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## OFFICIAL MEETING MINUTES

### **MEMBERS PRESENT**

Michael S. Barnhart, Jay Price, Mike Rotella, Charlie Howard, Steve Crouch, Jason Cottrell, Randy Hamilton, Brian Gard, Melanie Reese, Rebecca Alcorn

### **MEMBERS ABSENT**

Garrett Ferry, Terry Ledford, Brian Payne

### **GUESTS / PROXY(S) / MINUTES TAKER(S)**

Josh Walker, Johnathan Sawyer, Brian Ranger, James Cantu, Shannon Loyd (minutes taker)

### **HANDOUTS**

ECC Charter and Bylaws – Version 3.1; Q2 – 2023 ECC Meeting Minutes; TDEC Compliance Evaluation Inspection Report from July 6, 2023.

#### 1. WELCOME/APPROVAL OF AGENDA

Michael Barnhart, Program Leader, Environmental Programs (EHS), welcomed everyone to the meeting. Guest members introduced themselves.

#### 2. REVIEW OF PREVIOUS MEETING MINUTES

**(Q): Michael Barnhart asked if there were any questions or concerns regarding the previous meeting minutes?**

**(A): No.**

Michael Barnhart moved (motion) to finalize minutes.

#### 3. NEW BUSINESS

##### a. ECC Charter and Bylaws Briefing

Mr. Barnhart discussed an oversight on the final version. A placeholder was removed for the ORE (Officer Research and Engagement) now ORIED. Did not think a revote was necessary.

**(Q): Any issues with the removal of placeholder?**

**(A): No.**

##### b. TDEC Findings

Mr. Barnhart discussed how Pamela Rudd from TDEC reached out to himself and Mr. Rotella to go through hazardous waste materials. She let them know she would be on campus within the hour. Ms. Rudd spent the entire day with Mr. Barnhart and Mr. Rotella inspecting several areas on main campus (including SERF, Mossman, Senter, Dougherty, UT warehouse, Hesler).

Mr. Rotella discussed meeting with Ms. Rudd and the documents she requested to view (including certifications, manifests, etc.). He stated they walked together around campus to conduct inspections and came away with seven violations total. Serf had a couple, Hesler had a couple, Main waste room had a couple. They were all minor violations. Same issues as previously (open containers, no hazard indicated, label not filled out correctly). In the next few weeks (early August) there will be a re-inspection. TDEC will go back to the same areas that were cited on inspection. Mr. Rotella mentioned that TDEC normally comes around June every other year to year and a half.

Mr. Barnhart stated that Ms. Rudd felt the University did much better on this inspection than previously.

Mr. Ranger spoke about the previous inspections from 2021. Similar violations cited. Repeat violations were an issue. Lab safety built a mechanism that includes quarterly inspections (especially of labs that have had issues), produced an audit form, and reduced their findings significantly. Staff members on the chemical hygiene side perform fume hood inspections and spot checks. Mr. Ranger discussed how Lab Safety is attempting to be more present in labs in a more formal way to ensure less violations.

**(Q): (Mr. Ranger to members) Any questions?**

**(A):**

Mr. Ranger spoke about how he will do more of a mass communication about the TDEC report to share information using a Listserv. TDEC will be back, and more people need access to report information to prevent further violations.

Mr. Barnhart discussed the previous lab inspections conducted by EHS that were conducted in the labs that had previous violations. He mentioned that Ms. Rudd (TDEC) sent a letter out on 7-6-23 and gave 30 days for us to respond regarding violations cited. She will return to campus to re-inspect the first week of August.

**(Q): (Ms. Alcorn) Will move-in impact Fleming in any way for when she (TDEC) returns?**

**(A): (Mr. Price) No. It is a 2-week process now. They start the 11<sup>th</sup> through the first day of class.**

Mr. Barnhart mentioned there will not be any scheduling with TDEC for inspections. They usually audit in June.

Mr. Price stated he was not available during inspection although he would have preferred to be present. He stated that batteries are the biggest issue. Trying to figure out a solution. Going to have to take the terminals and label individually.

Mr. Rotella mentioned that TDEC sees a bulk shrink-wrapped product as more of a "finished" product requiring proper labeling.

Mr. Price is addressing clutter in the warehouse, adding new shelving, keeping things elevated off the ground.

Mr. Barnhart stated that Ms. Rudd mentioned clutter as an issue throughout.

Mr. Barnhart will send out the letter that he writes to get feedback prior to sending to TDEC. Letter will be sent out the following week. Mr. Barnhart let Garrett know that TDEC did not bring up stormwater or lead.

Mr. Price discussed needing a different approach on how Facilities receives universal waste as a central storage area. Housing will come on a specific date every month to do pickups. Proposes designated days for universal waste drop offs. Same needed for athletics and other departments.

Mr. Rotella stated we have a service log that Mr. Price may want to look at to coordinate pick-ups and requests for universal waste. Mr. Barnhart mentioned how we are trying to transition away from people reaching out by email/phone where it cannot be properly tracked.

**(Q): (Mr. Alcorn to Mr. Price) Are you going to incorporate your facility services expectations into your training in September?**

**(A): Sure. We need to build that into it ahead of time.**

c. Glass Disposal

**(Q): (Mr. Price) Can we talk about what was found in the glass container at the warehouse?**

**(A): Mr. Ranger stated it is nothing biological. It is glass that goes through a tissue fixative process which neutralizes any biological material and then they thin slice it and they stain with a stain. It is not recyclable. It is glass trash. It should be sealed in a box and put in a dumpster.**

**Mr. Cantu discussed how the glass left at the public drop off looked bad with the pathology label. Glass collection had been gone for years and now it is back. Mr. Ranger reiterated sealing the glass up and disposing properly to avoid any sharp objects protruding.**

**Mr. Crouch said he would reach out to the department. Mr. Ranger said he will reach out to Alicia Ravino. She is an internal safety coordinator at CBM. She can find out who put the glass slides at the drop off.**

Mr. Crouch stated the Safety Coordinator may come to him for assistance.

Mr. Ranger stated the Safety Coordinator can share through a list serv what not to dispose of at recycling.

4. REGULATORY COMPLIANCE OPERATIONS

a. Cooking Oil

**(Q): (Mr. Cottrell to Mr. Price) Is there anyone involved in cooking oil accountability when it comes to Aramark? Issues with secondary containment and the security of the oil. Are you working with Aramark on this?**

**(A): (Mr. Price) We provided containers and spill pallets. The additional elevation created more problems. Eliminated those and went with double wall containers.**

Mr. Cottrell stated there needed to be pressure put on Aramark to take accountability for any issues involving the cooking oil and suggested a stakeholder to be a member of the Environmental Compliance Committee.

Mr. Price stated that spill kits were needed for the cooking oil sites.

Mr. Barnhart stated he would reach out to Mohammad (UT Dining Supervisor).

Mr. Price discussed the changes to the way the oil will be removed that will reduce oil spillage.

b. SPCC Plan training

**(Q): (Mr. Cottrell) Does TDEC want the SPCC training records on file (on site)? For all of campus?**

**(A): Each department on campus (ex: Facilities) should keep their own records.**

Mr. Barnhart discussed the need to have fleet involved with training on SPCC and RCRA. EHS is actively working with Fleet.

Ms. Alcorn stated if TDEC wants campus records you go to Learning and Organizational Development. If you want system records, go to Employee and Organizational Development. Within departments it would be the Campus Learning Administrator of that department.

**(Q): (Mr. Ranger) Would not training requirements for SPCC just be for people identified as responsible for the plan?**

**(A): Yes.**

**(Q): (Mr. Price): Would there be a requirement for each employee to have been trained.**

**(A): (Ms. Alcorn): Its dependent on the job they do. If they are handling those materials, then they would need to.**

Mr. Barnhart mentioned the idea of digitizing the SPCC training.

Mr. Howard discussed the requirement for monthly inspections of the generators for leaks. Ensafe was having trouble finding the monthly inspections.

Ms. Alcorn stated she thought that was what was being pulled from Archibus.

Mr. Howard stated there is a checklist in the SPCC that we use for those inspections.

Mr. Barnhart brought up the elevators that were mentioned in the TDEC report.

Mr. Cottrell stated our maintenance group oversees the generators and elevator inspections.

Mr. Barnhart will reach out to Troy and discuss bringing SPCC training material to fleet.

**(Q): (Mr. Ranger): If we could have a conversation offline about potential lab environments that might need to have SPCC capabilities and training? We have some that collect waste oil and drums.**

**(A): (Mr. Howard): Yes, there should be an awareness.**

**(Q): (Mr. Crouch): Can you tell them to get 30-gallon drums instead of 55-gallon?**

**(A): (Mr. Ranger): Agreed. There is hydraulic fluid that has 50 gal drums.**

c. EnSafe Training

Mr. Barnhart stated we started the EnSafe auditing process for lead, asbestos, and uni waste. EHS and IWS addressed their deficiency list. Kicked it over to James group for posting. Mr. Barnhart and Mr. Howard have been benchmarking with University of Florida and UGA about their processes. They manage universal waste and hazardous waste in a similar fashion to UTK. We need to have another sit-down regarding the guide. UGA had some good things poster wise regarding universal waste and hazardous waste.

Digital versions of the asbestos piece back from Lance. Extensive list of items to look at. We will reach out to Lance and Rich to help walk us through.

d. Lead-based Paint

Mr. Howard discussed the lead inspection conducted at the early learning center. Mostly chipped paint. Zone maintenance should address. Results came back regarding Hesler biology rooms. Samples were taken from walls and ceilings. They all were positive for lead but under the threshold amounts.

Unsure how extensive the renovations are going to be.

**(Q): (Mr. Howard): Is it just those three rooms or just use those three to represent the sample?**

**(A): (Mr. Cottrell): I am not sure. It is a widespread issue.**

Mr. Howard found a lab out of Memphis who is Certified in EPA, lead, and are cheaper. If more sampling needs to be done or the project is larger, we will have a separate company come in.

Mr. Barnhart wants to meet with Mr. Crouch to discuss SPCC plan separate from main campus. First week of August.

5. OTHER BUSINESS/ROUND TABLE EVALUATION

a. General Questions

**(Q): (Mr. Gard) What is being stored at Concord? There is a CONEX with external placarding.**

**(A): (Mr. Ranger): It is RAD waste trailer. They moved them out of the old bunker building.**

**Unsure if the dumpster was transferred or not.**

**Marsha will contact facilities regarding RAD waste.**

**(Q): (Mr. Crouch): Did you include McCord regarding the cooking oil issue?**

**(A): (Mr. Price): We have two types of containers for cooling oil. Either 30 gal drums or 300-gallon containers. Quite sure McCord has 30 gal drums.**

Ms. Alcorn stated that universal waste/hazardous waste training is scheduled for the week of September 12<sup>th</sup>. Five sessions. A makeup session will need to be scheduled for later in the month. One hour on hazardous waste and one hour on universal waste.

We are losing universal waste as an online training program. We can look at creating our own online module to host on KATE as well. After October 31<sup>st</sup>, the Skillsoft contract is not being renewed. EHS is developing an online module for SPCC that will be hosted on KATE. Lead awareness training will still be available online.

Mr. Barnhart mentioned EHS will be over at Fleet Services to do RCRA training for one session on August 31.

## 6. ADJOURNMENT

### d. REMINDERS

- a. Next meeting: Tuesday, October 17, 2023, at 9:00 am.
- b. Please email questions to Michael S. Barnhart ([mbarnha4@utk.edu](mailto:mbarnha4@utk.edu)).