

AIRPORT AUTHORITY AGENDA

May 15, 2023
12:00 P.M.


Manistee County Blacker Airport
Conference Room via ZOOM
2323 Airport Road, Manistee, MI 49660

1. Call to Order
2. Roll Call
3. Approval of Agenda
4. Public Comment
5. Approval of Minutes
 - a. April 17, 2023, Regular Meeting
6. Cape Air's Quarterly Update
7. Treasurer's Report
 - a. April 2023 Accounts Payable
 - b. April 2023 Financial Statement (Revenue & Expenses/Trial Balance Sheet)
8. Committee Reports & Discussion
 - a. Executive Committee
 - b. Capital Projects Committee
 - c. Budget Committee
9. Airport Director's Report
10. New Business
 - a. PFAS Investigation (Appendix A)
11. Old Business/Unfinished Business
 - a. Manistee Township Zoning Ordinance
 - b. LEO Coverage
 - c. Bylaws
 - a. Proposal of Changes
 - d. Runway Extension Plans
 - a. Consultant Selection Process
 - e. Commercial, Liability and Auto Insurance
12. Comments by Authority Members
13. Adjournment

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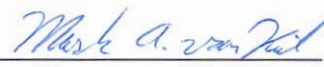
AMENDMENT NO. 2**TO:** Agreement for Professional Engineering Service Dated October 27, 2020.**BETWEEN:** Manistee County Blacker Airport Authority

AND

Prein&Newhof**LOCATION:** Manistee Blacker Airport
Manistee, Michigan**PROJECT:** PFAS Investigation**PURPOSE:** Establish fees for supplemental services for the project. Scope of work is described in Attachment E to this Amendment. The time and materials costs for this work shall not exceed two hundred eight thousand nine hundred eighty-four dollars (\$208,984.00) for the Tasks 1-5, Phase 3 investigation. See task cost breakdown on the following page.**ACCEPTED BY SPONSOR**_____
Authorized Representative_____
Date_____
Signature of Witness**ACCEPTED BY CONSULTANT**

Christopher Cruickshank, Corporate Secretary

03/30/23

Date

Signature of Witness

Task	LimnoTech Labor and ODCs ¹	Prein&Newhof Labor and ODCs ¹	Subcontractors (5% markup)				Totals
			Driller	Lab	Surveyor	IDW Disposal	
1. Groundwater Monitoring Well Sampling ²	\$33,880	\$2,000	NA	\$15,498	NA	NA	\$51,378
2. Soil Sampling	\$9,150	\$2,800	\$6,151	\$21,287	NA	\$5,460	\$44,848
3. Phase 3 Subsurface Investigation	\$41,100	\$4,000	\$23,730	\$6,888	Prein&Newhof	\$7,350	\$83,068
4. Data Review and Final Report	\$14,910	\$2,500	NA	NA	NA	NA	\$17,410
5. Grant Management, Communication, Meetings	\$9,780	\$2,500	NA	NA	NA	NA	\$12,280
Totals	\$108,820	\$13,800	\$29,881	\$43,673	---	\$12,810	\$208,984

Attachment E Scope of Work

Investigation Objectives

The proposed PFAS investigation at MBL is intended to meet the following objectives:

- Continued monitoring of PFAS impacts in shallow groundwater near the AFFF Test Area;
- Continued monitoring of shallow groundwater across airport property;
- Delineate the extent of potential source soils impacting groundwater in the AFFF Test Area; and,
- Further determine the nature and extent of potential PFAS in groundwater at MBL, if monitoring results identify an issue.

Scope of Work

Task 1. Groundwater Monitoring Well Sampling – This task will include the collection of groundwater samples and static levels from monitoring wells that were installed during previous investigations at MBL (Figure 1). Specifically, six (6) groundwater monitoring wells will be resampled a minimum number of four (4) times. It is expected that this will occur roughly every three (3) months (i.e., quarterly). These data are intended to assess groundwater impacts, provide information on seasonal variability, and detect plume movement, if any. Data collected in the Groundwater Monitoring Well Sampling phase will be used to determine the need for and scope of additional investigation.

Following the receipt of laboratory results from the fourth groundwater sampling event, a meeting with EGLE personnel will be scheduled to review groundwater sampling results, determine if a fifth groundwater sampling event is warranted, and discuss the need (if any) for a Phase 3 Subsurface Investigation (Task 3).

All sampling performed under this task will be performed in accordance with EGLE PFAS sampling guidance. Samples will be submitted for analysis of the thirty-one (31) PFAS listed in EGLE's most recent "Recommended Minimum Laboratory Analyte List" for groundwater and surface water. Samples will be submitted to either SGS North America or Eurofins TestAmerica for analysis using an isotope dilution method (i.e., modified Method 537), unless another method has been fully approved by USEPA for non-drinking water aqueous samples by then. The final lab selection will be made based on ability to measure all required analytes, ability to achieve necessary method detection limits, ability to meet required turnaround time, and cost.

Task 2. Soil Sampling – In an effort to delineate the extent of potential PFAS contamination source soils impacting groundwater, soil samples will be collected from up to twelve (12) soil boring locations in the AFFF Test Area. Soil borings will be advanced until groundwater is encountered, which is anticipated to be approximately 10-14 feet below ground surface (bgs). Up to three (3) soil samples will be collected at each individual boring location, with planned soil sample depths of 0-1 feet bgs, 4-7 feet bgs, and 9-13 feet bgs. If saturated soil is encountered shallower than 10 feet bgs, the deepest soil sample will be collected immediately above the saturated zone. Up to 36 soil samples will be collected in the AFFF Test Area.

All soil sampling will be performed in accordance with EGLE PFAS sampling guidance and samples will be submitted for analysis of all thirty-one (31) PFAS compounds listed in EGLE's "Recommended Minimum Laboratory Analyte List." Again, samples will be submitted to the same lab that was selected

for Task 1 samples. If feasible, soil sampling will be performed concurrently with other sampling performed under Task 1.

Task 3. Phase 3 Subsurface Investigation (Contingency) – The performance of the third phase of investigation is contingent on Task 1 results (i.e., if groundwater is identified as an issue during Task 1, supplemental work under Task 2 will commence). Phase 3 Investigation activities will likely include the advancement of up to three (3) soil borings, installation of up to three (3) additional monitoring wells, and groundwater sampling to define transport pathways and attempt to determine the extent of potential PFAS impacts as indicated by Task 1 and Task 2 results. Additionally, two (2) supplemental sampling events of all three (3) contingency monitoring wells (total of six [6] groundwater samples) will be performed by LimnoTech personnel. A new written work plan describing investigation activities and methods will be prepared for the Phase 3 Subsurface Investigation and will be submitted to EGLE for review and approval prior to implementation. The final scope of Task 3 activities and sampling locations will be defined if additional PFAS sampling, performed during Task 1 and Task 2, identifies an issue.

Again, all sampling performed under Task 3, if needed, will be performed in accordance with EGLE PFAS sampling guidance and samples will be submitted for analysis of all thirty-one (31) PFAS compounds listed in EGLE’s “Recommended Minimum Laboratory Analyte List” for groundwater and surface water. Samples will be submitted to the same lab that was selected for Task 1 and Task 2 samples.

Task 4. Data Review and Final Report – Under this task, data generated from field sampling activities will be compiled, undergo quality assurance review, and mapped. A draft report will be prepared describing all field activities completed under the grant and presenting the data and findings with text, tables, and figures. The draft report will be submitted to EGLE for review and comment before it is finalized.

Task 5. Grant Management, EGLE Communication, Meetings – This task includes work necessary to manage the grant, including coordination and communication with EGLE personnel regarding field activities, submittal of laboratory results to EGLE upon receipt, preparation of quarterly status reports, and meetings with EGLE and other stakeholders (including preparation of materials for those meetings).