

# QUARTERLY PROGRESS REPORT

Q3: July 1<sup>st</sup>, 2022 to September 30<sup>th</sup>, 2022

**PROJECT TITLE: Per- and Polyfluoroalkyl Substances (PFAS) in Municipal Public Works Waste Streams**

**PRINCIPAL INVESTIGATOR: Timothy Townsend**

**AFFILIATION: Professor, University of Florida  
Department of Environmental Engineering Sciences**

**CO-PRINCIPAL INVESTIGATORS: John A. Bowden**

**AFFILIATION: Assistant Professor, University of Florida College of Veterinary Medicine**

**CO-PRINCIPAL INVESTIGATORS: Helena Solo-Gabriele**

**AFFILIATION: Professor, University of Miami Department of Chemical, Environmental, and Materials Engineering**

**COMPLETION DATE: December 31, 2021      PHONE NUMBER: 352-215-9152**

**PROJECT WEB SITE: <https://faculty.eng.ufl.edu/timothy-townsend/pfas-public-works/>**

---

## **Work accomplished during this reporting period:**

During the third quarter PFAS characterization and sample collection has continued. Samples of compost were extracted for total PFAS and sample collection of catch basin sediment has been conducted. The results from deliverables items that have been accomplished (e.g., PFAS characterization of biosolids, street sweepings, and C&D RSM) are being drafted into a final report.

## **Work planned for the next reporting period:**

Characterization of catch basin sediment, writing of the final report, and a final TAG meeting will take place during this last quarter (Q4) of the project.

## **Metrics:**

Name	Rank	Department	Professor	Institution
Yalan Liu	PhD Student	EES	Dr. Townsend	UF
Jake Thompson	PhD Student	EES	Dr. Townsend	UF
Alina Timshina	PhD Student	EES	Dr. Bowden	UF
Ignacio Sastre	Undergraduate Researcher	EES	Dr. Townsend	UF
Farid Ahmed	Undergraduate Researcher	EES	Dr. Townsend	UF

**TAG Meeting:**

**[https://ufl.zoom.us/rec/play/nTF65fvAEjtiGL7cHP5VzkJuZbsICAYaiLpEWGuZvXKB31p3vtRwYrzMKq1Mo8qi-KYLSuUXlfdIAMU9.1NrN3KeGHv-5zGOZ?startTime=1660669396000&\\_x\\_zm\\_rtaid=AjX53xe4QgOgEvN2p\\_XLZw.1667917902764.373b4ec575072831fb78502b5260ca64&\\_x\\_zm\\_rhtaid=677](https://ufl.zoom.us/rec/play/nTF65fvAEjtiGL7cHP5VzkJuZbsICAYaiLpEWGuZvXKB31p3vtRwYrzMKq1Mo8qi-KYLSuUXlfdIAMU9.1NrN3KeGHv-5zGOZ?startTime=1660669396000&_x_zm_rtaid=AjX53xe4QgOgEvN2p_XLZw.1667917902764.373b4ec575072831fb78502b5260ca64&_x_zm_rhtaid=677)**