

February 14, 2018 SEMC Meeting

Biodegradable Gloves Presentation

Monique and Kristen

Lower Division Instruction – work with 3 courses

11 classrooms

8 prep rooms

80-100 sections

3000+ students per semester

10 labs per semester

Prep staff 2017

Used 91 cases of gloves around 182,000 gloves used

All their gloves go into the trash

They received a 3-star rating from Sustainability

Gloves must be strong/tear resistant

Resistant to chemicals

Nonslip

Affordable

Latex gloves begin to lose protectiveness in about 12 minutes of use.

Degrade only slowly in a landfill

Many people are strongly allergic to natural latex

Nitrile resist more chemicals, have a higher puncture resistance, are much less allergenic but they may take decades to hundreds of years to decompose.

Many companies have glove recycling programs. Kimberly Clark is one of them but they only accept their own product, requires sorting of waste and the gloves must be shipped back. Extra expense, extra fuel in transport, more chemicals used in the recycling process. Not practical. Terra Cycle program accepts all types of gloves, but you must purchase their containers, sort and pay to ship back.

Biodegradable gloves – Eco best technology – protection and preservation in one product.

Made with organic nitrile, microorganisms decompose the materials, they turn into a natural fertilizer within 1-5 years. Standard test method for determining anaerobic biodegradation of plastic materials under accelerated landfill conditions.

The gloves tested showed little or no change. Gloves only showed degradation in the landfill not in the lab setting. Physical and chemical properties are the same in nitrile and SHOWA gloves.

They are FDA certified for food handling.

Paying \$79 a case 10 boxes (100 gloves in each box) in each case.

Nathan suggested that Monique's group set the gloves up as a master order with procurement. Then everyone could use that across the campus.

Standard is 4 mil. They offer thicker and longer gloves.

Sustainability Master Plan Update-

4 groups working on the plan-

Softly launched last spring.

Plan is to have it finalized in March 2018.

Goals, targets & actions – 16 goals, 50 targets,

Plan at a glance in each section

Targets, key players,

2.5 version will be here February 16, 2018

Comments due March 8, 2018

The firm will respond to each comment submitted.

This plan is only for main campus this will not include RELLIS.

Res-life will be doing a sustainability master plan with same company doing the one for campus. They will be doing workshop process. Should have final product by mid-July. They are including an ASHE abstract. Several people will be included in the planning phase.

U-Challenge this year there will be 60 people in 10 teams participating. Johnson controls and Siemens are sponsors. They have phases for each team they have to submit items so weed the teams down. Some are getting academic credit for their projects. Energy stewards are assisting the teams.

Recycling Container Updates – April 2017 the committee for built environment approved interior and exterior recycling containers. RFP went out and 2 met the standards. Max-R and Clean River. Clean River was selected. Campus standards stickers have been approved. 65 locations have been selected for the new containers. They are using green fund to pay for these. Outdoor containers have a rounded top to keep people from putting stuff on top of them. No transition for changing old containers for new ones. This is really for new construction and on. Some of the new ones will replace a few of the aging big bellies the rest will be in addition to the big bellies.

Contact Zack for the information on the stickers. Will just need to provide the size of the containers.

Bike Share Program- counted every bike that stays every night on campus. 7000 plus left. They are looking to get rid of the clutter, launching another bike program Feb 27th. 500 bikes will be out. 3000-4000 bikes in the bike share program in the fall. The bike share bikes are better suited for outdoor life. \$35 per semester cheaper than bike maintenance. Two programs going Zagster is \$25 per year. Trying to get rid of abandonment issues and junk sitting on campus and

adding to landfill. Ron spoke to student senate most didn't have bikes on campus and most wished they had bikes occasionally on campus so this program seems it will be successful. Working with SPH to market and get the word out. Lease program is also still available. Borrow a bike for free up to 12 times a semester.

Next two meetings are April 11 & May 9.

TRACS summit is coming up. Community earth day is April 22.

Meeting adjourned.