

SUSTAINABILITY ADVISORY COMMITTEE MINUTES
MISSOURI STATE UNIVERSITY
10:00 AM, October 7, 2014
Carrington 203

Attendees:

Ken McClure	Tim Hogenkamp
Tammy Jahnke	Brad Kielhofner
Jordan Schanda	Mike Kromrey
Bill Cheek	Thomas Lane
Jennifer Cox	Barbara Lucks
Emma Donovan	Tina McManus
Teresa Frederick	Matt Morris
Janice Greene	Mike Klem
Tony Hein	

Approve Minutes from September 2 meeting—approved and adopted.

Reports from subcommittees -

1. **Energy Subcommittee – Jen Cox, Chair-** Energy Subcommittee
 - October Energy Awareness programming and energy competition have been primary focus. Energy competition runs through Oct 19 with results announced on Wednesday, Oct 22, Campus Sustainability day.
 - Green Teams – with Jordan’s assistance, we have reworked Leaf One requirements to make it easier to apply with no percentage of signatures required. We have also instituted Leaf 2 which focuses on educational opportunities. We currently have 9 Green Teams on campus. Our goal is to add 10 this year. For more information, see the Sustainability website.
 - Working on a listing of potential water conservation projects
 - Will have draft of energy goals at next meeting
2. **Benchmark Subcommittee – David Vaughan, Chair—**Jordan Schanda provided an update and noted the report will be generated in May 2015, the subcommittee plans to meet in January/February of 2015 to compile the report.
3. **Goal Watching Subcommittee – Joe Pitts and Mike Klem, co-Chairs—**Mike Klem reported a rough draft is complete, some additional information is being compiled and the subcommittee will provide a report next month.

Discussion of Missouri State University Energy Policy, Program and Water Sense (three documents referenced and provided

- WaterSense procedure approved and will be shared with campus community via Procurement
- Rewriting Energy Policy to include measurable outcomes.

AASHE Membership Announcement—Dean Jahnke provided additional information. All faculty and staff have access, and it was noted the benefits that come with being informed by what is provided.

STARS Update – Jordan Schanda—Jordan noted she is in the process of contacting and sending sections out to those who will be assisting her with this process. Several additional reports are provided and accessible through the STARS report.

Green Revolution – Discovery Center through early January of 2015—Dean Jahnke noted that the free day October 1 was well attended and successful. The City of Springfield will be providing another free day soon, details to come later.

October – Energy Awareness Month – Event calendar and websites—Table and Instagram projects have been a great success.

<http://calendar.missouristate.edu/viewevent.aspx?eventid=83771>

<http://www.missouristate.edu/Sustainability/Energy-and-Climate.htm>

<http://www.missouristate.edu/Sustainability/193471.htm> (need to replace this link with the new)

Thursday, October 16, 2014 - Science Cafe - 6:30-8:00pm at Millie's Cafe "Maroon Never Looked So Green—Sustainable Practices at Missouri State University!" Speakers Pilar Karlen and Tony Hein! http://discoverycenter.org/pages/events_at_a_glance/
Committee encouraged to attend and participate.

What: Governor's Conference on Natural Resources: Exploring Our Legacy - Charting Our Future - <http://dnr.mo.gov/Governor-Conference.htm>

When: Nov. 12-13, 2014. Where: White River Conference Center in Springfield

Register before Oct. 11 to receive the early bird conference rate of \$185.

Student scholarships available at <http://dnr.mo.gov/gov-conf-scholarships.htm>

News from around the room!

Thomas Lane-shared brochure about Sustainability Group within Residence Life to see what they are doing to support Sustainability.

Jordan Schanda-The Sustainability Newsletter was sent out and has been received well. She is welcoming suggestions for the next issue and encouraged the committee to send suggestions for future issues.

Tim Hogenkamp-working on proposal for recycling and hydration stations, October Energy Awareness Month tabling.

Tony Hein-Food Recovery Network, use of excess food to donate to community, approached by student chapter of food harvest. Average of 20 pounds food a day. Students pick up, take to senior center. Rolling out at Garst soon, very successful. Minimal impact on composting.

Jen Cox- Big Urbie Darr water reclamation project is nearing completion; dedication is scheduled for Nov 5 at 2pm, time is tentative, Jen will confirm with invite to committee.

Barbara Lucks-

- On September 27, the DEA, partnering with the local trade association of pharmacies, the Watershed Committee of the Ozarks and City's Environmental Services and other local

partners, held very successful pharmaceutical take-back events in several Springfield locations in conjunction with the national event.

- Ground-level ozone readings for this past season (April – October) were very favorable – 59 against a regulatory standard of 75. USEPA is expected to issue new standards by the end of this year. It is anticipated the standard will be made more stringent – with the number being lowered.
- Springfield recently hosted the Missouri Recycling Assn. State Conference and local businesses, Bass Pro and the Green Team of Doubletree Inn, received awards for their outstanding recycling programs.
- For America Recycles Day (November 15), the City will offer a free day at the Discovery Center, showcasing both the Green Revolution exhibit and a new “50 Years of Wilderness” exhibit, as well as educational activities and exhibits.
- The City will be offering MO-Mulch, unscreened, rough grind landscaping mulch on a Buy One, Get One Free special from November 1 through December 7.
- Fifty people recently attended a training workshop staged by Show-Me Yards & Neighborhoods, Grow Native! and the Missouri Prairie Foundation featuring advanced rain garden installation and design. At least 1/3 of the attendees were from St. Louis and Kansas City areas.
- The parking lot at Government Plaza is undergoing an extensive renovation via the Big Urbie grant that, when completed, will feature rain gardens, native planting areas, trees and sections of pervious pavement. Construction is expected to be completed in late November, with planting taking place in the Spring.
- The City, working with MDNR and others, is investigating a recent release of material that showed up in Fulbright Spring. Details will be released as soon as the investigation is complete.
- City staff recently participated in a home school educational event, serving approximately 250 children and their instructors, up from around 12 people just 2 years ago. There is an active home school organization that is very interested in educational opportunities.
- The City is very pleased to welcome Tim Smith, former Greene County Administrator, as Deputy City Manager effective August 25.

Mike Kromrey-Planning, Design & Construction team from MSU toured the tunnels today. Recently submitted Source Water Protection Plan which was received well, and is available if there is interest from the committee.

Brad Kielhofner-

- There was approximately 530,000 pounds of rubber infill used for the synthetic turf at Plaster Stadium and approximately 360,000 pounds of rubber infill used for the synthetic

turf at the Betty and Bobby Allison South Stadium. That amounts to roughly 44,500 tires that were recycled instead of being incinerated or sent to a landfill.

- Over the summer the existing roof at Hutchens House was replaced with a new white roof. This new 19,161 square feet of white roof area will help reduce the heat island effect caused by a darker roof and will also slightly reduce the heat gain in the building on sunny days during the summer months.
- The staff of Planning, Design & Construction attended a tour of the underground portion of Jordan Creek that runs through downtown Springfield and the IDEA Commons. During the tour, Stacy Armstrong with Watershed Committee of the Ozarks provided information regarding the mission of the Watershed Committee and the history of Jordan Creek, including how the development of Springfield has affected the creek over time. The tour provided an educational opportunity for the staff to learn about the effects of development on water quality, past practices with regard to development in a watershed, and current preferred practices with regard to development where it might affect a waterway or wetland.

Matt Morris-compliments to the Space Scheduling Team: Pilar Karlen, Krista Bassen and Shelly Netzer for continually balancing the use of space/energy in terms of what the campus needs.

Emma Donovan-The Bear Fest Village recycling efforts last weekend produced 12,000 cans being saved from the trash.

- The Energy Commitment Tree at the PSU-it is a tree painted on some butcher-block paper. Students can take pre-made construction paper "leaves," write their energy commitment on them, upload a picture with their leaf on Instagram, and tape the leaves to the tree.
- For tabling, we table 2 times a week in the PSU about an issue of the week. Some issues we have tabled about are E-Waste and living sustainably as a college student. Next week we will be tabling about plastic bags.

Mike Klem-Greenhouse on top of Karls Hall, consultant brought in to look at energy efficiency, energy retention system, moving sensors, function of controls—overall better and more efficient use of energy for the building. Students and Pilar Karlen are measuring energy output from the greenhouse over the next few weeks. Future project with other associated buildings being considered.

Teresa Frederick- The Residence Life Newsletter was noted, the Glass Recycling Project is going well in coordination with the City of Springfield. 500 pounds recycled this academic year so far. They are looking for additional occupancy sensors to be placed in cooperation with Pilar Karlen. They are also doing Green Room Certifications for Energy Awareness Month. A Sustainability LLC is in the works for Fiscal Year 2015-2016.

Janice Greene-Green Revolution, her class participated and she also asked them to write about their experience and their suggested changes, as well as personal actions they could change.

Ken McClure-noted the university has started using of Solar Power purchased from City Utilities effective 10/1/2014. In addition, Computer Services is looking at more efficiencies on campus with distributed servers.

Dean Jahnke-noted Sustainability Goals, short term and long term are to be reviewed and possibly revised in near future.

Next meeting

November 4, 2014, CARR 203, 10:00-11:00 am

Check out the new and improved website - <http://www.missouristate.edu/sustainability/>