

Notes for Sustainability Committee meeting of October 3, 2008

Recorder: Jo Dickman

Attendance: Dave Munoz, Gary Bowersock, Arthur Sacks, Masami Nakagawa, Tim Switzer, John Spear, John Skok, Chris Cocallas, Chuck Baroch, Carrie Sonneborn, Tom MacKinnon, Bob Siegrist, Hanna and Natalie Vangner, Oren Day, Tyler Benton, Akira Rattenbury, Sami Naz, Nick Chambers.

Meeting Minutes

- I. Minutes from the meeting of September 5, 2008 were approved and seconded; no discussion.
- II. Announcements:
  - A. City of Golden will audit city property for Sustainability. Approved one week ago.
  - B. City of Golden sustainability committee had several cost estimates for CSAB priorities; thirteen (13) were approved.
  - C. Today and tomorrow from 8-3 there is a meeting called "Lets talk trash" at the City of Golden. Mandated curb recycling will be discussed. Akira Rattenbury plans to attend this meeting of see what the goals are.
  - D. Prioritize the remaining twelve (12) items and come up with a budget.
    - Questions 7-Solar panels, there will be no cost.
  - E. There will be a gathering tonight at 6:30 PM at the North IM field to celebrate the lighting of the "M" with the new LED lights. The cost to run the "M" prior to today was \$2400.00; by using the new LED's, the cost will go down to \$180.00. Could the "M" be run using solar panels?
  - F. EPICS's has a project to light Kadafar commons using solar panels. Can we get funding to put up wind turbine for project?
  - G. 11/25/08-Workshop at the New Shadows Ranch Conference and Educational Center in Georgetown, Cold Water is the company doing the project. New Shadows is now privately owned.
  - H. Faculty Senate theme for series speakers for 10/23/08; National Wildlife Association.
  - I. Natalie would like to discuss the benefits of composting and greening up the campus. She also stated that the cost of text books has sky rocked. Is there some way we could put the text books on line? This was discussed years ago; to be able to accomplish this you would need specific language, as there is pressure from the publishers not the put it on line.
  - J. Nick Chambers is scheduled to speak on Biodigester design on 10/23/08 at noon with a workshop scheduled after 1:30 PM.
  - K. It was suggested that we use the Electronic Bulletin board for meetings, we could also use it as a repository for hard copies. Andrea Yocum uses Wiki; maybe we can use it too.

Comment [P1]: 12 items from what?

Comment [P2]: Jo, I am not sure I remember what this is about

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- L. Questions were brought up; are committee members expected to attend Meeting? Answer: Yes
  - M. Gary Bowersock suggested that we add Chris Cocallas to the Sustainability Committee. We will need to go through the By-Law at the next meeting and vote as to the number of voting members we can have on the committee.
- III. Working Group Reports.
- A. Poster Session- Bob Siegrist is coordinator;
    - ✚ City of Golden hired a Consulting firm to come up with ideas to motivate people to protect our environment from Global warning and taking care of the resources we have left.
    - ✚ Create posters to highlight Sustainability activities on campus. By next meeting we should have some signs.
  - B. Water/Recycle Signage- John Skok
    - Recycling; the following are suggestions on how we can recycle more efficiently:
      - ✚ \$3000.00 left over from Senior Design project. Used money on cardboard recycle boxes.
      - ✚ We need more visual containers. We could put the recycle boxes next to trash cans.
      - ✚ Involve the Custodians with the recycling, they could pick up trash on Monday, Wednesday and Friday and on Tuesday and Thursdays they could help EH&S out with recycling.
      - ✚ Could we get reimbursements from our recycling?.
      - ✚ Get the students involved with the recycling. Some students would like to go to Apline Recycling to observe how the company operates.
      - ✚ We need to label containers more clearly.
      - ✚ We need more signage to state where recycle bins are located.
      - ✚ Approximately 50% of the students already recycle, we need to motivate the students to recycle.
      - ✚ We need to change the way recycling is done. Increase locations of the recycle bins. We will need money to make and hang signs. We need uniformity in our signage; use symbols instead of writing, list educational facts so people know why it's good to recycle.
      - ✚ Recycle Mania; have a contest in the dorm rooms and give prizes for the most recycle collected.
  - C. Sustainability Map- Tabled until next meeting
  - D. Ecopass- Survey Faculty and Staff to see who would be interested in an Ecopass. In the mean time, the bus fare is going up 20%. John says that the raise would not be as bad. McNeil has info and contacts on project that John can use. Will Adjuncts be eligible for EcoPass—yes, everyone is eligible. If ACSM drop the bus pass, what would happen with the fees?

E. Campus audit-Carrie Sonneborn has the following projects in process:

- ✚ Food wastes and composts
- ✚ Base line economics
- ✚ Crime on Campus
- ✚ Vandalism
- ✚ Projects in Facilities:
  - i. Evaluation of Steam Absorption Chillers
  - ii. EPICS are working with Jerry Solt on ground water, solid waste and storm water.
  - iii. Hire an consultant to do an evaluation audit on water and energy usage on campus.
  - iv. Look into opportunity to purchase carbon credits.
  - v. Green house gases; how long would it take to estimate heat waste?
  - vi. The cost to remove solar panels from Weaver Towers is \$185,000.00.

F. Sustainability Coordinator is to be hired. Kirstin is supportative of this position. President Scoggins is now aware for the need of a Coordinator. Golden's position earns \$68,000.00 per year. Try to obtain a 2 million dollar endowment to support Coordinator.

G. Bike Program: We could offer a Bus Rider appreciation day or reward people who ride their bike to work.

- ✚ Transit study with Golden to reduce traffic on campus streets. Connect the Light Rail system.
- ✚ Form focus groups to do audit, they may use service monkey to do audit. Look at parking on campus. Are there different ways to accommodate campus parking?

Open discussion:

Obtain grants to install a solar panel with motion sensors for the new marquee sign. Could we use solar panels to light the "M"?

Could CSM have its own composting facility? We could do Event and outdoor recycling. We could delete 90% of waste, one of the problems would be the decaying meat, it could draw unwanted animals and/or bugs.

Is it possible to accommodate the people who live on the other side of 6<sup>th</sup> avenue. This would be a CDOT issue not a city issue. A few years ago Golden looked into putting a bridge across 6<sup>th</sup> Ave. The problems they ran into is that CDOT would require it to be ADA compliant. This would mean it would have to be one mile long to meet with ADA requirements. At that point Golden gave up on the idea. We talked about putting a tunnel under the road but you have the same ADA requirements to contend with. Could we install an elevator installed? If we went to the trouble of installing a bridge with or without an elevator; the students would probably still cross 6<sup>th</sup> Ave the same way they are now.

| Next meeting will be November 7, 2008 at 11:00 am in the GRL Conference room.

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