

StaRS Filter Sand Segregation

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The purpose of the StaRS Filter Sand Segregation team is to characterize the best sand size ratio and distribution within a sand filter that will not result in segregation after backwash. The main goals for the team include quantifying under what conditions sand segregation occurs, devising a method to hydraulically size sand within a filter, and improving the efficiency of backwash in a sand filter by altering bed height, sand size ratio, the slope of the filter, and backwash velocity.

Members

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Sharon Zhang
Documents

	Challenges	Tasks	Literature Search	Symposium	Final Presentation	Final Report
Fall 2014 (StaRS Backwash)	? Unknown Attachment	? Unknown Attachment				? Unkn
Spring 2015	? Unknown Attachment	? Unknown Attachment				? Unkn