

1) What are the core functions of your unit that are funded in Fund 1?

RISK/Environmental Health and Safety (EHS) functions:

- Provides environmental, health, safety, and risk management services
- Provides safety training and consultation
- Serves on several campus boards and committees
- Consults and assists departments on OSHA, EPA, regulatory issues
- Provides safety, health, and risk oversight to four community campuses
- Manages policies and procedures (>50 policies)
- Coordinates with procurement to review contracts and pro card requests
- Reviews Risk Management plans for accuracy and proper insurance
- Manages the Asbestos program
- Air monitoring and fume hood testing
- Chemical Hygiene program management
- Emergency response planning, training, and consultation

Chemical Hygiene Officer (CHO) functions:

- Perform lab safety audits
- Employee safety training
- Screen chemical orders for regulatory compliance and redistribution of surplus
- Employee chemical exposure monitoring
- Manage hazardous waste storage and disposal for entire campus

Office of Emergency Management (OEM) functions:

- Help the university prepare for, respond to, and recover from emergencies pursuant to University Policy P02.05
- Facilitate business & academic continuity in the face of all hazards
- Represent UAA at UA System, municipal, state, federal planning & response events
- Initial Responder training to students and employees
- Maintain a “sound Emergency Management Program” according to President Gamble’s 2011 formalized Division of Responsibility between SW and MAUs

2) If one or more of these functions was reduced or discontinued, what would be the impact on: (Not all elements may be relevant for your unit. Only address relevant items.)

a. More students persisting and completing educational goals?

- Lack of lab safety audits and employee laboratory safety training may contribute to poor safety habits being taught to students, affecting their future success,

- Near misses and accidents in labs, with potential injuries and/or chemical exposures,
- Improper storage of chemicals, increasing chances of an adverse reaction and damage
- Mixing incompatible chemicals in waste streams, increasing chances of an adverse reaction, and increasing the costs for proper disposal

b. Supporting overall student, faculty and staff success in meeting UAA's mission?

(EHS) functions:

- Several regulatory actions simply would not be accomplished opening up gaps in safety, environmental, and emergency management.
- Processes for reviewing plans, approving contracts, approving and waiving some activities based on risk would not be available.
- Conditions can deteriorate and the safety of faculty, staff, and students will be compromised.
- Regulatory and compliance issues can become lost and not accomplished.
- Redistribution of surplus chemicals saves money by using the resource instead of disposing it as hazardous waste, as well as freeing up research funds or lab fees to purchase other needed supplies.
- Employee chemical exposure monitoring assures employees and students their health is not being adversely affected by their educational or research activities.

c. Impacts to UAA's reputation, and ability to attract and retain students and/or external support?

- One of the main factors in choosing a University is safety and security, if conditions are allowed to decline and operations are not kept in order or people start getting injured because of those conditions it can lead to a negative reputation.
- Keeping the campus in compliance with federal, state and local regulations helps keep UAA's reputation as a safe place to work and learn
- OEM Readiness programs keep UAA functioning during crisis and help with speedier recovery. Students and employees who won't or can't return to campus after a crisis will go elsewhere.

3) Identify measures and targets used to monitor the impact of functions on each of the above (not all elements may be relevant for your unit, only address relevant items).

- Safety and Environmental audits in all departments ensure we are addressing compliance issues constantly(visits are scheduled every 2 yrs)
- Amount of hazardous waste properly disposed
- Number of faculty and students training to specific OSHA standard chemicals

- Reviews of contracts and procurement requests must be accomplished in a timely manner to ensure products and services are maintained to support the University. (Completed over 90 since 1 Aug 2019)
- AKOSHA 2017-2018 resulted in over 1 million dollars' worth of unexpected expense. Regulatory issues are not insured and must be addressed by trained professionals.

4) What improvements have been achieved over the last five years?

- Identified and replaced outdated testing equipment for air monitoring and testing for confined spaces and other issues. Equipment had not been calibrated since 2013 and was no longer supported.
- Safety Warden Program-35 people trained in light search and rescue across the campus
- Revised 17 new safety program policies
- Developed new Restricted Access Plan for educational spaces other than scientific Labs
- Upgraded our chemical inventory management system to Risk & Safety Solutions (RSS), which has SSO and permits all UAA employees to login simultaneously
- Chemical Hygiene Officer has been certified by the National Registry of Certified Chemists
- OEM planned & executed exercises of response plans that included students and multiple UAA departments integrating with off-campus agency resources
- Leadership is now trained in NIMS requirements for crisis management

5) What efforts have your unit made to improve efficiencies and reduce costs? What was the result?

- Instituted Smartwaiver program. Eliminated the need for hard copy waivers and untold amounts of paperwork storage. As many as 600 waivers a month are needed in various programs. Costs of mailing forms, collecting signatures, and time spent tracking waivers and other paperwork will go down as much as 90 percent. Just started the program in Feb 2020 but more measurable data is expected in the future.
- Set up a P.O. with Beacon, a local safety and environmental firm to conduct respiratory fit testing, audio grams, air monitoring. No FTE available to do this work.
- OEM has traveled to community campuses assessing training needs, and established working relationships with local providers in ICS and CERT

6) List and briefly describe any current or proposed Board of Regents Policy, State or Federal mandates, or laws that require the continuation of your core function(s).

- BOR Chap 05.09 –Risk Services—Establishes a framework for Risk Services
- President Gamble letter Sept 2011, division of services between campuses and SW
- OSHA General Industry (29 CFR 1910) and Construction (29 CFR 1926) regulations
- OSHA's Laboratory Standard (1910.1450), Hazard Communication Standard (1910.1200), and Subpart Z – Toxic and Hazardous Substances (1910.1000-1096)
- EPA's Emergency Planning and Community Right to Know annual reporting (EPCRA sections 311-312) and Alaska Statute AS 29.35.500 Hazardous Chemical, Materials, and Wastes
- EPA's RCRA (40 CFR parts 239-282) and Hazardous Waste regulations (40 CFR 260-268, 270-273)
- ADEC Spill Prevention and Response 18 AAC 75
- DEA – Controlled Substances and Regulated Chemicals
- NIH – Dual Use Research of Concern in life sciences
- American National Standards Institute Standards-Guidance standards for operations
- Life Safety Code-Provides standards for building Life Safety, sprinklers, exits, aisle ways, etc..
- OEM helps assure compliance with Clery, NIMS, Higher Ed Opportunity Act, and UAA Policy 05.09 Risk Management

7) Potential cuts: Please describe any function reductions or eliminations that are feasible without significantly affecting UAA's mission fulfillment or its compliance mandates? Are any functions within your unit are duplicated elsewhere at UAA? Is there an opportunity for efficiency to be created by partnering or combining functions? Please describe the opportunities you identify within your unit and include the approximate dollar values and savings that would result.

- The compliance responsibility we have drive's us to continually evaluate and determine if there is a better way to be more efficient, however we are required by Federal and State law to maintain compliance
- No functions are fully duplicated
- Universal waste is disposed by various departments, including EHS, and needs to be consolidated but still have a person knowledgeable of the regulations (40 CFR part 273) to assist in determining what and how these wastes can be disposed.

- OEM consists of one FTE and no other department on or off campus has responsibility to fulfill the emergency management needs of UAA. It relies on strong relationships to support the OEM and UAA missions.