

HENDRIX
COLLEGE
Campus Sustainability
Fund Committee

Meeting Notes for October 8, 2015 (11:10AM Bates South)

Members of the CSFC:

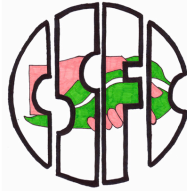
William O'Brochta '16, Chief Sustainability Officer, CSFC Chair,
ECC Campus Campaigns Chair
Abby Gatmaitan '17, Environmental Concerns Committee Chair
Elizabeth Soo '17 and Cade Nelson '17, Garden Club Co-Presidents
Kaylee Davis '18, At-Large Student Member, ECC Galloway Representative
Annie Meek '18, At-Large Student Member, ECC Martin Representative
Faith Mullins '17, At-Large Student Member, Glass Recycling Student Worker
Dr. Courtney Hatch, Environmental Studies Department Chair (Absent)
Mr. Skip Harstell, Director of Facilities Management
Mr. Mike Flory, Executive Director of Culinary Services
Mr. Jim Wiltgen, Executive Vice President for Student Affairs and Dean of Students
Mr. Tom Siebenmorgen, Executive Vice President and Chief Financial Officer

Guests in Attendance:

Miranda Donakey '18
Dr. Joyce Hardin, Professor of Biology, Proxy for Dr. Hatch.
Ms. Dawn Hearne, Director of Dining Services

1. Welcome (William)
 - a. Go around the room including invited guests.
 - b. Attendance by the Secretary and adoption of last meeting's minutes.
2. Review Agenda (William)
3. Report by the CSFC Chair
 - a. Including a report of the account balance (\$26,140).
4. Project Applications
 - a. Composting Project

Brief update on working group (Mr. Flory, Ms. Hearne, Mr. Hartsell, Mr. Siebenmorgen, Dean Wiltgen, William). This group has been discussing the practical implications of the project. They have contacted multiple gardening centers (Flower Depot and Hocutts) and farms. They have also been in contact with Master Gardeners and local gardeners who are interested in purchasing in small quantities of compost. Garden centers talked about per pound rate: they currently pay about \$45 per cubic yard of compost. William envisions that we price slightly higher than this, \$50-55, because of higher quality and the niche market. The foot print of distribution of compost will be slightly high because Hocutts is in Little Rock. If the garden center idea does not work (which is a simpler method) we can reevaluate selling to farmers. Wood chip supply: found five companies who said they could bring regular loads, which will be more than enough to supply the compost project and the woodchips would be free.



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Mr. Hartsell's update: strongly recommend that the compost machinery is in a covered area. Looking at different building options that will satisfy city code and zoning requirements. The big unknown at this point is that we do not know what the city will require regarding building regulations. We do know that the city will have to grant a special zoning permit because the product is leaving campus. Do we foresee any additional requirements put on structure by Hendrix Board of Trustees? No. What are the estimated costs for a structure? Currently costs for building are all over the spectrum.

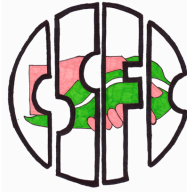
In the Cafeteria: There will be extra work to scrape waste into separate containers. Also extra work to get waste out of cleaning area. We would need to invest in potentially one to one and a half extra people to implement this in the cafeteria. Currently looking at salary and benefits for one and a half people that will need to be added to budget. Project should provide cash flow for housing structure, compost bin, and labor on cafeteria side. The cafeteria staff also need to know that sustainability fund will continue indefinitely into the future. William: the sustainability fund is not allowed to pay for salary. However, profits from any project can be used to pay salary. Outline for paying for this project: pay 40% of fund for at least three years to the compost project. Salary will have to be paid from cash made on the compost. Abby: can worker be a student worker to circumvent benefits? Mr. Flory, potentially, but there will have to be someone who oversees product sales.

Process has been broken down into five different roles: dining service (operator role) who could be a student worker, maintenance role, material handler (loading and unloading product), and worker for collection of other materials. Cost of student is lower although reliability is not as strong as non-student employees. Dean Wiltgen: how much material would be moved every day from cafeteria? William: 150 gallons per day. We could use a trash can with wheels and a lid. A meeting will be scheduled with city to discuss building (want students to sit in on meeting with city) and continue discussion of finances.

All locations have slightly different cost numbers associated with labor and building.

Facilities location has lowest amount of labor and lowest amount of visibility. Another issue is accessibility for those purchasing compost. Access and cost are the two big factors.

Vote of confidence in continuing the investigation of the project. Motion to approve made by Annie. Second by Faith. Unanimously voted for. This vote obligates us to continue to figure out any problems with this project.



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b. Replacing Black Plastic Condiment Cups (Kaylee)

i. Brief discussion and remarks from the application coordinator (Mr. Flory). Proposal will cost \$803 total and two phases are proposed. Pilot study (phase one) purchase a fourth of the cups and a hold down grid for dishwasher. Accustom workers to using metal cups and help dining services decide if this is a viable option. If this doesn't work we will consider using dessert bowls in lieu of metal cups. Phase one is estimated to cost \$250, phase two, \$560. If this doesn't work then maybe we will use sugarcane biodegradable cups.

Dean Wiltgen: What is loss of dish rate, for replacement? About 3 cups per student per year. According to the proposal the cafeteria will assume responsibility for replacement. Dean Wiltgen: Will there be an increase in use of water? This is incorporated into the proposal as a cost that will be incurred, but savings from not using throw away cups are also incorporated. Additional water: .39 gallons per rack and there are 13 cups per rack, and we will have 4 or 6 racks.

Motion to approve made by Dean Wiltgen. Second by Mr. Flory. Unanimous vote to approve.

c. Irrigation system emergency improvements (William)

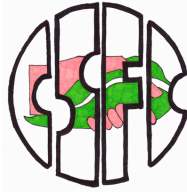
Overview: A lot of irrigation complaints have been received from students. Currently a long term CSFC proposal is being worked on to improve connectivity of irrigation systems, to detect when it is raining and when soil is wet and to detect when enough water has been put into grass. Short term problems: sprinklers do not function or they spray in wrong direction. This is occurring because sprinklers have not been checked recently. Flags have been put out to identify problem sprinklers. 13 have been fixed this week already. Necessity for additional money at this time is not needed. Student involvement with the work order process helps us to improve issues. We also want to improve fall shut down and spring start up process.

5. Future Projects

a. Irrigation system improvements (Evan Stoll and Mr. Cowden). See above.

b. Sustainable Move-Out Partnerships (ECC) Partnership with Goodwill to improve trash to treasure move out program. Currently ECC representatives are responsible for moving items after move out, meaning we can't take large items. Goodwill will potentially bring larger bins and will pick up themselves. We also want to expand the program to apartment areas. Quest is interested in participating in this project as well. They think they could maybe sell collected items and raise funds. Also contacted Conway Sanitation about possibility of getting recycling dumpsters for move out-no cost.

c. Eco House improvements (Dean Wiltgen) Eco House could use a lot of improvement. It should become an experimental property. We want to do a window replacement or insulation improvements. What is the long term viability of this house? Do we need to think of another facility? What do we want to see from eco house? What are our dreams



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for this space? Potential grey water system investment? Do we close it for a year to renovate?

d. Light bulb recycling (need data on light bulbs currently thrown out). Spoke with UCA recycling coordinator about their recycling projects. Currently we are throwing lightbulbs in a dumpster in large quantities, which is against Conway City code. Currently looking at available options for lightbulb recycling.

e. Energy consulting firm. College has signed an MOU with them to come in and do a study of all buildings. We have very strong cooling loops but a fragmented system for monitoring buildings. On a scale of 1-10 on where Hendrix is with technology we are about halfway because we have a mix of new and old buildings. The consulting firm could help us coordinate improvements with funding, using savings to help pay for improvements. We want to have students involved in the process. It is desired to connect old with new and have a long term plan. This will help us to monitor energy usage by building. This could increase student awareness and also allow us to do contests for monthly energy decreases. Would like to turn Hulen into a creative quad/residence hall building. This would allow flexibility to take some residence halls off line. Will turn Raney building into Welcome center.

6. Projects Being Implemented

- a. Light and Projector Energy Use Reminders (Annie)
- b. Recycling Bin Uniform Signage (Abby)
- c. LEED Lab

7. Constituent Concerns (All)

8. Outreach Events (All)

- a. Sustainability Walk (William)
 - i. Is this event worthwhile?
- b. Project Planning Meeting and/or online training (William)
 - i. Training PowerPoint is available online. No large response on training possibilities.
 - ii. Is there any benefit to holding a physical meeting before the February 1st deadline for projects over \$2500?

9. Other Items and Discussion (All)

10. Action Items (All)

11. Dismissal (next general meeting Thursday, December 3rd at 11:10AM in Campbell South)
There will be a meeting on November 5th to discuss the composting project and take a final vote (11:10AM in Campbell South).