

Land and Water iCAP Team October Meeting Agenda + Notes

Meeting notes are blue; action items are highlighted

Friday, October 25th

9:00 am – 10 am; Teams Meeting

Attendees: Natalie Reed, Colleen Ruther, Darin Joos, Jonathon Mosely, Morgan White, Adam Dolezal, Lillian Gilbert, Betsy Richardson, Yesenia Adrianzen, Eliana Brown, Brent Lewis, Justin Vozzo

Absentees:

1) **Milkweed Updates**

- a. Possibly change the name from “Monarchs Need Milkweed” to something else
- b. The seeds have been delivered for planting, so we are ready to spread them around campus
- c. Going to use the remaining money from the grant to buy some milkweed plants and other diverse plants to spread them across campus and increase biodiversity for Monarch butterflies
- d. Hiring a contractor to help us buy the seeds and plant them around campus
- e. **Begin planting seeds around November or late fall (Brent)**

2) **Refine and Complete iCAP 2025 L&W Objective Suggestions**

- a. Need to flesh out and complete some of the iCAP objectives a little more
- b. They are currently incomplete for the land and water team so we need to flesh these out a little bit more to prepare for the 2025 iCAP
- c. We need to change our cover crops objective and our water usage objective because we met both of these goals
- d. These will be reviewed by the iCAP working group in a future meeting
- e. **Gray Water Use on Campus**
 - i. We would like to use gray water on campus so we don't waste all of our clean water, this water would mostly include the use of collected rainwater
 - ii. A lot of other institutions do this so it would be beneficial for us to work on supporting this initiative
 - iii. It is hard to work on this because of plumbing laws that may not allow us to accomplish this goal
 - iv. We would use gray water mostly for flushing toilets since you can't use it in anything else, it could be used in subsurface irrigation but there are few of these locations on campus
 - v. A lot of rules and regulations around gray water use on campus so we would need to refine this goal a lot to show how we are following these laws

- vi. Need to work on clarification on what water is used and what it will be used for (add specificity)
- vii. Reach out to other institutions who have used this system before to help us flesh out and support this idea to use gray water, Colleen has connections to figure this out
- viii. Need to put new pipes in newly constructed buildings to allow for this use of gray water in plumbing and toilet flushing

f. **Increase Green Infrastructure by 50% by FY30**

- i. 24 might be more possible for this goal
- ii. This green infrastructure would help decrease runoff, increase tree plantings, and increase permeable pavements, raingardens, underground retention facilities
- iii. Use low impact development for stormwater drainage and runoff in buildings, no hard percentage or metric on this goal/objective
- iv. Update the facility standard to what is measurable with something more official to measure with such as the UN sustainability goals etc.
- v. What is going to make an actual difference to the campus in terms of rainwater?
- vi. Better to add some more specificity to make more clear distinctions of what is required and how this will be maintained
- vii. Potential funding for managing storm systems and collections
- viii. Universities are structured differently so for some it is easier to implement these systems (stormwater systems) but for us it may be more complicated and not as equitable
- ix. The university is charged by how much permeable pavement water is going to the city's sewers vs our sewer system. Essentially, they are paying us for sending water back to their systems when it is re-routed there
- x. The university always gives us credits if they send water into the universities sewage systems, but the amount and time of implementing some of these systems may not make it fiscally worth it to complete these installations
- xi. We could possibly advocate a certain amount of money to different colleges to help them fund the implementation of green infrastructure, this could help begin construction
- xii. Make more clarifications about what water and stormwater systems are sending and to where they are sending it
- xiii. Need a more specific goal post we can all move towards
- xiv. Clean up some of the goals and objectives for the iCAP 2025 (Brent and Natalie)