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Assessing the State of Knowledge and Research Needs for Stormwater Harvesting

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EXECUTIVE SUMMARY

The Water Research Foundation (WRF) sponsored this project, Assessing the State of Knowledge and Research Needs for Stormwater Harvesting (RFP 4841), to develop recommendations on stormwater harvesting and associated research needs based on current efforts on local, regional, and state levels for the purpose of developing a better understanding of current practices, knowledge gaps, and research needs to assist utilities and communities across the U.S. in considering and implementing multi-benefit stormwater harvesting projects. The field of stormwater harvesting is evolving and expanding as utilities and communities consider viable alternatives to increase water supplies, improve resiliency of their water resources, and find multi-benefit and innovative approaches to addressing regulatory and water quality challenges. As communities seek to improve resiliency and provide habitat, open spaces and recreational opportunities, stormwater harvesting projects are receiving more interest. This research will evaluate the range of drivers and benefits communities are seeking through improved stormwater management. This research will improve awareness and understanding of the potential value for stormwater harvesting projects and will benefit utilities and communities as they consider stormwater harvesting project in their planning efforts.

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