Stormwater Facility Walking Tour

Water Planning & Stewardship | Stanford University | May 23, 2019

As part of the 2019 Water Wise Campaign, Associate Director of Water Planning & Stewardship (WP&S) Julia Nussbaum led a tour of stormwater facilities in Stanford's Arts District. Eight University staff and the WP&S team attended. The tour was advertised through My Cardinal Green.

Anderson Collection

A lush bioretention area serves the museum roof and adjacent roads.

Bioretention area: A planted depression designed to collect, slow down, and treat runoff

Roth/Lomita Bioswale

This grassy bioswale collects runoff from several nearby buildings.

Bioswale: A vegetated channel that conveys and slows down runoff, but is not intended to treat water

McMurtry

Several smaller flow-through planters and bioretention areas surround this building.

Flow-through planter: Similar to a bioretention area, but lined with waterproof material to prevent seepage into nearby foundations

Roth Way

A regional bio-retention area serves several bio-chemistry buildings.

These facilities were built to comply with Santa Clara County and Clean Water Act requirements for new development. To free up space and reduce maintenance needs in future projects, Stanford will shift towards larger-scale regional facilities like the Roth bioretention area and bioswale, as opposed to the smaller facilities seen at McMurtry and Anderson. As part of this transition, Stanford began capturing stormwater at the West Campus Detention Basin this year, producing 7.5 million gallons of water for our non-potable irrigation system from January to May.

Take an online tour of campus stormwater facilities at shomediscovery.com or on the ShoMe iOS app.

Take our **Online Tour**

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Created July 2019. Visit suwater.stanford.edu for more info.