

OFFICIAL MEETING MINUTES

MEMBERS PRESENT

Michael S. Barnhart, Garrett Ferry, Jay Price, Mike Rotella, Charlie Howard, Steve Crouch, Jason Cottrell, Rebecca Alcorn, Brian Payne

MEMBERS ABSENT

Frank Lancaster, Terry Ledford

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

Troy Soumeillan (guest), Jonathan Sawyer (proxy for RH), Josh Walker (proxy for FL), Shannon Loyd (minutes taker)

HANDOUTS

EC-060 (To be revised)

1. WELCOME

Michael Barnhart, Program Leader of Environmental Health and Safety, welcomed everyone to the Q4 2022 (October) meeting.

Mr. Barnhart had everyone in attendance introduce themselves and state what area they work in.

2. APPROVAL OF AGENDA

Mr. Barnhart began discussion of current agenda by addressing that the previous meeting was held in late 2018. Previous audits had been cited in prior meetings. He discussed the possibility of audits being conducted every four years. The audits may include the handling of universal waste storage. Zone maintenance (Derek Bailey) would be the contact.

Garrett Ferry suggested the timeframe for the audits be on a similar period as the renewal of lead certifications. May be better to pick programs each year to be audited. Many permits are on a 5-year cycle. The stormwater permit is not on the same 5-year permit as the MS4 Permit.

3. NEW BUSINESS

- a. Establishing an Environmental Compliance Committee.

Mr. Barnhart emphasized the importance of establishing a committee to meet on a quarterly basis to discuss any compliance related items. A subcommittee to CSC. Draft sent to Garrett. Membership lists needed for committee.

- b. EC-060 Safety Procedure needs revision.

Mr. Barnhart discussed the possibility of having an outside audit conducted. The last audit was conducted in 2014 by EnSafe.

4. CONSTITUENT ISSUES

- a. Audits

(Q): Mr. Cottrell asked if there were any risks in doing an audit?

(A): It is better to be prepared and find issues that can be addressed prior to TDEC finding the issues first and possibly higher fines attached.

(Q): What window is acceptable?

(A): Most regulators will give more flexibility to those who are actively pursuing compliance.

- b. Project time length

The issue of project time length in terms of compliance was brought up. For example, if a project is over \$100,000 and goes to state commission which could take a year, design period 6-10 months, construction window 2 months, construction total could be as long as 2 years.

(Q): How would this period affect compliance?

(A):

- c. Cooling tower leaking. Chlorinated water discharging.

Cooling tower failing and discharging. (NE corner of building). Mr. Cottrell stated the crane is not large enough to replace it. The crane also will not fit on Volunteer Blvd. A problem that cannot be fixed. Possibility of fines up to five thousand per day by violating the Clean Water Act. Mr. Barnhart and Mr. Howard stated that the audit is to protect the University from liabilities. The EPA had directed the university to either do an internal audit or the audit will be conducted by the EPA.

A plan of action needs to be put in place to address these issues.

- d. Audits (Continued)

Stormwater audits conducted four times by TDEC. Mr. Barnhart proposed pairing down the audits to a few specific areas (lead, asbestos, and universal waste).

SPCC did a “semi” audit. Updated SPCC period will be approximately 3 months (by December latest).

EHS team needs to get together with Jay on Universal Waste issues.

Mr. Crouch spoke in favor of conducting the Universal Waste audit for the first round.

Fines were issued previous year for universal waste. EPA/TDEC tend to look for maintenance rooms to inspect.

(Q): Ms. Alcorn asked how any added information will be shared with the people doing the actual work?

(A): There needs to be a push for departments to address a claim within a period of 24-72 hours.

e. Training

Ms. Alcorn brought up the previous SPCC and universal waste training that used to be conducted.

There is a need for PIs to understand the importance of fixing any issues.

Ms. Alcorn will talk to each building manager and give a template to share.

Things need to be worded better in documents.

Mr. Walker stated there is not much clarity on who is responsible for specific tasks.

Mr. Payne discussed the need for hiring an EHS training manager.

Mr. Cottrell emphasized the need for facilities to initiate their own training, and to change the mentality of “creating more work.”

5. OTHER BUSINESS

a. Space Institute

(Q): Is this committee over the UT Space Institute?

(A): No.

Mr. Ferry discussed the issues with the Space Institute. Attempts were made to remove the coal, but it has not been removed yet.

b. Used oil disposal

Limited space available for used oil. Oil is kept a in a 300-gallon tote.

(Q): What can we do on steam plant hill to stay in compliance?

(A): The Space Institute has a garage for some storage. Mr. Rotella can help with oil collection.

c. Concord property.

There are seventeen acres of brown field.

People need to be mindful of compliance of projects done in this area with time limits in buildings.

Currently under designer selection.

d. Universal Waste

Mr. Cottrell discussed the ongoing issue with universal waste. The problem is not being fixed. He stated online training does not work.

UT warehouse space could be used as a training space.

There needs to be protocols for reporting.

(Q): Could the safety coordinator check on this?

(A):

Zone maintenance/foreman need training. There needs to be accountability for universal waste.

(Q): Where is the central hub for universal waste?

(A):

Mr. Cottrell stated light bulbs are not taken from the public. 15-25% of batteries are from public drop-off. Lead acid batteries are from UTK.

e. Asbestos

Asbestos audits were discussed. Visible emissions and waste disposal were noted in audits. UTK does not store it.

OSHA is main contact for asbestos.

Daycare facility responsible for asbestos.

f. Lead

Lead rarely goes to sanitation safety.

Lead training had not been conducted in "a while."

Prior lead incident at daycare facility.

IWS does lead inspections.

Mr. Walker emphasized the litigation and risk issues.

g. REMINDERS

- a. Next meeting: Tuesday, January 17, 2023.
- b. Please email questions to Michael S. Barnhart (mbarnha4@utk.edu).
- c. Mr. Barnhart to communicate with Facilities about future audit time.
- d. Thursday 10/20/22-Universal Waste Meeting.

FINAL