

Request for Proposal
Washington Turfgrass Seed Commission

WASHINGTON TURFGRASS SEED COMMISSION
PROGRESS REPORT FOR 2023 PROJECTS

Project No.:

Title: Performance And Recovery Of Turfgrass In Grass Pavers For Stormwater Infiltration Quality And Traffic Stress

Personnel: Katherine Kraszewski

Reporting Period: Fiscal year 2023

Accomplishments:

- Three separate rounds of Stormwater contamination was completed on all 14 plots
- Water samples collected from each round of contamination for all 14 plots
- Salt and Total Suspended Solids levels measure from each sample
- Total N and Total P collected from each sample

Results:

- Initial results indicate a greater reduction on stormwater contamination in grass pavers than in stone infill pavers - *not all data has been processed yet

Publications:

Significance of this particular research discussed in the following publications:

Conference Presentation And Proceedings:

- Kraszewski, K. Austin, S. 2022. Landscape unArchitecture for the Crisis Century. Washington American Society of Landscape Architects Annual Conference. Seattle, WA.

Media/ News publications

- Heavy duty grasses could replace artificial turf on athletic fields. By Seth Truscott. Published on November 8, 2023
- <https://news.cahnrs.wsu.edu/article/heavy-duty-grasses-could-replace-artificial-turf-on-athletic-fields/>
- Lawns for a hot, dry future tested at WSU turfgrass research farm. By Seth Truscott, College of Agricultural, Human, and Natural Resource Science
- A new kind of blue (grass), WSU. NW Farm & Ranch, Summer 2022. Published on Jun 27, 2022

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Instructions:

1. Record information for active and pending projects.
2. All current research to which principal investigator(s) and other senior personnel have committed a portion of their time must be listed whether or not salary for the person(s) involved is included in the budgets of the various projects.
3. Provide analogous information for all proposed research which is being considered by, or which will be submitted in the near future to, other possible sponsors.

Name (List PI#1 first)	Supporting Agency and Project #	Total \$ Amount	Effective and Expiration Dates	% of Time Committed	Title of Project
Katherine Kraszewski	Current: Current: Washington Turfgrass and Seed Commission & Washington State University Truegrid Pavers	\$33,816	Start March 2023 End March 2024	40%	Performance And Recovery Of Turfgrass In Grass Pavers For Stormwater Infiltration Quality And Traffic Stress
	Pending:				