

Gustavus PFAS Action Coalition (GPAC)
11/09/2022 Quarterly Report to Gustavus City Council
Submitted by Sally McLaughlin, GPAC Secretary/Treasurer

-Lance Mearig of ADOT notified us in late August that they had signed a notice-to-proceed with Shannon & Wilson for Plumestop evaluation. This was very welcome news! Lance provided us with the following details on the scope of work:

Prepare a feasibility study to explore several PlumeStop injection alternatives near the Gustavus Airport duck pond.

- *review the GPAC PFM data;*
- *meet with Regenesis, GPAC, and DOT&PF to identify potential injection areas and treatment goals;*
- *review other GPAC analytical data from the duck pond vicinity, if applicable;*
- *develop order-of-magnitude cost ranges for two or three alternatives; and recommend next steps.*

Identify the most effective treatment zone for long-term remediation will require higher resolution soil, groundwater, and surface water data for this area. The feasibility study will include professional recommendations for additional characterization and other next steps for planning PlumeStop injection. We do not expect to be able to recommend a specific treatment area and depth from currently available data.

The location and cost of PlumeStop will also depend on the duration of treatment and PFAS compounds being targeted. For example, an application designed to treat PFOS to 10 nanograms per liter (ng/L) for 5 years will require significantly less PlumeStop than an application designed to treat 18 or more PFAS compounds to 2.0 ng/L for 30 years. The feasibility study will describe the treatment goal for each alternative.

Provide a draft feasibility study to DOT&PF and Regenesis for review. Address comments and provide the final report to DOT&PF for distribution to GPAC, DEC, or other agencies as applicable.

As you can see, they are using the data collected by GPAC from the Passive Flux Meters that the City funded last November. So, once again, thank you for your support! It is very gratifying to be able to work closely with so many government agencies to pursue our goals.

- When originally forming our group in December of 2018, GPAC's mission included three primary goals:

- 1) Stop Further use of PFAS
- 2) Create public understanding of the full extent of the damage
- 3) Correct PFAS damage to the fullest extent possible

Our intent was to "work with local, state and federal agencies, as well as non-profits and universities, to address the issue in a cooperative way."

We can proudly say that we have accomplished all of these goals over the past four years and have reached a point where we feel our work is nearly done.

This will be our final quarterly report to the City Council. However, we will still be available for comment, questions or any issues that arise as the State proceeds toward Plumestop application. We will continue to monitor the process and will keep you informed of any developments.