

# QUARTERLY PROGRESS REPORT

July 31, 2021 to August 10, 2021

**PROJECT TITLE: Environmental Impacts of Reclaimed Asphalt Pavement (RAP)**

**PRINCIPAL INVESTIGATOR: John A. Bowden**

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

**CO-PRINCIPAL INVESTIGATOR: Timothy Townsend**

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

**COMPLETION DATE: August 10<sup>th</sup>, 2021 PHONE NUMBER: 941-716-4431**

**PROJECT WEB SITE: <https://faculty.eng.ufl.edu/timothy-townsend/research/florida-solid-waste-issues/understanding-the-environmental-impacts-of-reclaimed-asphalt-pavement/>**

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

During this time the research team has collected and fully leached/analyzed two samples of RAP from stockpiles in Tampa and Ft. Pierce and an additional site-specific sample milled from State Road 55 (SR-55), provided by Anderson Columbia, Inc. All three RAP sources were additionally extracted and analyzed for total PAH content. A final report including data analysis/interpretation and project implications was drafted, pending feedback and review from TAG members.

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

Work has concluded for this project. A closing TAG meeting was held on May 31<sup>st</sup>, 2022, the slides and recording for the meeting are available on the project website. The team will finalize the Project Report and distribute to TAG members for review.

## **Metrics:**

Name	Rank	Department	Professor	Institution
Ashley Lin	Master's Student	Environmental Engineering	Dr. Townsend	University of Florida

**TAG Meeting:** A closing TAG meeting was held on May 31<sup>st</sup>, 2022.

**Invited TAG members include:**

- Howard Marks, National Asphalt Pavement Association (NAPA)
- Chad Spreadbury, Jones Edmunds
- Kim Walker, Florida Department of Environmental Protection (FDEP)
- Roger Brewer, Hawaii Department of Health (HDOH)
- Tim Ruelke, Florida Department of Transportation (FDOT)
- Wilbur Mayorga, Miami Dade County Department of Environmental Resources Management (DERM)
- Jim Musselman, National Center for Asphalt Technology (NCAT)
- Gregory Scholar, Florida Department of Transportation (FDOT)