Tuesday, 5 February 2019, 8:30am

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Water/Stormwater SWATeam Meeting Minutes

Present: Rabin Bhattarai, Eliana Brown, Ximing Cai, Kishore Rajagopalan, Claire Samojedny, Arthur Schmidt, Colleen Williams

I. Introductions for new member, updates on projects

A. Parking Lot F23 monitoring possibility

1. current instrumentation may not be useable; several members will collaborate, apply for Imagine Grant for equipment (must be used in classroom setting)

2. Will we need a Student Sustainability Committee proposal?

3. Despite members’ individual efforts in the project, it may be worthwhile to submit proposal

B. Bringing up ideas of where University of Illinois might have building population information records (would be used for water audit)

1. Action: search further for information

B. Student in CEE398 is working on research through REU (Research Experience for Undergraduates)

1. F&S is gathering data for her to use

2. Will be studying drainage area, water capture, infrastructure on campus that may contribute to city checklist of green infrastructure credits available

3. Project ties to iCAP Objective 5.4: Inventory and benchmark existing landscape performance

C. Red Oak Raingarden update

1. Stone removal delayed because of very cold, snowy weather

2. Two timelines currently for planting in June and if not successful, in Fall 2019

II. iCAP needs updating for 2020

A. Must evaluate milestones

B. Document must be finished before end of academic year, draft should be complete earlier

C. Members who took part in 2015 drafting have prior knowledge of what works

D. Note; water audit is the main task yet to be completed

1. Would need to take into account a schedule of building renovations

E. Could target need for updating obsolete water infrastructure, ex. examining spots for raingardens

1. Objective 5.4: could add that during construction projects, this should be a priority

F. Note: flooding sidewalks still is a problem despite infrastructure such as Boneyard Creek, which holds 100-year event

G. Perhaps targeting supervisors of buildings is an option; some corporations compete among floors to save water, although they have the metering to do so

H. Note that water consumption decreases when less energy is used to chill water

I. F&S used to have retrofit commission teams; Water/Stormwater tries to handle audit but needs campus to put in resources

III. Other Recommendations in progress to submit in spring

A. had previously talked about the possible benefits of lobbying for making exemptions of Plumbing Code easier when it comes to installing water reuse