepare a Change Order to support them over a 3 day period with the collection of up to ~45 potable wells and have the samples submitted for PFAS analysis. The results of the PFAS samples (including the prior samples collected by the PADEP in December 2021 and February 2022) will be summarized in tables and figures. It's possible that more property owners may contact the PADEP and be interested in having their well sampled and tested for PFAS.

Schedule Impact:


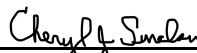
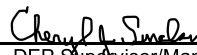

The PADEP intends to conduct the sampling event for several properties located in the Walnut Grove development in Benner Township durin mid-March. The PADEP will confirm the sample period with the property owners.

Current Project Budget: \$88,903.35

Cost of Change Order: \$54,765.19

Task:	1000	\$1,577.01
	1010	\$2,923.10
	1040	\$1,013.67
	2000	\$1,753.38
	2001	\$2,487.60
	2070	\$10,312.52
	2200	\$953.76
	3012	\$33,744.15

New Project Budget: \$143,668.54

	<u>3/3/2022</u>
Contractor Representative	Date
	<u>3/3/2022</u>
DEP Project Manager	Date
	<u>3/3/2022</u>
DEP Supervisor/Manager	Date
	<u>3/3/22</u>
DEP ECP Manager/Division Chief	Date
DEP Contract Manager	Date

Estimate Attached

Work Plan Addendum Attached

Revised Schedule Attached

**Task Summary: Change Order 06
Benner Township Site
Requisition Number GTAC7-4-106
March 2022**

WBS	Current Task Authorization	Est. Remaining Funding (as of 1/29/22)	Change Order 06 Funding Request	New Total Authorization
Task 1000- Project Management	\$ 4,231.67	\$ 710.72	\$1,577.01	\$ 5,808.68
Task 1010- Project Planning	\$ 15,404.00	\$ (545.91)	\$2,923.10	\$ 18,327.10
Task 1020-File/Document Review	\$ 12,916.94	\$ 930.34	\$0.00	\$ 12,916.94
Task 1040 - Procurement	\$ 2,559.31	\$ 248.45	\$1,013.67	\$ 3,572.98
Task 2000 - Data Evaluation	\$ -	\$ -	\$1,753.38	\$ 1,753.38
Task 2001 - GIS Applications	\$ -	\$ -	\$2,487.60	\$ 2,487.60
Task 2070 - Report Prep	\$ 20,863.21	\$ 8,060.05	\$10,312.52	\$ 31,175.73
Task 2200 - Project Meetings	\$ 2,509.37	\$ 1,213.64	\$953.76	\$ 3,463.13
Task 3000 - Site Survey/Utility Markout	\$ 4,819.34	\$ 85.85	\$0.00	\$ 4,819.34
Task 3011 - Soil Sampling	\$ 19,318.04	\$ 20,092.57	\$0.00	\$ 19,318.04
Task 3012 - Groundwater Sampling	\$ 4,602.61	\$ -	\$33,744.15	\$ 38,346.76
Task 3080 - IDW Disposal	\$ 1,678.86	\$ -	\$0.00	\$ 1,678.86
Totals	\$ 88,903.35	\$ 30,795.71	\$ 54,765.19	\$ 143,668.54

**Cost Estimate: Change Order 06
Benner Township Site
Requisition Number GTAC7-4-106
March 2022**

WBS	Description	Classification	Hours / Quantity	Unit Rate	Cost Estimate	Comments
1000	Project Management				\$1,577.01	
1000.01	<i>Correction to PM budget from CO 03</i>				<i>\$1,577.01</i>	
	McMonagle, Tom	Program Manager	1	\$207.21	\$207.21	Project QC, support
	Blanchard, Matthew	Project Manager/Sr. Environmental Scientist	10	\$136.98	\$1,369.80	Review DARS, project updates to/from PADEP, invoice reviews,
1010	Project Planning				\$2,923.10	
1010.01	<i>Project Planning</i>				<i>\$2,923.10</i>	
	Blanchard, Matthew	Project Manager/Sr. Environmental Scientist	15	\$136.98	\$2,054.70	Project planning calls and communication with the PADEP for PFAS water sampling, prep the draft and final WP and CE
	Markowitz, Katie	RA/Env. Sci	8	\$97.41	\$779.28	Support prep of the WP and CE
	Eskin, Connie	Admin Assistant	1	\$89.12	\$89.12	Prep and format the WP and CE
1040	Procurement				\$1,013.67	
1040.01	<i>Increase the existing lab fee for 45 proposed water samples</i>				<i>\$1,013.67</i>	
	Blanchard, Matthew	Project Manager/Sr. Environmental Scientist	1	\$136.98	\$136.98	Bid review, support, submit SAF
	Markowitz, Katie	RA/Env. Sci	9	\$97.41	\$876.69	Prepare sow. submit and request bids and info from labs for PFAS analysis. Prepare SAF
2000	Data Evaluation				\$1,753.38	
2000.01	<i>Review analytical reports for ~ 58 PFAS water samples</i>				<i>\$1,753.38</i>	
	Markowitz, Katie	RA/Env. Sci	18	\$97.41	\$1,753.38	Manage lab data for project file, verify data quality in ~58 lab
2001	GIS Applications				\$2,487.60	
2001.1	<i>Update GIS mapping with PFAS water and well data</i>				<i>\$2,487.60</i>	
	York, Ben	Sr. GIS Analyst	15	\$100.90	\$1,513.50	Convert well survey into digital form and establish online service for survey App, map development, prepare GIS mapping figures (2)
	Markowitz, Katie	RA/Env. Sci	10	\$97.41	\$974.10	points
2070	Report Preparation				\$10,312.52	
2070.01	<i>Prepare summary tables and figures with the groundwater results and well survey</i>				<i>\$10,312.52</i>	
	Markowitz, Katie	RA/Env. Sci	40	\$97.41	\$3,896.40	Review summary tables (3 -60), complete photo documentation template and photo log for ~58 POE and POET systems
	Tarbell, Chelsea	Environmental Scientist	90	\$62.96	\$5,666.40	Create gw data summary tables and data entry for Tables 1, 2 and 3-60 for ~58 sample points; review PADEP well survey forms and upload to project file.
	York, Ben	Sr. GIS Analyst	2	\$100.90	\$201.80	Prepare GIS mapping figures (2)
	Blanchard, Matthew	Project Manager/Sr. Environmental Scientist	4	\$136.98	\$547.92	Prep PSRs (2), QC summary data tables, photo logs, and GIS maps. Forward data tables, and figures to the PADEP.
2200	Project Meetings				\$953.76	
2200.01	<i>Meetings with PADEP personnel</i>				<i>\$953.76</i>	
	McMonagle, Tom	RA/Env. Sci	1	\$207.21	\$207.21	Project meeting, planning calls with the PADEP
	Carbone, Vincent	Project Geologist	1	\$198.63	\$198.63	Project meeting with PADEP
	Blanchard, Matthew	Project Manager/Sr. Environmental Scientist	4	\$136.98	\$547.92	Prep for meetings, meeting minutes, discussions with PADEP for next steps
3012	Groundwater Sampling				\$33,744.15	
3012.01	<i>Assist the PADEP with collecting potable well samples for 3 consecutive days (up to 45 potable wells)</i>				<i>\$33,744.15</i>	
	Blanchard, Matthew	Project Manager/Sr. Environmental Scientist	3	\$129.25	\$387.75	Prep and coordination with field team, PADEP, laboratory, township, review H&S (JHAs), receipt of well survey forms from PADEP
	Markowitz, Katie	RA/Env. Sci	80	\$97.41	\$7,792.80	3 days onsite to collect up to 45 samples (10hrs/day), travel from office to site, office paperwork prep and wrapup, prep DARS, coordinate sample delivery with lab, review PFAS field sampling protocols, coordination with PADEP for remaining and additional potable wells, download photos.
	Nush, Spencer	EIT	52	\$86.80	\$4,513.60	3 days onsite to collect up to 45 samples (10hrs/day), review PFAS protocols, travel from office to site, office paperwork for prep and wrapup, download photos
	Rental vehicle	Rental	1	\$225.00	\$225.00	Estimate for vehicle and fuel (3 days)
	Rental vehicle	Rental	1	\$225.00	\$225.00	Estimate for vehicle and fuel (3 days)
	Meals & Incidentals	Standard US GSA Rate for State College, PA	6	\$57.50	\$345.00	75% of standard US GSA rate for first and last day of travel, 2 samplers, 1 events (travel in excess of 50 miles one way).
	Lodging	Standard US GSA Rate for State College, PA	4	\$100.00	\$400.00	2 overnights for each sampler (2), 1 event (travel in excess of 50 miles one way). (excludes taxes)
	Misc. sampling equipment	Estimated	1	\$100.00	\$100.00	PPE, nitrile gloves, misc. field supplies
	PFAS Analytical Costs + Courier fees + Extract and Hold (Sub)	Estimated	1	\$19,755.00	\$19,755.00	Recommended lab to be submitted via SAF.
Total					\$54,765.19	

ATTACHMENT A

Address	State_City_Zip	Survey Returned?
1004 S. Fillmore Road	State College, PA 16801	Yes
1241 Fox Hill Road	State College, PA 16801	N/A
1276 Barns Ln	Bellefonte, PA 16823	
1412 Majestic View Dr	State College, PA 16801	Yes
1413 MAJESTIC VIEW DR	State College, PA 16801	
1418 MAJESTIC VIEW DR	State College, PA 16801	
1419 MAJESTIC VIEW DR	State College, PA 16801	
1424 MAJESTIC VIEW DR	State College, PA 16801	
1425 MAJESTIC VIEW DR	State College, PA 16801	
1430 MAJESTIC VIEW DRIVE	State College, PA 16801	
1431 MAJESTIC VIEW DR	State College, PA 16801	
1436 MAJESTIC VIEW DR	State College, PA 16801	
1437 Majestic View Dr	State College, PA 16801	Yes
1442 MAJESTIC VIEW DR	State College, PA 16801	
1443 Majestic View Dr	State College, PA 16801	Yes
1667 Buffalo Run Road	Bellefonte, PA 16823	
1667 Fox Hill Road	State College, PA 16801	
1810 Walnut Grove Dr	State College, PA 16801	Yes
1811 WALNUT GROVE DR	State College, PA 16801	
1815 WALNUT GROVE DR	State College, PA 16801	
182 BIG HOLLOW RD	State College, PA 16801	
1822 WALNUT GROVE DR	State College, PA 16801	
1828 WALNUT GROVE DR	State College, PA 16801	Yes
1829 WALNUT GROVE DR	State College, PA 16801	
1834 WALNUT GROVE DR	State College, PA 16801	
1835 WALNUT GROVE DR	State College, PA 16801	
1841 WALNUT GROVE DR	State College, PA 16801	
1846 Walnut Grove Dr	State College, PA 16801	
1852 Walnut Grove Dr	State College, PA 16801	
1853 Walnut Grove Dr	State College, PA 16801	Yes
1876 MILLSON CIR	State College, PA 16801	
1883 Millson Circle	State College, PA 16801	
1926 Buffalo Run Road	Bellefonte, PA 16823	
194 BIG HOLLOW RD	State College, PA 16801	
198 BIG HOLLOW RD	State College, PA 16801	
2528 Bernel Road	State College, PA 16803	Yes
288 Big Hollow Rd	State College, PA 16801	Yes
2929 Buffalo Run Road	Bellefonte, PA 16823	
338 Big Hollow Rd	State College, PA 16801	Yes
480 Big Hollow Rd	State College, PA 16801	
500 Kristin Circle	State College, PA 16803	Yes
754 Big Hollow Road	State College, PA 16801	Yes