

REGION 10 Enforcement Division

INSPECTION REPORT

Inspection Date(s):	09/13/2021 - 09/15/2021	Announced: No	
Time:	Entry: 09:41 AM (AKT)	Exit: 12:05 PM (AKT)	
Program:	RCRA		
Regulatory Program(s):	Title 40 - ENVIRONMENTAL PROTECTION AGENCY		
If Access is Denied:			
Company Name:	University of Alaska		
Facility or Site Name:	University of Alaska Fairbanks		
Facility/Site Physical Address:	Tanana Loop		
(City, state, zip code)	Fairbanks, AK 99775-8145		
Type of Operation:	University		
Size of Facility:	2,250 acres		
Length of Facility at Location:	Since 1922		
Geographic Coordinates:	64.8541, -147.8221		
Mailing address: (Secondary Address)	Ms. Tracey Martinson, Director EHSRM tamartinson@alaska.edu P.O. Box 758145 Fairbanks, AK 99775-8145 CC: Richard Deck, Hazardous Materials Supervisor reddeck@alaska.edu Kris Riley, Hazardous Materials Coordinator kcriley@alaska.edu		
(City, state, zip code)	Fairbanks, AK 99775-8145		
County:			
Facility/Site Identifier:	AKD048679567		
Media Number:	N/A		
NAICS:	611310 – Colleges, Universities, and Professional Schools		
Lead Inspector:			
Jon Jones			
	REGION 10	Jones.Jon@epa.gov	(907) 271-6329
Additional Persons Participating in Inspection:			
Supervisor Review:			
Jen Sullivan			
	REGION 10	Sullivan.Jennifer.A@epa.gov	(206) 553-6978

SECTION I – INTRODUCTION**Purpose of the Inspection/Objective**

Type of inspection: CEI - Compliance Evaluation Inspection

This was a Resource Conservation and Recovery Act (RCRA) inspection. The facility was inspected to ensure compliance with standards for hazardous waste generators and universal waste management (40 C.F.R. Part 262 through 273) and used oil management (40 C.F.R. Part 279). The inspection was conducted as part of a Core Program requirement for FY 2021.

Attendees

Title	Name	Phone	Email	Present in Opening Conf.	Present in Closing Conf.
Lead Inspector	Jon Jones	9072716329	Jones.Jon@epa.gov	Yes	Yes
Hazardous Materials Supervisor	Richard Deck	(907) 474-5617	redeck@alaska.edu	Yes	Yes
Hazardous Materials Coordinator	Kris Riley	(907) 474-7889	kcriley@alaska.edu	Yes	Yes
Director EHSRM	Tracey Martinson	(907) 474-6603	tamartinson@alaska.edu	No	Yes
Director of Utilities	Kurt Knitter	(907) 474-7091	kknitter@alaska.edu	No	Yes

Opening Conference

EPA Lead Inspector Jon Jones arrived at the University of Alaska Fairbanks at 09:41 AM (AKT) on 09/13/2021 for an inspection. I presented my credentials to Richard Deck and informed him that this was an EPA RCRA inspection. The table above presents all the opening and closing conference inspection participants.

Facility/Site Description

University of Alaska Fairbanks (UAF or facility) is located on the west side of Fairbanks, Alaska. Additional information about UAF can be found on their website at www.uaf.edu.

Facility Info

Number of employees	670 Faculty, 2,912 (full and part-time) staff and 1,061 student employees
Operating Hours	Monday through Friday from 9:00 a.m. to 5:00 p.m.
Safety Training Provided to Inspector(s)?	No
What type of generator facility verified as?	Still operating as a Large Quantity Generator; however, most of the time and since the onset of the COVID-19 pandemic, the facility has been a Small Quantity Generator.

Weather Conditions	Cool and cloudy
What type of generator facility notified?	Large Quantity Generator

Process Description

Changes since the last inspection:

- Facility now manages waste aerosol cans as universal waste.
- New Power Plant has gone online - generating coal ash, waste lamps managed as universal waste, and used turbine oil.
- Atkinson Central Power Plant has been decommissioned.
- Notified under Subpart P for waste pharms - Student Health Counseling Center, Veterinary clinic. Facility opted into Subpart P; however, they do not generate any waste pharmaceuticals, either hazardous waste or non-hazardous waste, that would go back to a reverse distributor for credit.

Mr. Riley joined the opening conference at 10:18 a.m.

I asked for a list of all the hazardous waste and universal waste accumulation areas and was provided with this information during the inspection which is also included as attachments to this report.

During the inspection I was accompanied by Messer's, Deck and Riley.

During the inspection I looked at the facility's processes, in addition to hazardous waste management practices, generation points, and accumulation areas. I looked for wastes that facility representatives had not yet identified or designated as hazardous. I also observed the facility's universal waste and used oil management. Specifically, I inspected the following areas of the facility listed below.

Building(s)

Building/Area/Sub-area	Process Description	Area of Concern
AFES Experimental Farm	Agricultural & Forestry Experimentation Station	Yes
AFES Maintenance Garage		Yes
Used oil accumulation area		Yes
Waste aerosol SAA		Yes
Atkinson Power Plant		Yes
Maintenance Shop SAA		Yes
North stairwell leading to the old control room	Universal waste accumulation area	Yes
Bldg. 799 - Hazardous Materials Handling Facility (HMF)	Central accumulation area and product storage area.	Yes
Covered storage area	Used oil and product storage area	Yes
Cell D	Product storage area for Iso-Propyl Alcohol.	Yes

Cell E	Used oil and product storage area.	Yes
Flammable and Corrosive storage cabinets	Used both to store Non and HW as well as surplus product.	No
North end of the building		Yes
South end of the building	Waste battery and waste aerosol sorting area.	Yes
Area beside door leading out to the covered storage area (outside)		Yes
Top of flammable storage cabinets		Yes
Bldg. FS306 - Duckering Building	Engineering classes and labs	Yes
Room 442 - ASIF	Lab	Yes
Fume hood	SAA	Yes
Room 444 - ASIF	Lab	Yes
Fume hoods	SAA containers	Yes
Room 448 - Alaska Stable Isotope Facility	Lab area divided into Lab A and Lab B	Yes
Lab B	SAA	Yes
ELIF Bldg. 304	Engineering, learning and innovation facility.	Yes
Room 211	Lab	Yes
East end of lab		Yes
Fume hood SAA		Yes
Yellow flammable storage cabinet	SAA	Yes
Facility Services		Yes
Customer Service	UW accumulation area	Yes
Paint Shop		Yes
Paint booth		Yes
Step-can outside Rm 152B - Paint Shop Tool & Paint Storage		Yes
Trash can next to deep sink		Yes
Room 140 - Transportation / Vehicle services		Yes
Waste Aerosol SAA		Yes
Room 141 - Alarm/Electrical/HVAC SHOP	Accumulation area for used oil and waste aerosol cans.	Yes
Room 142 - Plumbing Shop	Aerosol accumulation	Yes
Fine Arts Complex - Bldg. 313	various classrooms with SAA's generating paint solvent and rags.	No
Irving I Bldg.	Institute of Arctic Biology	Yes
Rm 207 Lab		Yes
Area just in front of the vent hood		Yes
Rm 409 Lab		Yes

Fume hood	SAA for waste HCL acid	Yes
Murie Bldg. - Biology (arctic)		Yes
Rm 209 Prep Lab		Yes
Fume hood		Yes
Rm 318		Yes
Lab table		Yes
Fume hood		Yes
Room 318B		Yes
Fume hood		Yes
Reichardt Bldg. (Chemistry Labs)		Yes
Chemical Storage rooms		No
Lab 241		Yes
Fume hood		Yes
Lab 242		Yes
Fume hood		Yes
Lab 246		Yes
Fume hood		Yes
rm 132 Chem Lecture prep		Yes
Fume hood		Yes
Rm 143 Chem Research Lab		Yes
Cabinet beneath Fume hood		Yes
Room 191 Chem Research Lab		Yes
Table on right as you enter the lab		Yes
Room 193 (Lab)		Yes
Fume hood		Yes
Room 244		Yes
Fume hood		Yes
William A. O'Neill Bldg	Fisheries and Ocean Science Labs	Yes
Rm 143	Zooplankton & Benthic Ecology Lab SAA	Yes
Area adjacent to the Fume hood		Yes
Rm 145		Yes
Fume hood	SAA for waste formalin	Yes

SECTION II – OBSERVATIONS AND RECORDS REVIEW**Observations**

Building: AFES Experimental Farm/AFES Maintenance Garage/Used oil accumulation area	Contains CBI: No
Observation #: JJ1-OB-045	Date: 09/15/2021

At the time of the inspection, there was a 5-gallon container beneath the oil filter crusher that contained used oil. At the time of the inspection the container was not labeled with the words "Used Oil."

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both verbal and photo documentation that the 5-gallon container beneath the oil filter crusher had been labeled with the words "Used Oil."

Photo(s)

1. [Observation Image-20210915110050050204900.jpg](#)
2. [Observation Image-2021091511010010193314.jpg](#)
3. [Observation Image-2021091511010818211622.jpg](#)

Building: AFES Experimental Farm/AFES Maintenance Garage/Waste aerosol SAA

Contains CBI: No

Observation #: JJ1-OB-044

Date: 09/15/2021

While at the AFES Maintenance Garage, I saw a clear plastic tote labeled with the words, "hazardous Waste" and "Waste Aerosol Cans" that contained waste aerosols. At the time of the inspection, the tote was not marked with a hazard indicator.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the clear plastic tote that contained waste aerosols had been re-labeled with the words "Universal Waste-Aerosol Cans."

Photo(s)

1. [Observation Image-20210915105208528172528.jpg](#)
2. [Observation Image-202109151052235223346221.jpg](#)

Building: Atkinson Power Plant/ Maintenance Shop SAA

Contains CBI: No

Observation #: JJ1-OB-018

Date: 09/14/2021

While inspecting the satellite accumulation area (SAA) near the maintenance shop, I saw a 55-gallon container with an attached aerosol can popper and filter. I asked the operator, Mr. Dean Ojala, Jr., CT3 Maintenance Mechanic Lead, about the container and he said they puncture aerosols into the container. At the time of the inspection, the container was approximately 1/6 full. The container was not labeled with the words "Hazardous Waste" and had no hazard indicator. UAF recycles the punctured aerosol cans as scrap metal.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the 55-gallon container had been labeled with the words labeled with the words "Hazardous Waste" and a hazard indicator.

Photo(s)

1. [Observation Image-202109141014131413241071.jpg](#)
2. [Observation Image-202109141014251425205672.jpg](#)
3. [Observation Image-202109141014431443230892.jpg](#)

Building: Atkinson Power Plant/ Maintenance Shop Contains CBI: No SAA	
Observation #: JJ1-OB-019	Date: 09/14/2021
While at the SAA, I saw two 55-gallon containers that Mr. Ojala, Jr. said were being used to store used turbine oil. Neither container was labeled with the words "Used Oil." Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the two 55-gallon containers had been labeled with the words "Used Oil."	
Photo(s) 1. Observation Image-202109141021212121252710.jpg 2. Observation Image-202109141021302130254863.jpg	

Building: Atkinson Power Plant/North stairwell leading to the old control room Contains CBI: No	
Observation #: JJ1-OB-017	Date: 09/14/2021
While inspecting the old Atkinson Power Plant, I saw two, four-foot cardboard boxes that Mr. Deck confirmed contained waste fluorescent lamps. One box was closed and had no labeling and the other box was labeled as universal waste lamps but not closed. Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the two cardboard boxes that contained waste fluorescent lamps were taken back to the Bldg. 799 - Hazardous Materials Handling Facility (HMF), where they were repackaged and labeled with the words "Universal Waste-Lamps."	
Photo(s) 1. Observation Image-202109140958245824330242.jpg 2. Observation Image-202109140958405840158073.jpg 3. Observation Image-20210914095903593165539.jpg	

Building: Bldg. 799 - Hazardous Materials Handling Facility (HMF)/Covered storage area/Cell D Contains CBI: No	
Observation #: JJ1-OB-002	Date: 09/13/2021
While at the HMF, I saw seven, 55-gallon containers in Cell D. I looked at the labeling on one of the containers and saw that it was labeled as containing Iso-Propyl Alcohol. The containers were in a bermed concrete containment area that held an accumulation of liquid (potentially rainwater). I could see rust around the bottoms of the containers. According to Mr. Deck, five of the containers held Isopropanol, one held Methanol, and one held Ethanol. Mr. Deck told me that the containers held product that was used in various labs across campus.	
Photo(s) 1. Observation Image-2021091311132513251898201.jpg 2. Observation Image-2021091311135613561859018.jpg	

3. [Observation Image-2021091311141314131624579.jpg](#)

Building: Bldg. 799 - Hazardous Materials Handling Facility (HMF)/Covered storage area/Cell E **Contains CBI:** No

Observation #: JJ1-OB-001

Date: 09/13/2021

While at the covered storage area, at Bldg. 799, in Cell E, I saw several 55-gallon containers that were rusted at the bottom. According to Mr. Deck, the containers held product. According to the labels on the containers, they held North Slope Crude Oil and were marked with DOT Class 3 hazard indicators. There were three containers and two of the three were also bulging at the top and bottom of the container.

Photo(s)

1. [Observation Image-202109131103443441502549.jpg](#)
2. [Observation Image-202109131104154151421441.jpg](#)
3. [Observation Image-202109131104354351602830.jpg](#)

Building: Bldg. 799 - Hazardous Materials Handling Facility (HMF)/Flammable and Corrosive storage cabinets **Contains CBI:** No

Observation #: JJ1-OB-009

Date: 09/13/2021

At the time of the inspection, I observed several flammable, toxic, oxidizer, and corrosive storage cabinets in Bldg. 799 HMF. The exterior of each cabinet was marked with a hazard indicator. Mr. Deck confirmed the contents in the cabinets consisted of both product and hazardous waste. The products and wastes were separated in each cabinet by either being placed on separate shelves or on opposite ends of the same shelf. I looked at the wastes inside the cabinets and saw that all the hazardous wastes were labeled with the words "Hazardous Waste", but not a hazard indicator.

Photo(s)

1. [Observation Image-2021091312474747150556.jpg](#)
2. [Observation Image-202109131248094891735814.jpg](#)
3. [Observation Image-2021091312533453341070489.jpg](#)

Building: Bldg. 799 - Hazardous Materials Handling Facility (HMF)/North end of the building **Contains CBI:** No

Observation #: JJ1-OB-003

Date: 09/13/2021

While in the HMF, I saw a pallet that contained boxes of four-foot fluorescent lamps that were labeled as universal waste. There were eight lamp boxes on the pallet and three of those lamp boxes were not closed. Two of the lamp boxes were not structurally sound. I saw one box at the bottom of the pile of boxes on the pallet, that was crushed from the boxes that were on it. It appeared to me to the weight of the other boxes caused the box on the bottom of the pile to be open. The other open box was broken (and therefore open) on the side.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the cardboard boxes that contained waste fluorescent lamps had been repaired.

Photo(s)

1. [Observation Image-2021091311294929491559795.jpg](#)
2. [Observation Image-202109131130013011509344.jpg](#)
3. [Observation Image-2021091311301930191336300.jpg](#)

Building: Bldg. 799 - Hazardous Materials Handling Facility (HMF)/North end of the building **Contains CBI:** No

Observation #: JJ1-OB-004

Date: 09/13/2021

While in the HMF, I saw 14 small cardboard box containers. I asked Mr. Riley what the boxes held, and he said they held waste light ballasts and that each one contained a Ni-Cad battery. At the time of the inspection these ballasts were not labeled as a universal waste battery.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the battery containers had been labeled. Although labeled, the photo documentation did not show that the containers were labeled with the words "Universal Waste." The photo showed them labeled as Non-RCRA waste. I contacted Mr. Deck by telephone on 11/22/21 to inquire about the labeling and he followed up with an email letting me know that the battery containers were in fact labeled with the words "Universal Waste."

Photo(s)

1. [Observation Image-2021091311383238321576453.jpg](#)
2. [Observation Image-202109131138533853122851.jpg](#)
3. [Observation Image-20210913113905395146294.jpg](#)

Building: Bldg. 799 - Hazardous Materials Handling Facility (HMF)/North end of the building **Contains CBI:** No

Observation #: JJ1-OB-005

Date: 09/13/2021

While in the HMF, I saw a cart that held some boxes and a plastic container. The plastic container held various types of waste batteries including lithium and NiCad. According to Mr. Riley, the batteries were picked up from other locations on campus last Friday (9/10/21) and brought to the HMF. According to Mr. Deck, the waste lithium and NiCad batteries are managed as universal waste. There were at least 13 lithium/Ni-Cad batteries in the plastic container. Neither the plastic container nor any of the batteries were labeled as universal waste.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the battery containers had been labeled. Although labeled, the photo documentation did not show that the containers were labeled with the words, "Universal Waste." The photo showed them labeled as Non-RCRA waste. I contacted Mr. Deck by telephone on 11/22/21 to inquire about the labeling and he followed up with an email letting me know that the battery containers were in fact labeled with the words "Universal Waste."

Photo(s)

1. [Observation Image-2021091311534453441562417.jpg](#)
2. [Observation Image-202109131154035431710847.jpg](#)
3. [Observation Image-202109131156095691475895.jpg](#)

Building: Bldg. 799 - Hazardous Materials Handling Facility (HMF)/South end of the building **Contains CBI:** No

Observation #: JJ1-OB-006	Date: 09/13/2021
At the time of the inspection, I saw a covered metal tray. The label on the tray indicated that it held an ultraviolet (UV) light bulb/lamp that contained mercury. According to Mr. Deck it had been in storage for approximately six months and would be managed as a universal waste lamp. The UV bulb/lamp was not labeled as universal waste. Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, in which he stated that the UV bulb/lamp had been shipped to Total Reclaim, along with other universal waste lamps for recycling on September 14, 2021 and September 16, 2021. Mr. Deck also provided a copy of the bills of lading for the lamp shipments.	
Photo(s) 1. Observation Image-2021091312232023201690922.jpg 2. Observation Image-2021091312233823381658533.jpg	

Building: Bldg. 799 - Hazardous Materials Handling Facility (HMF)/South end of the building/Area beside door leading out to the covered storage area (outside) Contains CBI: No	
Observation #: JJ1-OB-007	Date: 09/13/2021
While still inspecting the HMF, I saw a box that was labeled "Universal Waste -Lamps." The container held four-foot waste fluorescent lamps and was dated 7/20/20. At the time of the inspection, the container of universal waste-Lamps had been in storage for greater than one year. Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, in which he stated that the universal waste-lamps had been shipped to Total Reclaim, along with other universal waste lamps for recycling on September 14, 2021 and September 16, 2021. Mr. Deck also provided a copy of the bills of lading for the lamp shipments.	
Photo(s) 1. Observation Image-202109131231323132181086.jpg 2. Observation Image-202109131231513151123982.jpg 3. Observation Image-20210913123158315899644.jpg	

Building: Bldg. 799 - Hazardous Materials Handling Facility (HMF)/South end of the building/Top of flammable storage cabinets Contains CBI: No	
Observation #: JJ1-OB-008	Date: 09/13/2021
While still inspecting the HMF, I saw a box on top of some flammable storage cabinets that was being used to accumulate eight-foot waste fluorescent lamps. At the time of the inspection, the container was labeled as "Universal Waste -Lamps" and was dated 7/7/20.	

At the time of the inspection, the container of universal waste-Lamps had been in storage for greater than one year.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, in which he stated that the universal waste-lamps had been shipped to Total Reclaim, along with other universal waste lamps for recycling on September 14, 2021 and September 16, 2021. Mr. Deck also provided a copy of the bills of lading for the lamp shipments.

Photo(s)

1. [Observation Image-20210913123808388193531.jpg](#)
2. [Observation Image-202109131238233823178086.jpg](#)
3. [Observation Image-202109131238313831145309.jpg](#)

Building: Bldg. FS306 - Duckering Building/Room 442 - ASIF/Fume hood **Contains CBI:** No

Observation #: JJ1-OB-012**Date:** 09/13/2021

While inspecting the fume hoods in room 442, that were used as a SAA, I saw two containers. One was labeled "Ethyl acetate waste" and one was labeled as "DCM & Chloroform waste" At the time of the inspection, neither container was labeled with the words "Hazardous Waste" or the hazard indicators.

The other fume hood had a small open container that was labeled "Methanol waste." The container was not closed, and the fume hood was actively running.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the containers of hazardous waste observed during the inspection were labeled with the words "Hazardous Waste" and hazard indicators. In the email, Mr. Deck stated that the open container marked Methanol waste, in the Room 442 fume hood is an immediate use container used only while the apparatus (Vent hood) is running. Any waste collected is consolidated into the Room 448 Methanol waste container. Mr. Deck also provided a copy of an inventory of the containers identified. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.

Photo(s)

1. [Observation Image-202109131520542054219516.jpg](#)
2. [Observation Image-20210913152406246378035.jpg](#)

Building: Bldg. FS306 - Duckering Building/Room 444 - ASIF/Fume hoods **Contains CBI:** No

Observation #: JJ1-OB-011**Date:** 09/13/2021

While in Room 444, I saw some containers in the fume hoods and in the cabinets below the fume hoods such as:

- Hexane/MeOH/HCL & CHCl₃ waste (in fume hood)
- HCL waste (in fume hood)
- H₂SO₄ waste (in cabinet below fume hood)

Each of the containers were labeled with the words, "Waste." The containers of waste in the fume hoods and in the cabinet beneath the fume hood held hazardous waste. The containers were not labeled with the words, "Hazardous Waste" or marked with hazard indicators.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the containers of hazardous waste observed during the inspection were labeled with the words "Hazardous Waste" and hazard indicators. Mr. Deck also provided a copy of an inventory of the containers identified. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.

Photo(s)

1. [Observation Image-202109131510591059185091.jpg](#)
2. [Observation Image-202109131511171117177003.jpg](#)
3. [Observation Image-202109131511321132164247.jpg](#)

Building: Bldg. FS306 - Duckering Building/Room 448 - Alaska Stable Isotope Facility/Lab B

Contains CBI: No

Observation #: JJ1-OB-010

Date: 09/13/2021

While inspecting the Lab B room, I looked inside of a flammable storage cabinet which I was told by Mr. Deck was being used as an SAA. While inspecting the contents of the cabinet, I saw various sized containers that held (according to the container labels) wastes such as:

- Alcohol waste
- Ethyl acetate waste
- Acetic acid waste
- Acetone waste
- Chloroform waste
- Benzene, ethanol waste
- Toluene and ethanol waste
- Chlorinated waste
- Hexane waste
- Waste acidified - isopropyl alcohol
- KO4 waste
- Chloroform methanol waste
- HNO3 waste
- and Oxalic acid waste

At the time of the inspection, none of the waste containers in the flammable storage cabinet, in Lab B, were labeled with the words "Hazardous Waste" or hazard indicators. Neither was the flammable storage cabinet, in Lab B labeled with the words "Hazardous Waste". The storage cabinet was labeled with the word, "Flammable."

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the containers of hazardous waste observed during the inspection were labeled with the words "Hazardous Waste" and hazard indicators. Mr. Deck also provided a copy of an inventory of the containers identified. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.

Photo(s)

1. [Observation Image-202109131449324932875554.jpg](#)
2. [Observation Image-202109131450205020927558.jpg](#)
3. [Observation Image-202109131451105110179778.jpg](#)

Building: ELIF Bldg. 304/Room 211/East end of lab	Contains CBI: No
Observation #: JJ1-OB-016	Date: 09/13/2021
While in the ELIF Bldg. I saw a plastic container on a table in the lab on the south side of the building that was labeled as waste for pick-up. During the inspection, I requested an inventory of the plastic container. I asked that the inventory include waste type, container size and method of management. None of the wastes in the plastic container were labeled with the words "Hazardous Waste" or hazard indicators. Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both verbal and photo documentation that the containers of hazardous waste observed during the inspection were labeled with the words "Hazardous Waste" and hazard indicators. Mr. Deck also provided a copy of an inventory of the containers identified. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.	
Photo(s) 1. Observation Image-202109131628342834180200.jpg	
Building: ELIF Bldg. 304/Room 211/Fume hood SAA	Contains CBI: No
Observation #: JJ1-OB-013	Date: 09/13/2021
While in Bldg. 304, Rm 211 I was inspecting the contents of a fume hood that was used as a SSA and saw a container with a funnel. At the time of the inspection the fume hood was operating. According to the label on the container, the container held Dichloromethane. There was a piece of masking tape above the label that contained no writing and is typically used to label containers as waste. There were also three small flasks that were empty and labeled with the words, "Waste." According to Ibnul (student), and Shane Billings, Lab Manager the container with the funnel held a mixture of waste Alaska crude oil, water, and Dichloromethane. At the time of the inspection the container was not closed, and no waste was being added or removed. The container was not labeled with the words hazardous waste or the hazard indicators. Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the containers of hazardous waste observed during the inspection were labeled with the words "Hazardous Waste" and hazard indicators. Mr. Deck also provided a copy of an inventory of the containers identified. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.	
Photo(s) 1. Observation Image-2021091316094094081809.jpg 2. Observation Image-20210913160954954117497.jpg 3. Observation Image-20210913161110111095185.jpg	

Building: ELIF Bldg. 304/Room 211/Fume hood SAA	Contains CBI: No
Observation #: JJ1-OB-015	Date: 09/13/2021
While in Bldg. 304, I saw various waste containers beneath fume hood in Rm 211 that were not labeled with the words "Hazardous Waste" or the hazard indicators.	

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the containers of hazardous waste observed during the inspection were labeled with the words "Hazardous Waste" and hazard indicators. Mr. Deck also provided a copy of an inventory of the containers identified. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.

Photo(s)

1. [Observation Image-20210913162340234079439.jpg](#)
2. [Observation Image-20210913162355235590848.jpg](#)

Building: ELIF Bldg. 304/Room 211/Yellow flammable storage cabinet

Contains CBI: No

Observation #: JJ1-OB-014

Date: 09/13/2021

While in Bldg. 304, I saw waste containers inside of a flammable storage cabinet, being used as an SAA, that were not labeled with the words "Hazardous Waste" or hazard indicators.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the containers of hazardous waste observed during the inspection were labeled with the words "Hazardous Waste" and hazard indicators. Mr. Deck also provided a copy of an inventory of the containers identified. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.

Photo(s)

1. [Observation Image-202109131617221722172144.jpg](#)
2. [Observation Image-202109131617461746190186.jpg](#)

Building: Facility Services/Customer Service

Contains CBI: No

Observation #: JJ1-OB-020

Date: 09/14/2021

While inspecting the customer service area, I saw a five-gallon container that, according to the label, was being used to accumulate waste batteries. I opened the container and saw that it also contained two compact fluorescent (CFL) bulbs. The container also held a mix of different batteries including Ni-Cad, lithium and alkaline. The container was dated 3/16/20 and had been in accumulation for greater than a year.

At the time this inspection report was written, there had been no response from the facility concerning the areas of concern identified in the observations made while inspecting the customer service area.

Photo(s)

1. [Observation Image-20210914110810810122884.jpg](#)
2. [Observation Image-20210914110818818169663.jpg](#)
3. [Observation Image-2021091411083283297909.jpg](#)

Building: Facility Services/Paint Shop/Paint booth

Contains CBI: No

Observation #: JJ1-OB-026

Date: 09/14/2021

While at the Paint Shop, I saw a step can in the paint booth that contained three waste aerosol cans and was not labeled as "Universal Waste - Aerosols", even though I had been told by Mr. Deck that the University now manages aerosol cans as universal waste.

At the time of the inspection, the waste aerosol cans were removed from the paint booth and taken to the HMF, by Mr. Riley, where they were placed into an existing universal waste container for aerosol cans.

Photo(s)

1. [Observation Image-20210914120759759184539.jpg](#)
2. [Observation Image-2021091412080888205442.jpg](#)
3. [Observation Image-20210914120821821213790.jpg](#)

Building: Facility Services/Paint Shop/Step-can
outside Rm 152B - Paint Shop Tool & Paint Storage

Contains CBI: No

Observation #: JJ1-OB-025

Date: 09/14/2021

While in the Paint Shop, I saw a step-can outside Room 152B that was labeled "Flammables and Spent Aerosol Cans Only." When I opened the step-can, I saw that it contained waste rags, absorbents, and two small, quart sized, open cans that held waste paint and thinner.

At the time of the inspection, the step-can was not labeled with the words "Hazardous Waste" or a hazard indicator. I overheard Mr. Deck call Mr. Riley to have him bring a container for the waste paint.

Photo(s)

1. [Observation Image-202109141159105910204634.jpg](#)
2. [Observation Image-202109141159185918211624.jpg](#)
3. [Observation Image-202109141159365936182170.jpg](#)

Building: Facility Services/Paint Shop/Trash can
next to deep sink

Contains CBI: No

Observation #: JJ1-OB-024

Date: 09/14/2021

While in the Paint Shop, I inspected the contents of a trash can that was next to a deep sink. I saw a waste aerosol can in the trash. At the time of the inspection, the waste aerosol can was not packaged or labeled to indicate that it was being managed as a universal waste even though Mr. Deck told me that all aerosol cans were managed as a universal waste.

At the time of the inspection, the waste aerosol can was removed from the trash can and taken to the HMF, by Mr. Riley, where it was placed into an existing universal waste container for aerosol cans.

Photo(s)

1. [Observation Image-202109141152525252170290.jpg](#)
2. [Observation Image-20210914115300530174973.jpg](#)
3. [Observation Image-20210914115307537175611.jpg](#)

Building: Facility Services/Room 140 -
Transportation / Vehicle services/Waste Aerosol
SAA

Contains CBI: No

Observation #: JJ1-OB-021	Date: 09/14/2021
At the time of the inspection, the facility was using a small flammable storage cabinet as a container for waste aerosols. The cabinet was not labeled to indicate that it was being managed as a universal waste. The cabinet was labeled with the word "Flammable" along with another label that contained the words "Waste Aerosols Cans Only."	
Photo(s) 1. Observation Image-202109141117571757163500.jpg 2. Observation Image-20210914111807187244898.jpg 3. Observation Image-202109141118131813126734.jpg	

Building: Facility Services/Room 141 - Alarm/Electrical/HVAC SHOP	Contains CBI: No
Observation #: JJ1-OB-023	Date: 09/14/2021
While in the SAA, I saw nine loose aerosol cans on the floor of the shop. At the time of the inspection, Messrs. Deck and Riley confirmed the aerosols were waste. The waste aerosol cans were not packaged or labeled to indicate they were being managed as a universal waste even though Mr. Deck had told me that waste aerosol cans were management as universal waste. At the time of the inspection, the waste aerosol cans were removed from the shop and taken to the HMF, by Mr. Riley, where they were placed into an existing universal waste container for aerosol cans.	
Photo(s) 1. Observation Image-202109141144274427176096.jpg 2. Observation Image-202109141144354435183028.jpg 3. Observation Image-202109141144394439129943.jpg	

Building: Facility Services/Room 142 - Plumbing Shop	Contains CBI: No
Observation #: JJ1-OB-022	Date: 09/14/2021
While inspecting the plumbing shop I saw a red step-can that was labeled, "Flammables and Spent Aerosol Cans Only." I opened the step-can and saw one aerosol can, one lithium battery and two small packages each containing a piece of Nicorette (Nicotine) chewing gum. At the time of the inspection, the step-can was not labeled to indicate that it was being managed as a universal waste. At the time of the inspection, the waste aerosol can, and waste battery were removed from the step-can and taken to the HMF, by Mr. Riley, where they were placed into existing universal waste containers.	
Photo(s) 1. Observation Image-202109141131433143126603.jpg 2. Observation Image-202109141131523152206017.jpg 3. Observation Image-202109141132443244881674.jpg	

Building: Irving I Bldg./Rm 207 Lab/Area just in front of the fume hood	Contains CBI: No
Observation #: JJ1-OB-043	Date: 09/15/2021
While inspecting the fume hood SAA in the Room 207 Lab, I saw a small plastic tray that contained seven small plastic bottles of unknown wastes. There was a handwritten note in the bottom of the tray that read, "These samples are of unknown origin or owner B. M. 8/25/19." Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, in which he stated that the unknowns are truly unknown. In the email he says that once EHSRM Hazmat receives a waste pick up request for the items, they will be tested using the Haztech HazCat system to make the waste determination.	
Photo(s) 1. Observation Image-202109151031293129134715.jpg 2. Observation Image-202109151031473147400253.jpg	

Building: Irving I Bldg./Rm 409 Lab/Fume hood	Contains CBI: No
Observation #: JJ1-OB-042	Date: 09/15/2021
While in the Room 409 lab, I saw a container under the fume hood SAA with a faded label. The label read, "Conc HCL waste." There were also two smaller unmarked containers that held unknown liquids and, according to Mr. Deck, would require a waste determination. At the time of the inspection, the container of concentrated HCL waste was not labeled with the words "Hazardous Waste" or a hazard indicator. Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, in which he stated that the unknowns are truly unknown. In the email he says that once EHSRM Hazmat receives a waste pick up request for the items, they will be tested using the Haztech HazCat system to make the waste determination. The email also included both written and photo documentation that the container of concentrated HCL waste observed during the inspection was labeled with the words "Hazardous Waste" and a hazard indicator. Mr. Deck also provided a copy of an inventory of the containers identified in the Murie and Irving I buildings. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.	
Photo(s) 1. Observation Image-202109151013481348192813.jpg 2. Observation Image-20210915101401141390885.jpg 3. Observation Image-202109151014271427351004.jpg 4. Observation Image-20210915101509159161688.jpg 5. Observation Image-202109151015251525229796.jpg	

Building: Murie Bldg. - Biology (Arctic)/Rm 209 Prep Lab/Fume hood	Contains CBI: No
Observation #: JJ1-OB-039	Date: 09/14/2021
I saw a plastic tray under a fume hood that, according to Mr. Deck, contained vials of waste ethanol. The vials were not labeled with the words "Hazardous Waste" or a hazard indicator.	

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the containers of hazardous waste observed during the inspection were labeled with the words "Hazardous Waste" and hazard indicators. Mr. Deck also provided a copy of an inventory of the containers identified. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.

Photo(s)

1. [Observation Image-202109141550265026110001.jpg](#)
2. [Observation Image-202109141550365036396655.jpg](#)
3. [Observation Image-202109141550525052376606.jpg](#)

Building: Murie Bldg. - Biology (arctic)/Rm 318/Lab **Contains CBI:** No table

Observation #: JJ1-OB-037

Date: 09/14/2021

I saw a plastic container that was labeled "Waste for pickup - Williams lab." Items in the container included batteries. At least one battery was a lithium battery. Neither the container nor the battery was labeled as universal waste.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included a copy of an inventory of the waste batteries I saw in Room 318 of the Murie Building. The inventory contained language that indicated the waste batteries were managed as universal waste.

Photo(s)

1. [Observation Image-202109141526422642157943.jpg](#)
2. [Observation Image-202109141526492649132209.jpg](#)
3. [Observation Image-20210914152701271114171.jpg](#)

Building: Murie Bldg. - Biology (arctic)/Rm 318/Fume hood **Contains CBI:** No

Observation #: JJ1-OB-038

Date: 09/14/2021

I saw another plastic container inside of a fume hood SAA. The container held six smaller containers all labeled "Unknown" waste. Mr. Deck told me that there had not yet been waste determinations made on the contents of the six containers. There was also a box, under the fume hood that contained a small bottle that had a label on it that said pH 1.68 buffer solution. The bottle was in a beaker that was labeled with a red piece of tape and included the words "Acetone Waste." The bottle of pH 1.68 buffer solution was not labeled with the words "Hazardous Waste" or a hazard indicator.

I also saw an unidentified waste that had crystalized. The container it was in was not closed or labeled. It was just sitting out on a table with other items and, according to Mr. Deck, required a waste determination.

I saw another container across from the previous table that was labeled with a yellow piece of tape and included the words "Assay Waste." The container was not labeled with the words "Hazardous Waste" or a hazard indicator.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, in which he stated that the unknowns are truly unknown. In the email he says that once EHSRM Hazmat receives a waste pick up request for the items, they will be tested using the Haztech HazCat system to make the waste determination. The email also included both written and photo documentation that the containers of waste observed during the

inspection were labeled with the words "Hazardous Waste" and a hazard indicator. Mr. Deck also provided a copy of an inventory of the containers identified. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.

Photo(s)

1. [Observation Image-202109141534143414361930.jpg](#)
2. [Observation Image-202109141534353435311596.jpg](#)
3. [Observation Image-20210914153806386218688.jpg](#)
4. [Observation Image-2021091415382438242645295.jpg](#)
5. [Observation Image-2021091415384738472327055.jpg](#)
6. [Observation Image-202109141541504150167757.jpg](#)
7. [Observation Image-202109141542104210574413.jpg](#)

Building: Murie Bldg. - Biology (arctic)/Room 318B/Fume hood

Contains CBI: No

Observation #: JJ1-OB-036

Date: 09/14/2021

I saw a glass bottle that was labeled as "Extraction Waste" under a fume hood SAA that was inside a larger, open plastic container. The plastic container was labeled, "Hazardous Waste Containment." At the time of the inspection, the glass bottle of waste was not labeled with the words "Hazardous Waste" or a hazard indicator.

A second fume hood in the same room (318B) also had containers that were labeled as waste. The containers were not labeled with the words "Hazardous Waste" or a hazard indicator.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the containers I observed during the inspection under the two fume hoods in this room were labeled with the words "Hazardous Waste" and hazard indicators. Mr. Deck also provided a copy of an inventory of the containers identified. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.

Photo(s)

1. [Observation Image-202109141516161616469495.jpg](#)
2. [Observation Image-202109141516371637518156.jpg](#)
3. [Observation Image-202109141519261926135089.jpg](#)
4. [Observation Image-202109141519381938540844.jpg](#)
5. [Observation Image-202109141519581958505990.jpg](#)

Building: Reichardt Bldg. (Chemistry Labs)/Lab 241/Fume hood

Contains CBI: No

Observation #: JJ1-OB-030

Date: 09/14/2021

While inspecting Lab 241, I saw containers labeled as waste in a fume hood SAA. At the time of the inspection, the containers of waste were not labeled with the words "Hazardous Waste" or hazard indicators.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the containers of observed during the inspection were labeled with the words "Hazardous Waste" and hazard indicators. Mr. Deck also provided a copy of an inventory of the containers identified. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.

Photo(s)

1. [Observation Image-202109141410241024189214.jpg](#)
2. [Observation Image-202109141410391039433284.jpg](#)

Building: Reichardt Bldg. (Chemistry Labs)/Lab 242/Fume hood

Contains CBI: No

Observation #: JJ1-OB-029

Date: 09/14/2021

While inspecting Lab 242, I saw containers labeled as waste in a fume hood SAA. There were multiple containers in a plastic tray and two, gallon size containers each of which in its own fume hood. At the time of the inspection, the containers of waste were not labeled with the words "Hazardous Waste" or hazard indicators.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the containers of observed during the inspection were labeled with the words "Hazardous Waste" and hazard indicators. Mr. Deck also provided a copy of an inventory of the containers identified. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.

Photo(s)

1. [Observation Image-20210914140128128124477.jpg](#)
2. [Observation Image-20210914140134134164458.jpg](#)
3. [Observation Image-20210914140141141115246.jpg](#)

Building: Reichardt Bldg. (Chemistry Labs)/Lab 246/Fume hood

Contains CBI: No

Observation #: JJ1-OB-028

Date: 09/14/2021

While inspecting Lab 246, I saw a container under the fume hood SAA that for which neither the contents nor the process could be identified by either Mr. Deck or campus faculty. The container was dated 9/13/21.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, in which he stated that the unknowns are truly unknown. In the email he says that once EHSRM Hazmat receives a waste pick up request for the items, they will be tested using the Haztech HazCat system to make the waste determination.

Photo(s)

1. [Observation Image-20210914135806586145373.jpg](#)
2. [Observation Image-202109141358275827417387.jpg](#)

Building: Reichardt Bldg. (Chemistry Labs)/Rm 132
Chem Lecture prep/ Fume hood

Contains CBI: No

Observation #: JJ1-OB-033

Date: 09/14/2021

I saw three containers under the fume hood SAA in Room 132. According to a sign attached to the cabinet door the containers were originally in a cabinet under fume hood. At the time of the inspection, the three containers were labeled as waste, but were not labeled with the words "Hazardous Waste" or hazard indicators.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the containers of observed during the inspection were labeled with the words "Hazardous Waste" and hazard indicators. Mr. Deck also provided a copy of an inventory of the containers

identified. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.

Photo(s)

1. [Observation Image-202109141436583658159620.jpg](#)
2. [Observation Image-20210914143808388702898.jpg](#)
3. [Observation Image-202109141438213821718393.jpg](#)

Building: Reichardt Bldg. (Chemistry Labs)/Rm 143 **Contains CBI:** No
Chem Research Lab/Cabinet beneath fume hood

Observation #: JJ1-OB-034**Date:** 09/14/2021

While inspecting Room 143, I saw a container beneath the fume hood SAA that was labeled as waste, but not labeled with the words "Hazardous Waste" or a hazard indicator.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the containers of observed during the inspection were labeled with the words "Hazardous Waste" and hazard indicators. Mr. Deck also provided a copy of an inventory of the containers identified. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.

Photo(s)

1. [Observation Image-202109141448504850173549.jpg](#)
2. [Observation Image-20210914144900490138975.jpg](#)

Building: Reichardt Bldg. (Chemistry Labs)/Room **Contains CBI:** No
191 Chem Research Lab/Table on right as you enter
the lab

Observation #: JJ1-OB-032**Date:** 09/14/2021

While inspecting Room 191, I saw two, four-liter SAA containers on a table . The containers were labeled with red tape that contained the words, "Organic Waste." I did not see any label indicating whether the contents of the containers were a hazardous waste, nor did I see a label that indicated the hazards of the container contents. At the time of the inspection the containers were not labeled with the words "Hazardous Waste" or a hazard indicator.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the containers of observed during the inspection were labeled with the words "Hazardous Waste" and hazard indicators as well as a copy of an inventory of the containers I saw on the table. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.

Photo(s)

1. [Observation Image-202109141430263026203754.jpg](#)
2. [Observation Image-202109141430383038739497.jpg](#)

Building: Reichardt Bldg. (Chemistry Labs)/Room **Contains CBI:** No
193 (Lab)/Fume hood

Observation #: JJ1-OB-031**Date:** 09/14/2021

While inspecting the Room 193 lab, I saw a fume hood that was being used as a SAA in Room 193. The fume hood was operating. Under the hood I saw an open container labeled waste H2SO4. The container was not closed when we first entered the room, and I did not observe any waste being added or removed from the container under the hood. Arianna Demmerly, Lab Coordinator closed the container as soon as we entered the lab. Upon closer inspection of the container under the fume hood I could not see any label indicating if the contents were a hazardous waste or a label indicating the hazards of the container contents. According to Ms. Demmerly, the container was approximately half full.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the containers of observed during the inspection were labeled with the words "Hazardous Waste" and hazard indicators. Mr. Deck also provided a copy of an inventory of the containers identified. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made.

Photo(s)

1. [Observation Image-202109141423252325141748.jpg](#)
2. [Observation Image-202109141423302330161941.jpg](#)
3. [Observation Image-202109141423482348394386.jpg](#)

Building: Reichardt Bldg. (Chemistry Labs)/Room 244/Fume hood **Contains CBI:** No

Observation #: JJ1-OB-027**Date:** 09/14/2021

While inspecting Room 244, I saw containers under the fume hood SAA. One was labeled as an unknown and, according to Mr. Deck, required a waste determination. The other containers were labeled as waste but were not labeled with the words "Hazardous Waste" or hazard indicators.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the containers of observed during the inspection were labeled with the words "Hazardous Waste" and hazard indicators. Mr. Deck also provided a copy of an inventory of the containers identified. The inventory includes the number of containers, container size, hazard determination and reference to photos taken of corrections made. Mr. Deck had previously stated in another email that the unknowns are truly unknown. In the email he says that once EHSRM Hazmat receives a waste pick up request for the items, they will be tested using the Haztech HazCat system to make the waste determination.

Photo(s)

1. [Observation Image-202109141352565256177769.jpg](#)
2. [Observation Image-20210914135307537429645.jpg](#)

Building: William A. O'Neill Bldg/Rm 143/Area adjacent to the fume hood **Contains CBI:** No

Observation #: JJ1-OB-040**Date:** 09/15/2021

While in Room 143, in a SAA adjacent to the fume hood I saw four, 5-gallon containers, that according to the container labeling, held waste formalin and one 5-gallon container that according to the container labeling, held waste iso-propyl alcohol. I also saw a fifth container of waste Formalin inside the fume hood that Mr Riley told me was waste Formalin.

At the time of the inspection, I did not observe a label on any of the six containers that indicated if they held a hazardous waste nor did I see a label that indicated the hazards of the container contents.

Following the inspection, Mr. Deck sent me an email, dated October 8, 2021, that included both written and photo documentation that the formalin waste containers located in the O'Neill 143 laboratory had been determined to be non-regulated. The formalin solution is a 10 percent solution containing 3.7 percent formaldehyde. While processing the samples the solution is further diluted. The one 5-gallon container of Isopropyl alcohol in 143 has been marked "Hazardous Waste" with the indicator word "Ignitable".

Photo(s)

1. [Observation Image-202109150934303430222626.jpg](#)
2. [Observation Image-2021091509344934491013479.jpg](#)
3. [Observation Image-20210915093505355919714.jpg](#)
4. [Observation Image-202109150939283928178605.jpg](#)
5. [Observation Image-202109150939483948846045.jpg](#)
6. [Observation Image-20210915094007407464980.jpg](#)
7. [Observation Image-202109150945554555139147.jpg](#)
8. [Observation Image-202109150946164616148456.jpg](#)
9. [Observation Image-202109150946294629171889.jpg](#)

Records Review

During the records review, I inspected the facility's hazardous waste manifests, land disposal restriction notices (LDR), and weekly hazardous waste inspections for the period of 09/13/2018 through 09/13/2021. I also reviewed training records that were provided to me following the inspection which are listed in the document log of this inspection report.

SECTION III – AREAS OF CONCERN

The presentation of areas of concern does not constitute a formal compliance determination or violation.

Building: AFES Experimental Farm	Area: AFES Maintenance Garage	Sub-area: Used oil accumulation area
JJ1-OB-045		
Container not labeled with the words "Used Oil."	Citations:	Sections:
Building: AFES Experimental Farm	Area: AFES Maintenance Garage	Sub-area: Waste aerosol SAA
JJ1-OB-044		
While at the AFES Maintenance Garage, I saw a clear plastic tote that contained waste aerosols. The tote was labeled with the	Citations:	Sections:

words "Hazardous Waste" and "Waste Aerosol Cans." At the time of the inspection the tote was not marked with a hazard indicator.		
Building: Atkinson Power Plant	Area: Maintenance Shop SAA	Sub-area:
JJ1-OB-018		
The container was not labeled with the words HW and had no hazard indicator.	Citations:	Sections:
JJ1-OB-019		
At the time of the inspection, both containers held used turbine oil, and neither was labeled with the words "Used Oil."	Citations:	Sections:
Building: Atkinson Power Plant	Area: North stairwell leading to the old control room	Sub-area:
JJ1-OB-017		
At the time of the inspection there was a box of universal waste lamps that was not closed. There was another box of waste fluorescent lamps that was not labeled as universal waste.	Citations:	Sections:
Building: Bldg. 799 - Hazardous Materials Handling Facility (HMF)	Area: North end of the building	Sub-area:
JJ1-OB-003		
Two containers of universal waste lamps were not closed.	Citations:	Sections:
JJ1-OB-004		

While in the HMF, I saw 14 small cardboard box containers, each containing waste light ballasts that contained a NiCad battery. At the time of the inspection these ballasts were not labeled with the words "Universal Waste - Batteries."	Citations:	Sections:
JJ1-OB-005		
At the time of the inspection, the lithium and Ni-Cad batteries were not labeled with the words "Universal Waste - Batteries."	Citations:	Sections:
Building: Bldg. 799 - Hazardous Materials Handling Facility (HMF)	Area: South end of the building	Sub-area:
JJ1-OB-006		
The ultraviolet bulb/lamp was not labeled with the words "Universal Waste - Lamp."	Citations:	Sections:
Building: Bldg. 799 - Hazardous Materials Handling Facility (HMF)	Area: South end of the building	Sub-area: Area beside door leading out to the covered storage area (outside)
JJ1-OB-007		
Container of Universal Waste - Lamps had been in storage for greater than one year.	Citations:	Sections:
Building: Bldg. 799 - Hazardous Materials Handling Facility (HMF)	Area: South end of the building	Sub-area: Top of flammable storage cabinets
JJ1-OB-008		
A box containing eight-foot Universal Waste -Lamps had been stored for greater than a year.	Citations:	Sections:

Building: Bldg. FS306 - Duckering Building	Area: Room 448 - Alaska Stable Isotope Facility	Sub-area: Lab B
JJ1-OB-010		
At the time of the inspection, none of the waste containers in the flammable storage cabinet, in Lab B, were labeled with the words "Hazardous Waste" or hazard indicators.	Citations:	Sections:
Building: Bldg. FS306 - Duckering Building	Area: Room 442 - ASIF	Sub-area: Fume hood
JJ1-OB-012		
At the time of the inspection, neither container was labeled with the words "Hazardous Waste" or hazard indicators.	Citations:	Sections:
The other fume hood had a small open container that was labeled Methanol waste. The container was open, and the vent hood was actively running.	Citations:	Sections:
Building: Bldg. FS306 - Duckering Building	Area: Room 444 - ASIF	Sub-area: Fume hoods
JJ1-OB-011		
The containers of waste in the fume hoods and in the cabinet beneath the fume hood were not labeled with the words, "Hazardous Waste" or marked with hazard indicators.	Citations:	Sections:
Building: ELIF Bldg. 304	Area: Room 211	Sub-area: Yellow flammable storage cabinet
JJ1-OB-014		
Additional waste containers that are not labeled as "Hazardous Waste" and have no hazard indicators.	Citations:	Sections:

Building: ELIF Bldg. 304	Area: Room 211	Sub-area: Fume hood SAA
JJ1-OB-013		
At the time of the inspection the container holding a mixture of waste Alaska crude oil, water, and Dichloromethane was not closed and in an actively running fume hood. The container was also not labeled with the words "Hazardous Waste" or a hazard indicator.	Citations:	Sections:
JJ1-OB-015		
Waste containers beneath fume hood in Rm 211 that are not labeled with the words "Hazardous Waste" and have no hazard indicator.	Citations:	Sections:
Building: ELIF Bldg. 304	Area: Room 211	Sub-area: East end of lab
JJ1-OB-016		
Plastic tub of waste for pick-up, on a table in the lab on the south side of the bldg., contained waste containers that were not labeled with the words "Hazardous Waste" or hazard indicators.	Citations:	Sections:
Building: Facility Services	Area: Customer Service	Sub-area:
JJ1-OB-020		
The container of mixed (CFLs and batteries) universal waste was dated 3/16/20 and had been in accumulation for greater than a year.	Citations:	Sections:
Building: Facility Services	Area: Room 142 - Plumbing Shop	Sub-area:
JJ1-OB-022		

The container was not labeled as either "Universal Waste - Aerosols" or "Universal Waste - Batteries."	Citations:	Sections:
Building: Facility Services	Area: Room 141 - Alarm/Electrical/HVAC SHOP	Sub-area:
JJ1-OB-023		
Nine loose, waste aerosol cans were not packaged or labeled with the words "Universal Waste - Aerosols".	Citations:	Sections:
Building: Facility Services	Area: Paint Shop	Sub-area: Trash can next to deep sink
JJ1-OB-024		
I saw a waste aerosol can in the trash. The aerosol can was not packaged or labeled with the words "Universal Waste - Aerosol".	Citations:	Sections:
Building: Facility Services	Area: Paint Shop	Sub-area: Step-can outside Rm 152B - Paint Shop Tool & Paint Storage
JJ1-OB-025		
A step-can that was labeled, flammables and spent aerosol cans only, contained waste rags, absorbents, and two small open cans that held waste paint and thinner. The step-can was not labeled with the words "Hazardous Waste" or hazard indicators.	Citations:	Sections:
Building: Facility Services	Area: Paint Shop	Sub-area: Paint booth
JJ1-OB-026		
Step-can in paint booth that contained three waste aerosol cans was not labeled with the words "Universal Waste - Aerosols".	Citations:	Sections:

Building: Facility Services	Area: Room 140 - Transportation / Vehicle services	Sub-area: Waste Aerosol SAA
JJ1-OB-021		
Flammable storage cabinet containing waste aerosols was not labeled with the words "Universal Waste - Aerosols".	Citations:	Sections:
Building: Irving I Bldg.	Area: Rm 207 Lab	Sub-area: Area just in front of the fume hood
JJ1-OB-043		
While inspecting the SAA fume hood in Rm 207 Lab, I saw a small plastic tray that contained seven small plastic bottles of unknown wastes, requiring a waste determination. There was a handwritten note in the bottom of the tray that read, "These samples are of unknown origin or owner B. M. 8/25/19."	Citations:	Sections:
Building: Irving I Bldg.	Area: Rm 409 Lab	Sub-area: Fume hood
JJ1-OB-042		
Two containers holding unknown liquids require a waste determination.	Citations:	Sections:
Container of waste HCL is not labeled with the words "Hazardous Waste" or a hazard indicator.	Citations:	Sections:
Building: Murie Bldg. - Biology (arctic)	Area: Rm 318	Sub-area: Lab table
JJ1-OB-037		
I saw a plastic container that was labeled "Waste for pickup - Williams lab." Items in the container included universal waste batteries that were not	Citations:	Sections:

labeled with the words “Universal Waste - Batteries.”		
Building: Murie Bldg. - Biology (arctic)	Area: Rm 318	Sub-area: Fume hood
JJ1-OB-038		
I saw a container (Beaker) that held an unknown waste that had crystalized and required a waste determination. The container was not closed and not labeled. It was just sitting out on a table with other items.	Citations:	Sections:
Another waste container was observed across from the previous table, with the unknown crystalized waste. The container was not labeled with the words “Hazardous Waste” or a hazard indicator.	Citations:	Sections:
Building: Murie Bldg. - Biology (arctic)	Area: Rm 209 Prep Lab	Sub-area: Fume hood
JJ1-OB-039		
I saw a plastic tray under a fume hood that contained, according to Mr. Deck, vials of waste ethanol. The vials were not labeled with the words “Hazardous Waste” or a hazard indicator.	Citations:	Sections:
Building: Murie Bldg. - Biology (arctic)	Area: Room 318B	Sub-area: Fume hood
JJ1-OB-036		
A container under the fume hood that was in another plastic container that was labeled as “Hazardous Waste Containment”, was not labeled with the words “Hazardous Waste” or a hazard indicator.	Citations:	Sections:

A second fume hood in the same room (318B) also had containers of waste that were not labeled with the words "Hazardous Waste" or a hazard indicator.	Citations:	Sections:
Building: Reichardt Bldg. (Chemistry Labs)	Area: Rm 143 Chem Research Lab	Sub-area: Cabinet beneath fume hood
JJ1-OB-034		
Waste container beneath fume hood was not labeled with the words "Hazardous Waste" or a hazard indicator.	Citations:	Sections:
Building: Reichardt Bldg. (Chemistry Labs)	Area: Room 191 Chem Research Lab	Sub-area: Table on right as you enter the lab
JJ1-OB-032		
Two, four-liter containers on a table, that contained an organic waste, were not labeled with the words "Hazardous Waste" or a hazard indicator.	Citations:	Sections:
Building: Reichardt Bldg. (Chemistry Labs)	Area: Room 244	Sub-area: Fume hood
JJ1-OB-027		
I saw waste containers under the fume hood. One was labeled with the words "Unknown.". The other waste containers were not labeled with the words "Hazardous Waste" or hazard indicators.	Citations:	Sections:
Building: Reichardt Bldg. (Chemistry Labs)	Area: Lab 246	Sub-area: Fume hood
JJ1-OB-028		
Unknown waste in container under fume hood, dated 9/13/21.	Citations:	Sections:

Building: Reichardt Bldg. (Chemistry Labs)	Area: Lab 242	Sub-area: Fume hood
JJ1-OB-029		
Waste containers under fume hood were not labeled with the words "Hazardous Waste" or a hazard indicator.	Citations:	Sections:
Building: Reichardt Bldg. (Chemistry Labs)	Area: Lab 241	Sub-area: Fume hood
JJ1-OB-030		
Waste containers in fume hood are not labeled with the words "Hazardous Waste" or a hazard indicator.	Citations:	Sections:
Building: Reichardt Bldg. (Chemistry Labs)	Area: Room 193 (Lab)	Sub-area: Fume hood
JJ1-OB-031		
At the time of the inspection the container was not labeled with the words "Hazardous Waste" or a hazard indicator.	Citations:	Sections:
Building: Reichardt Bldg. (Chemistry Labs)	Area: rm 132 Chem Lecture prep	Sub-area: Fume hood
JJ1-OB-033		
There were three waste containers under the fume hood that were not labeled with the words "Hazardous Waste" or a hazard indicator.	Citations:	Sections:
Building: William A. O'Neill Bldg	Area: Rm 143	Sub-area: Area adjacent to the fume hood
JJ1-OB-040		
There was a 5-gallon container which held waste Isopropyl alcohol that was not labeled with the words "Hazardous Waste" or a hazard indicator.	Citations:	Sections:

Building: Bldg. 799 - Hazardous Materials Handling Facility (HMF)	Area: Covered storage area	Sub-area: Cell E
JJ1-OB-001		
According to the labels on the containers, they held North Slope Crude Oil and were marked with DOT Class 3 hazard indicators. There were three containers and two of the three were also bulging at the top and bottom of the container.	Citations:	Sections:
Building: Bldg. 799 - Hazardous Materials Handling Facility (HMF)	Area: Covered storage area	Sub-area: Cell D
JJ1-OB-002		
While still at the HMF, I saw seven, 55-gallon containers. According to Mr. Deck, five of the containers held Isopropanol, one held Methanol, and one held Ethanol. The containers were sitting inside a concrete bermed containment cell, in an accumulation of liquid which appeared to be rainwater and the bottoms were rusting.	Citations:	Sections:

SECTION IV – FOLLOW UP

N/A

Closing Conference

At the conclusion of the inspection, I conducted a closing conference that was attended by those listed in the Attendees table, in Section I of this report. I thanked everyone for their time and cooperation during the inspection and began a review of the areas of concern (listed in Section III – Areas of Concern) that I observed during my inspection of the facility. I then explained the follow-up process that would take place once I finished the report. I explained they would receive a copy as would a case officer. I told them that the case officer would review the report to determine if any of my areas of concern documented violations.

SECTION V – SAMPLING ACTIVITIES AND ANALYTICAL RESULTS - No sampling was conducted.

SECTION VI – LIST OF APPENDICES

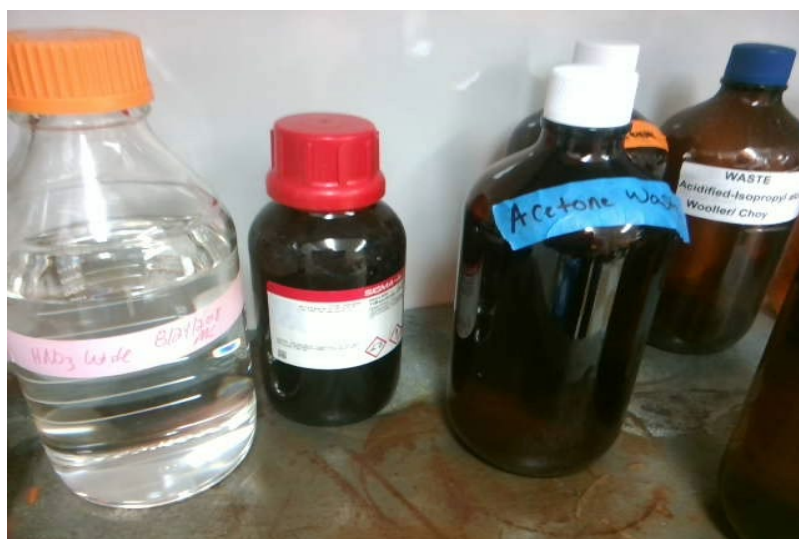
Photo Log

Ins-202109131130533053192451.jpg	
09/13/2021 11:30 AM (AKT)	
Jon Jones	
Bldg. 799 - Hazardous Materials Handling Facility (HMF)/North end of the building	
No CBI	
No PII	
View of universal waste lamp containers showing that one is not closed, and a couple are not structurally sound.	
Ins-202109131254055451086850.jpg	
09/13/2021 12:54 PM (AKT)	
Jon Jones	
Bldg. 799 - Hazardous Materials Handling Facility (HMF)/North end of the building	
No CBI	
No PII	
View of the storage cabinet, showing the hazard indicator on the door of the cabinet vice marking the waste containers stored inside.	
Ins-2021091312542754271436304.jpg	
09/13/2021 12:54 PM (AKT)	
Jon Jones	
Bldg. 799 - Hazardous Materials Handling Facility (HMF)/North end of the building	
No CBI	
No PII	
View of the storage cabinet, showing the hazard indicator on the door of the cabinet vice marking the waste containers stored inside.	

Ins-202109131254515451125540.jpg
09/13/2021 12:54 PM (AKT)
Jon Jones
Bldg. 799 - Hazardous Materials Handling Facility (HMF)/North end of the building
No CBI
No PII
Close-up view of the storage cabinet, showing the hazard indicator on the door of the cabinet vice marking the waste containers stored inside.



Ins-202109131451425142189023.jpg
09/13/2021 02:51 PM (AKT)
Jon Jones
Room 448 - Alaska Stable Isotope Facility/Lab B
No CBI
No PII
View of SAA containers that are not labeled with the words "Hazardous Waste" or hazard indicators.



Ins-202109131451515151185967.jpg
09/13/2021 02:51 PM (AKT)
Jon Jones
Room 448 - Alaska Stable Isotope Facility/Lab B
No CBI
No PII
View of SAA containers that are not labeled with the words "Hazardous Waste" or hazard indicators.



Ins-202109131452105210174785.jpg

09/13/2021 02:52 PM (AKT)

Jon Jones

Room 448 - Alaska Stable Isotope Facility/Lab B

No CBI

No PII

View of SAA containers that are not labeled with the words "Hazardous Waste" or hazard indicators.



Ins-202109131452285228148769.jpg

09/13/2021 02:52 PM (AKT)

Jon Jones

Room 448 - Alaska Stable Isotope Facility/Lab B

No CBI

No PII

View of SAA containers that are not labeled with the words "Hazardous Waste" or hazard indicators.



Ins-202109131452395239149235.jpg

09/13/2021 02:52 PM (AKT)

Jon Jones

Room 448 - Alaska Stable Isotope Facility/Lab B

No CBI

No PII

View of SAA containers that are not labeled with the words "Hazardous Waste" or hazard indicators.



Ins-202109131453425342117809.jpg
09/13/2021 02:53 PM (AKT)
Jon Jones
Room 448 - Alaska Stable Isotope Facility/Lab B
No CBI
No PII
View of the flammable storage cabinet holding the SAA containers that are not labeled with the words "Hazardous Waste" or hazard indicators.



Ins-2021091410151315132077621.jpg
09/14/2021 10:15 AM (AKT)
Jon Jones
Atkinson Power Plant/ Maintenance Shop SAA
No CBI
No PII
View of the punctured aerosol cans.



Ins-20210914110916916137382.jpg
09/14/2021 11:09 AM (AKT)
Jon Jones
Facility Services/Customer Service
No CBI
No PII
View of the top of the container lid, showing that it was for the accumulation of batteries.



Ins-202109141153415341228238.jpg

09/14/2021 11:53 AM (AKT)

Jon Jones

Paint Shop

No CBI

No PII

View of the waste aerosol can that was in the trash can, adjacent to the deep sink, in the Paint Shop.



Ins-20210914140332332123305.jpg

09/14/2021 02:03 PM (AKT)

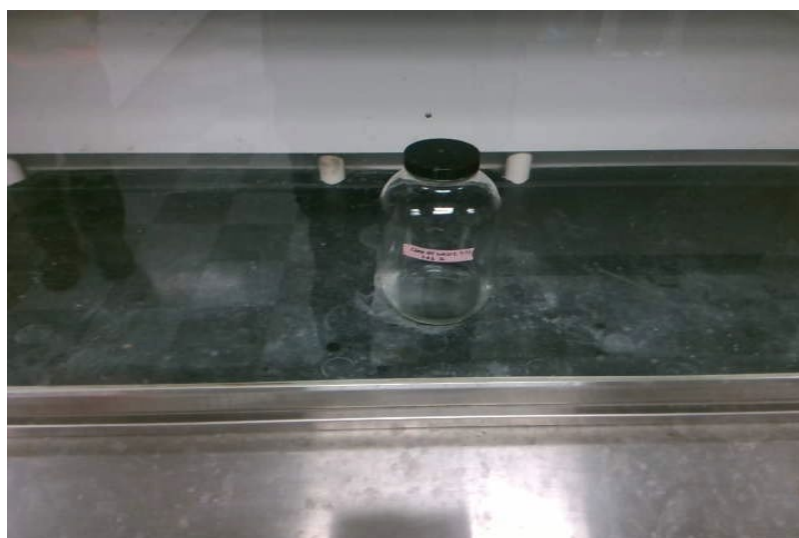
Jon Jones

Lab 246/Fume hood

No CBI

No PII

View of a SAA container not labeled with the words "Hazardous Waste" or a hazard indicator.



Ins-20210914140338338121835.jpg

09/14/2021 02:03 PM (AKT)

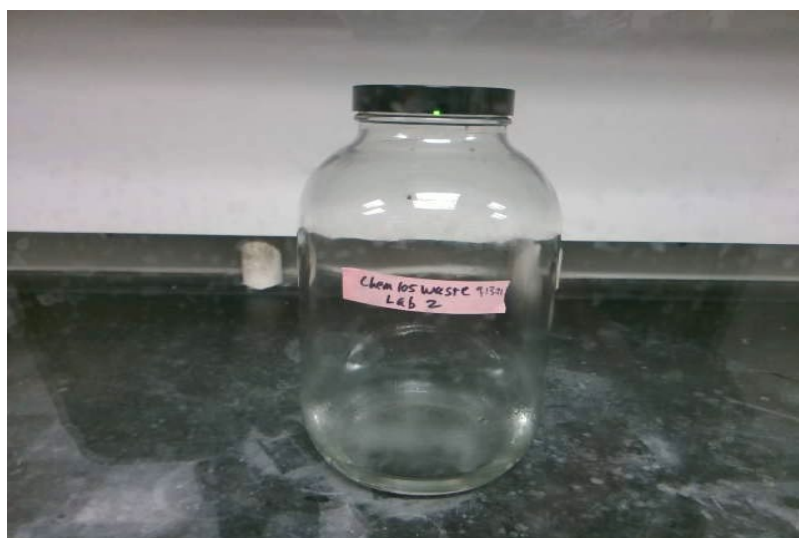
Jon Jones

Lab 246/Vent hood

No CBI

No PII

Close-up view of the same SAA container, seen in the previous photo (Ins-20210914140332332123305.jpg), not labeled with the words "Hazardous Waste" or a hazard indicator.



Ins-2021091414040040122059.jpg

09/14/2021 02:04 PM (AKT)

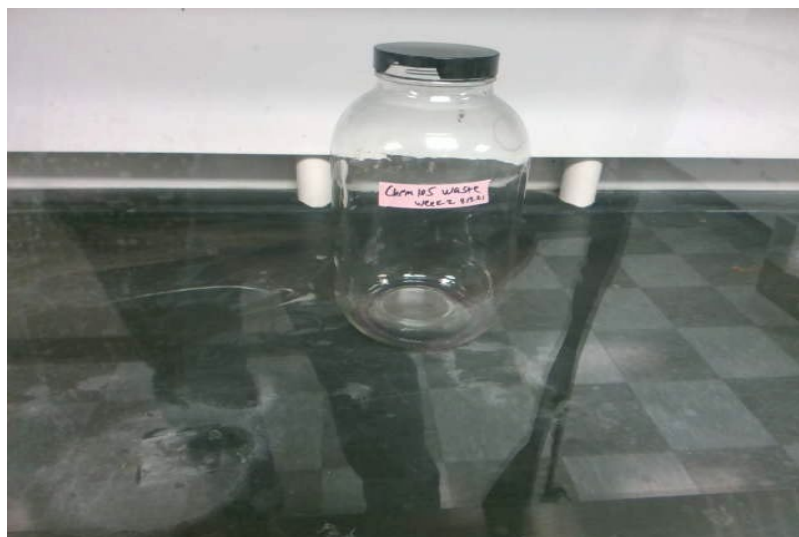
Jon Jones

Lab 246/Vent hood

No CBI

No PII

View of another SAA container not labeled with the words "Hazardous Waste" or a hazard indicator.



Ins-202109141438463846101035.jpg

09/14/2021 02:38 PM (AKT)

Jon Jones

Room 132 Chem Lecture prep/fume hood

No CBI

No PII

Close-up view of the sign above the cabinet door, beneath the fume hood, that is used as the satellite accumulation area.



Ins-202109141439143914192633.jpg

09/14/2021 02:39 PM (AKT)

Jon Jones

Room 132 Chem Lecture prep/fume hood

No CBI

No PII

View of the sign (Seen to the right and just below the fume hood) above the cabinet door, beneath the fume hood, that is used as the satellite accumulation area.



Observation_Image-
20210915110050050204900.jpg

09/15/2021 11:00 AM (AKT)

Jon Jones

AFES Maintenance Garage/Used oil
accumulation area

No CBI

No PII

View of oil filter crusher, to the left of the used
oil container.



Observation_Image-
2021091511010010193314.jpg

09/15/2021 11:01 AM (AKT)

Jon Jones

AFES Maintenance Garage/Used oil
accumulation area

No CBI

No PII

View of a 5-gallon container beneath the oil
filter crusher that contained used oil and was
not labeled with the words "Used Oil."



Observation_Image-
2021091511010818211622.jpg

09/15/2021 11:01 AM (AKT)

Jon Jones

AFES Maintenance Garage/Used oil
accumulation area

No CBI

No PII

Close-up view of a 5-gallon container beneath
the oil filter crusher that contained used oil and
was not labeled with the words "Used Oil."



Observation_Image-
20210915105208528172528.jpg

09/15/2021 10:52 AM (AKT)

Jon Jones

AFES Maintenance Garage/Waste aerosol SAA

No CBI

No PII

View of a clear plastic tote that contained waste aerosols. The tote is labeled with the words, "Hazardous Waste" and "Waste Aerosol Cans" but is not marked with a hazard indicator.



Observation_Image-
202109151052235223346221.jpg

09/15/2021 10:52 AM (AKT)

Jon Jones

AFES Maintenance Garage/Waste aerosol SAA

No CBI

No PII

Close-up view of a clear plastic tote that contained waste aerosols. The tote is labeled with the words, "Hazardous Waste" and "Waste Aerosol Cans" but is not marked with a hazard indicator.



Observation_Image-
202109141014131413241071.jpg

09/14/2021 10:14 AM (AKT)

Jon Jones

Atkinson Power Plant/ Maintenance Shop SAA

No CBI

No PII

View of a SAA container, being used to accumulate residue, from puncturing waste aerosol cans, that is not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
202109141014251425205672.jpg

09/14/2021 10:14 AM (AKT)

Jon Jones

Atkinson Power Plant/ Maintenance Shop SAA

No CBI

No PII

Close-up view showing the container was not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
202109141014431443230892.jpg

09/14/2021 10:14 AM (AKT)

Jon Jones

Atkinson Power Plant/ Maintenance Shop SAA

No CBI

No PII

View of the punctured aerosol cans next to SAA container, being used to accumulate residue, from puncturing waste aerosol cans, that is not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
202109141021212121252710.jpg

09/14/2021 10:21 AM (AKT)

Jon Jones

Atkinson Power Plant/ Maintenance Shop SAA

No CBI

No PII

View of two containers, with red funnels, each holding used turbine oil, and neither is seen here labeled with the words "Used Oil."



Observation_Image-
202109141021302130254863.jpg

09/14/2021 10:21 AM (AKT)

Jon Jones

Atkinson Power Plant/ Maintenance Shop SAA

No CBI

No PII

Close-up view of two containers, with red funnels, each holding used turbine oil, and neither is seen here labeled with the words "Used Oil."



Observation_Image-
202109140958245824330242.jpg

09/14/2021 09:58 AM (AKT)

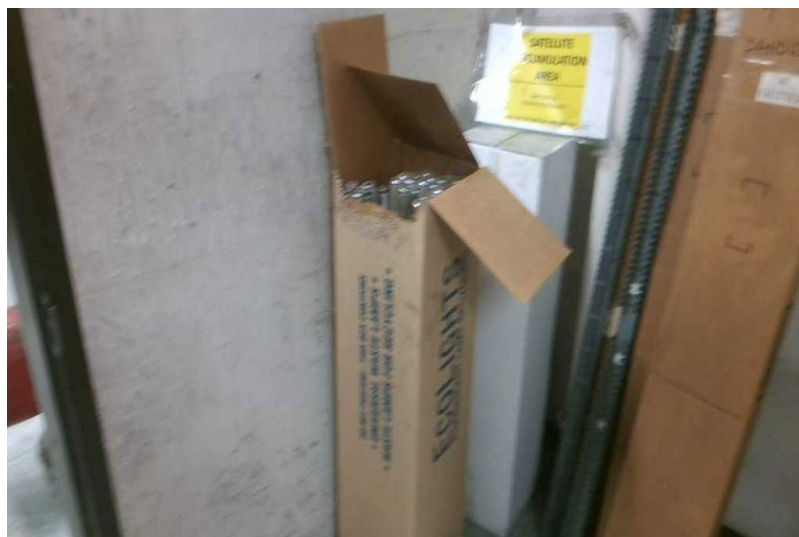
Jon Jones

Atkinson Power Plant/North stairwell leading to the old control room

No CBI

No PII

View of a box of universal waste lamps that is not closed, along with another box of universal waste lamps, just behind it, that is not labeled as universal waste.



Observation_Image-
202109140958405840158073.jpg

09/14/2021 09:58 AM (AKT)

Jon Jones

Atkinson Power Plant/North stairwell leading to the old control room

No CBI

No PII

Another view of the same box of universal waste lamps that is not closed, along with another box of universal waste lamps, just behind it, that is not labeled as universal waste.



Observation_Image-
20210914095903593165539.jpg

09/14/2021 09:59 AM (AKT)

Jon Jones

Atkinson Power Plant/North stairwell leading to the old control room

No CBI

No PII

A close-up view showing that the second box of universal waste lamps is not labeled.



Observation_Image-
202109131247474747150556.jpg

09/13/2021 12:47 PM (AKT)

Jon Jones

Bldg. 799 - Hazardous Materials Handling Facility (HMF)/Flammable and Corrosive storage cabinets

No CBI

No PII

View of the storage cabinets. Wastes inside the cabinets were marked with labels indicating that they were hazardous waste but did not include a hazard indicator. Each cabinet was marked with a hazard indicator.



Observation_Image-
202109131248094891735814.jpg

09/13/2021 12:48 PM (AKT)

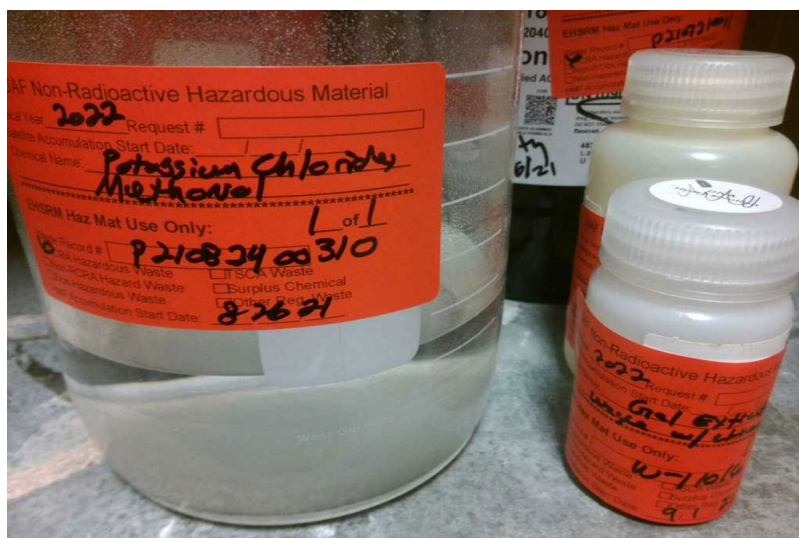
Jon Jones

Bldg. 799 - Hazardous Materials Handling Facility (HMF)/Flammable and Corrosive storage cabinets

No CBI

No PII

View of wastes inside the cabinets that were marked with labels indicating that they were hazardous waste but did not include a hazard indicator. Each cabinet was marked with a hazard indicator.



Observation_Image-
2021091312533453341070489.jpg

09/13/2021 12:53 PM (AKT)

Jon Jones

Bldg. 799 - Hazardous Materials Handling
Facility (HMF)/Flammable and Corrosive storage
cabinets

No CBI

No PII

Another view of the storage cabinets that are
marked with a hazard indicator.



Observation-Image-
2021091311294929491559795.jpg

09/13/2021 11:29 AM (AKT)

Jon Jones

Bldg. 799 - Hazardous Materials Handling
Facility (HMF)/North end of the building

No CBI

No PII

View of waste fluorescent lamp containers,
showing two that were not closed.



Observation_Image-
202109131130013011509344.jpg

09/13/2021 11:30 AM (AKT)

Jon Jones

Bldg. 799 - Hazardous Materials Handling
Facility (HMF)/North end of the building

No CBI

No PII

Close-up view of waste fluorescent lamp
containers, showing two that were not closed.



Observation_Image-
2021091311301930191336300.jpg

09/13/2021 11:30 AM (AKT)

Jon Jones

Bldg. 799 - Hazardous Materials Handling
Facility (HMF)/North end of the building

No CBI

No PII

Another close-up view of waste fluorescent
lamp containers, showing two that were not
closed.



Observation_Image-
2021091311383238321576453.jpg

09/13/2021 11:38 AM (AKT)

Jon Jones

Bldg. 799 - Hazardous Materials Handling
Facility (HMF)/North end of the building

No CBI

No PII

View of 14 small cardboard box containers in a
white 5-gallon bucket that held waste light
ballasts that each contained a Ni-Cad battery.
The ballasts were not labeled as universal waste
batteries.



Observation_Image-
202109131138533853122851.jpg

09/13/2021 11:38 AM (AKT)

Jon Jones

Bldg. 799 - Hazardous Materials Handling
Facility (HMF)/North end of the building

No CBI

No PII

Close-up view of the bucket of ballasts
containing batteries that were not labeled with
the words, "Universal Waste - Batteries."



Observation_Image-
20210913113905395146294.jpg

09/13/2021 11:39 AM (AKT)

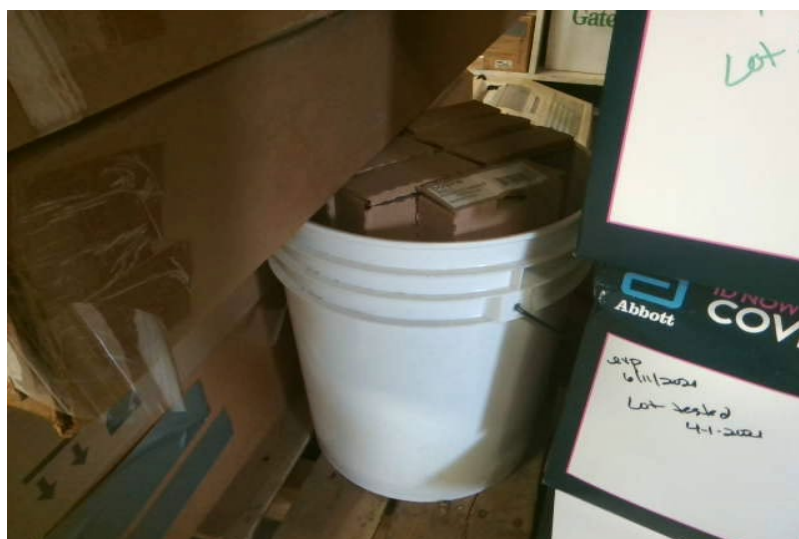
Jon Jones

Bldg. 799 - Hazardous Materials Handling Facility (HMF)/North end of the building

No CBI

No PII

Another view of the same ballasts seen in the previous two photos.



Observation_Image-
2021091311534453441562417.jpg

09/13/2021 11:53 AM (AKT)

Jon Jones

Bldg. 799 - Hazardous Materials Handling Facility (HMF)/North end of the building

No CBI

No PII

View of waste batteries that were not labeled as universal waste.



Observation_Image-
202109131154035431710847.jpg

09/13/2021 11:54 AM (AKT)

Jon Jones

Bldg. 799 - Hazardous Materials Handling Facility (HMF)/North end of the building

No CBI

No PII

Close-up view of the same unlabeled waste batteries seen in the previous photo.



Observation_Image-
202109131156095691475895.jpg

09/13/2021 11:56 AM (AKT)

Jon Jones

Bldg. 799 - Hazardous Materials Handling
Facility (HMF)/North end of the building

No CBI

No PII

Another close-up view of the same unlabeled
waste batteries seen in the previous two
photos.



Observation_Image-
2021091312232023201690922.jpg

09/13/2021 12:23 PM (AKT)

Jon Jones

Bldg. 799 - Hazardous Materials Handling
Facility (HMF)/South end of the building

No CBI

No PII

View of ultraviolet bulb/lamp was not labeled
as universal waste.



Observation_Image-
2021091312233823381658533.jpg

09/13/2021 12:23 PM (AKT)

Jon Jones

Bldg. 799 - Hazardous Materials Handling
Facility (HMF)/South end of the building

No CBI

No PII

Another view of the same ultraviolet bulb/lamp
that was not labeled as universal waste.



Observation_Image-
2021091311132513251898201.jpg

09/13/2021 11:13 AM (AKT)

Jon Jones

Covered storage area/Cell D

No CBI

No PII

View of seven, 55-gallon containers that according to the labels contained Isopropanol (5), Methanol (1), and Ethanol (1). The containers were sitting in an accumulation of liquid, that appeared to be rainwater, and the bottoms were rusting.



Observation_Image-
2021091311135613561859018.jpg

09/13/2021 11:13 AM (AKT)

Jon Jones

Covered storage area/Cell D

No CBI

No PII

Close-up view of the rusting containers.



Observation_Image-
2021091311141314131624579.jpg

09/13/2021 11:14 AM (AKT)

Jon Jones

Covered storage area/Cell D

No CBI

No PII

Close-up view of the rusting containers.



Observation_Image-
202109131103443441502549.jpg

09/13/2021 11:03 AM (AKT)

Jon Jones

Covered storage area/Cell E

No CBI

No PII

View of rusting and bulging containers that hold North Slope Crude Oil and are marked with DOT Class 3 hazard indicators.



Observation_Image-
202109131104154151421441.jpg

09/13/2021 11:04 AM (AKT)

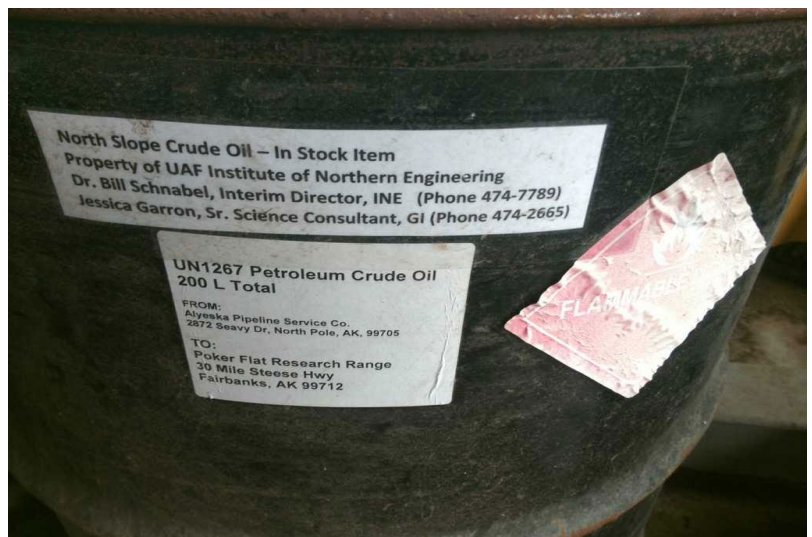
Jon Jones

Covered storage area/Cell E

No CBI

No PII

Close-up view of the labeling on the rusting and bulging containers.



Observation_Image-
202109131104354351602830.jpg

09/13/2021 11:04 AM (AKT)

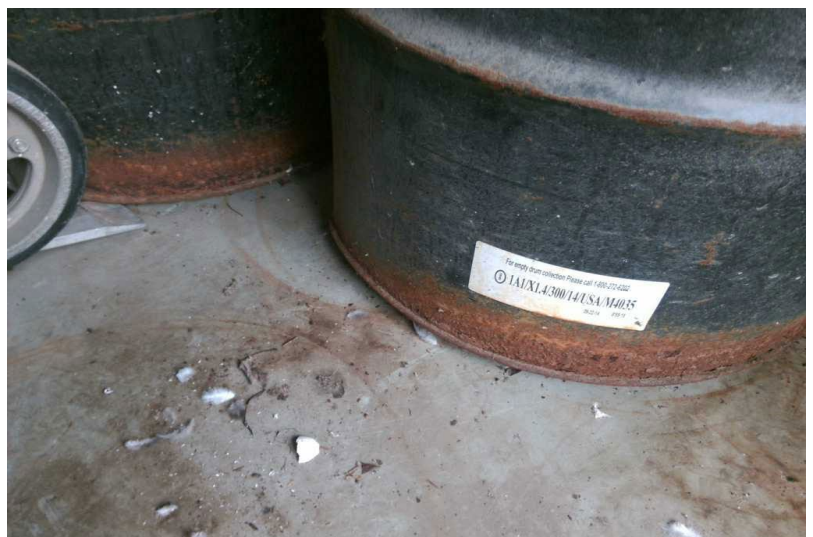
Jon Jones

Covered storage area/Cell E

No CBI

No PII

Another close-up view of the rusting and bulging containers.



Observation_Image-
20210914110810810122884.jpg

09/14/2021 11:08 AM (AKT)

Jon Jones

Facility Services/Customer Service

No CBI

No PII

View of a universal waste battery container that contained waste CFLs and was dated 3/16/20.



Observation_Image-
20210914110818818169663.jpg

09/14/2021 11:08 AM (AKT)

Jon Jones

Facility Services/Customer Service

No CBI

No PII

Close-up view of a universal waste battery container that contained waste CFLs and was dated 3/16/20.



Observation_Image-
2021091411083283297909.jpg

09/14/2021 11:08 AM (AKT)

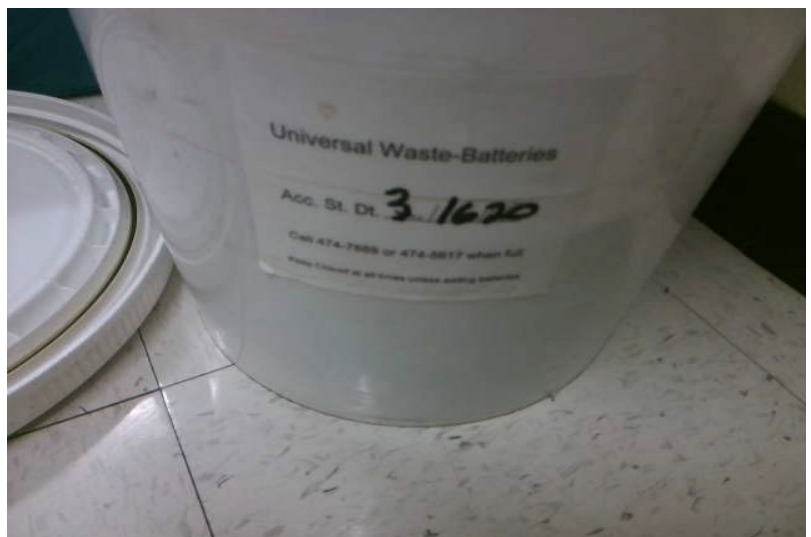
Jon Jones

Facility Services/Customer Service

No CBI

No PII

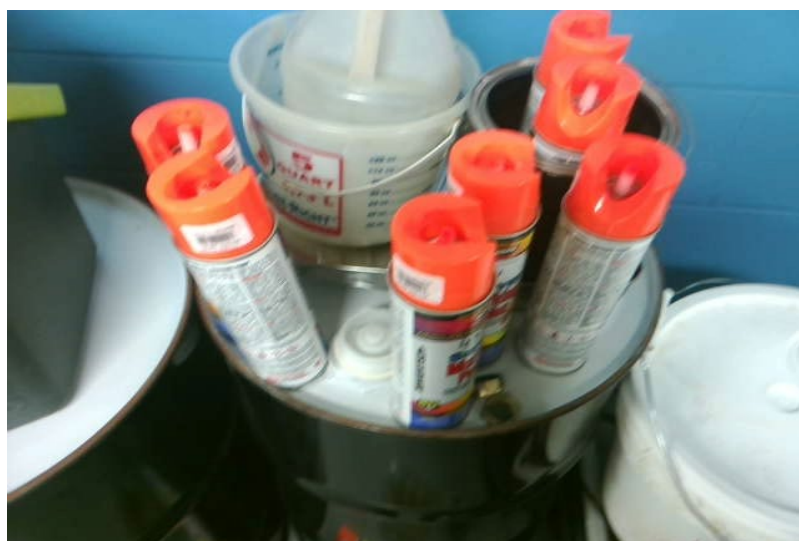
Close-up view of the container label. The container is seen here dated 3/16/20 and has been in accumulation for greater than a year.



Observation_Image- 202109141144274427176096.jpg
09/14/2021 11:44 AM (AKT)
Jon Jones
Facility Services/Room 141 - Alarm/Electrical/HVAK SHOP
No CBI
No PII
View of nine loose waste aerosol cans that were not labeled with the words "Universal Waste - Aerosols."



Observation_Image- 202109141144354435183028.jpg
09/14/2021 11:44 AM (AKT)
Jon Jones
Facility Services/Room 141 - Alarm/Electrical/HVAK SHOP
No CBI
No PII
Close-up view of seven of the nine loose waste aerosol cans that were not labeled with the words "Universal Waste - Aerosols."



Observation_Image- 202109141144394439129943.jpg
09/14/2021 11:44 AM (AKT)
Jon Jones
Facility Services/Room 141 - Alarm/Electrical/HVAK SHOP
No CBI
No PII
Close-up view of the other two loose waste aerosol cans that were not labeled with the words "Universal Waste - Aerosols."



Observation_Image-
202109141131433143126603.jpg

09/14/2021 11:31 AM (AKT)

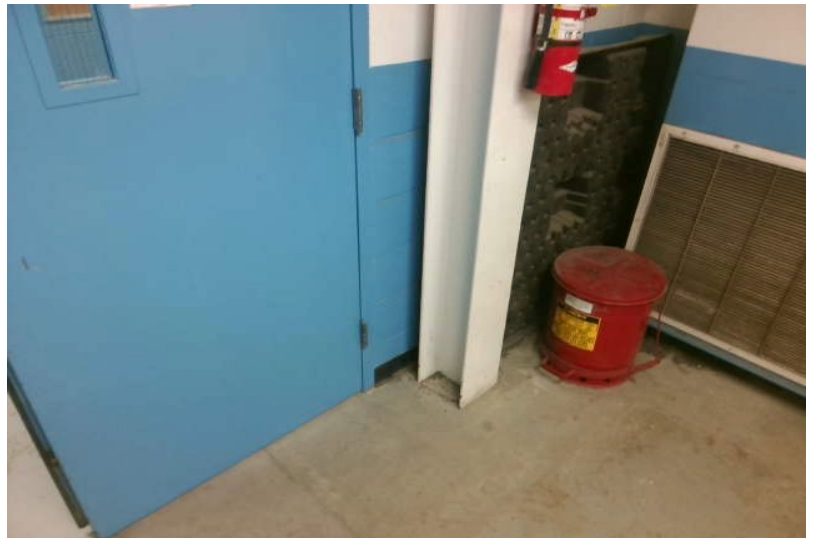
Jon Jones

Facility Services/Room 142 - Plumbing Shop

No CBI

No PII

View of a step-can that is holding a waste aerosol can and a waste battery.



Observation_Image-
202109141131523152206017.jpg

09/14/2021 11:31 AM (AKT)

Jon Jones

Facility Services/Room 142 - Plumbing Shop

No CBI

No PII

Close-up view of the step-can showing that it is labeled with the words "Flammables & Spent Aerosol Cans Only."



Observation_Image-
202109141132443244881674.jpg

09/14/2021 11:32 AM (AKT)

Jon Jones

Facility Services/Room 142 - Plumbing Shop

No CBI

No PII

View of the contents of the step-can which include a waste aerosol can, a small, leaking lithium battery, and two pieces of "Nicorette" gum.



Observation_Image-
202109141410241024189214.jpg

09/14/2021 02:10 PM (AKT)

Jon Jones

Lab 241/Fume hood

No CBI

No PII

A view of SAA wastes in containers that are not labeled with the words "Hazardous Waste" or hazard indicators.



Observation_Image-
202109141410391039433284.jpg

09/14/2021 02:10 PM (AKT)

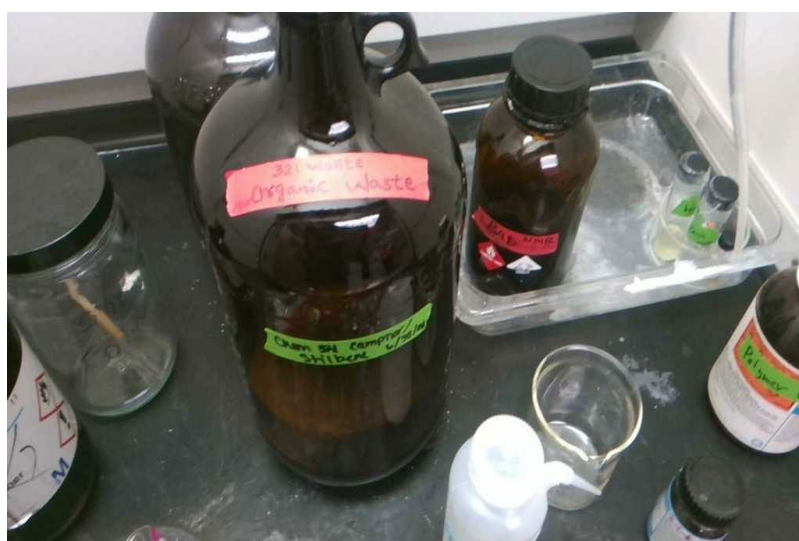
Jon Jones

Lab 241/Fume hood

No CBI

No PII

Additional view of the same SAA wastes in containers that are not labeled with the words "Hazardous Waste" or hazard indicators.



Observation_Image-
20210914140128128124477.jpg

09/14/2021 02:01 PM (AKT)

Jon Jones

Lab 242/Fume hood

No CBI

No PII

Waste containers under fume hood that are not labeled with the words "Hazardous Waste" or hazard indicators.



Observation_Image-
20210914140134134164458.jpg

09/14/2021 02:01 PM (AKT)

Jon Jones

Lab 242/Fume hood

No CBI

No PII

Close-up view of the same waste containers under fume hood that are not labeled with the words "Hazardous Waste" or hazard indicators.



Observation_Image-
20210914140141141115246.jpg

09/14/2021 02:01 PM (AKT)

Jon Jones

Lab 242/Fume hood

No CBI

No PII

Another close-up view of the same waste containers under fume hood that are not labeled with the words "Hazardous Waste" or hazard indicators.



Observation_Image-
20210914135806586145373.jpg

09/14/2021 01:58 PM (AKT)

Jon Jones

Lab 246/Fume hood

No CBI

No PII

View of an unknown waste in containers under fume hood. Containers under fume hood are not labeled with the words "Hazardous Waste" or hazard indicators.



Observation_Image-
202109141358275827417387.jpg

09/14/2021 01:58 PM (AKT)

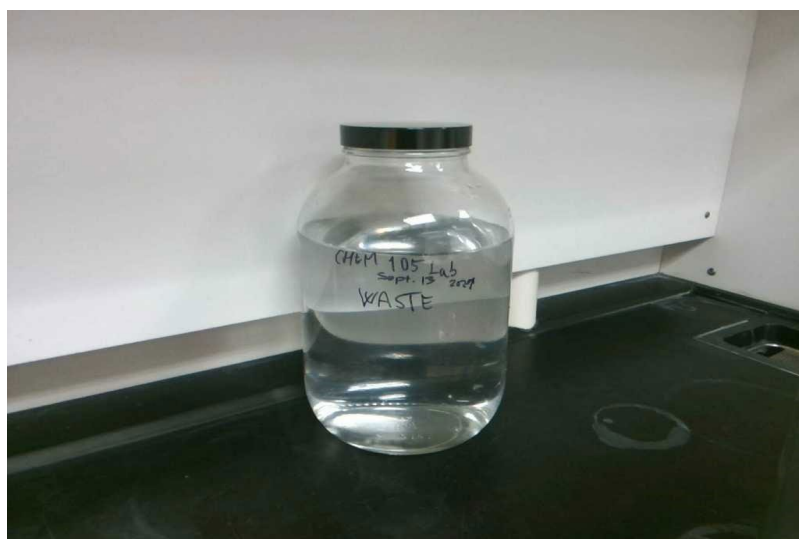
Jon Jones

Lab 246/Fume hood

No CBI

No PII

Close-up view of the unknown waste in container under vent hood. Dated 9/13/21. Containers under fume hood is not labeled with the words "Hazardous Waste" or hazard indicator.



Observation_Image-
20210914120759759184539.jpg

09/14/2021 12:07 PM (AKT)

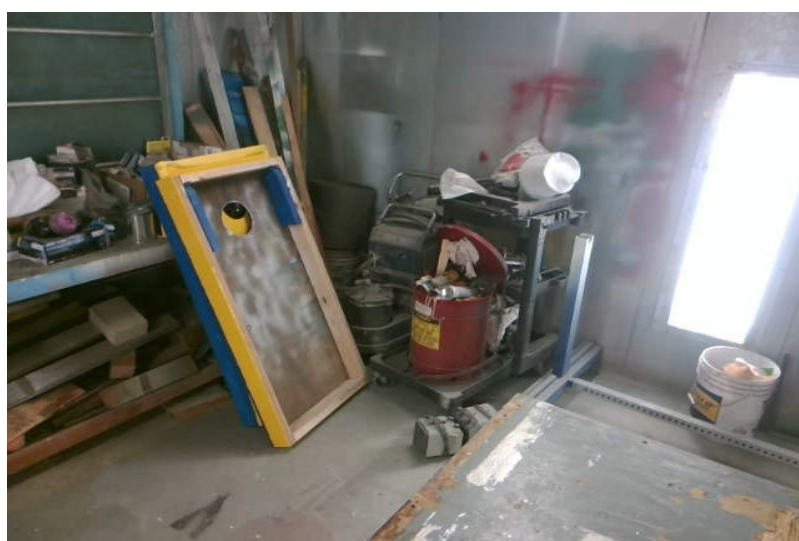
Jon Jones

Paint Shop/Paint booth

No CBI

No PII

View of an open step-can, inside of a paint booth, that contained three waste aerosol cans and was not labeled as "Universal Waste - Aerosols."



Observation_Image-
2021091412080888205442.jpg

09/14/2021 12:08 PM (AKT)

Jon Jones

Paint Shop/Paint booth

No CBI

No PII

Close-up view of the same three waste aerosol cans seen in the previous photo.



Observation_Image-
20210914120821821213790.jpg

09/14/2021 12:08 PM (AKT)

Jon Jones

Paint Shop/Paint booth

No CBI

No PII

Another close-up view of the same three waste aerosol cans seen in the previous photo.



Observation_Image-
202109141159105910204634.jpg

09/14/2021 11:59 AM (AKT)

Jon Jones

Paint Shop/Step-can outside Rm 152B - Paint Shop Tool & Paint Storage

No CBI

No PII

View of step-can labeled "Flammables & Spent Aerosol Cans Only." The step-can contained waste rags, absorbents, and two small open cans that held waste paint and thinner. The open cans of waste paint and thinner are seen here in front of the step-can.



Observation_Image-
202109141159185918211624.jpg

09/14/2021 11:59 AM (AKT)

Jon Jones

Paint Shop/Step-can outside Rm 152B - Paint Shop Tool & Paint Storage

No CBI

No PII

Close-up view of the waste paint and thinner cans that were removed from the step-can.



Observation_Image-
202109141159365936182170.jpg

09/14/2021 11:59 AM (AKT)

Jon Jones

Paint Shop/Step-can outside Rm 152B - Paint Shop Tool & Paint Storage

No CBI

No PII

Another close-up view of the waste paint and thinner cans that were removed from the step-can.



Observation_Image-
202109141152525252170290.jpg

09/14/2021 11:52 AM (AKT)

Jon Jones

Paint Shop/Trash can next to deep sink

No CBI

No PII

View of a waste aerosol can in the trash.



Observation_Image-
20210914115300530174973.jpg

09/14/2021 11:53 AM (AKT)

Jon Jones

Paint Shop/Trash can next to deep sink

No CBI

No PII

Another view of the same waste aerosol can in the trash.



Observation_Image-
20210914115307537175611.jpg

09/14/2021 11:53 AM (AKT)

Jon Jones

Paint Shop/Trash can next to deep sink

No CBI

No PII

Close-up view of the same waste aerosol can in the trash.



Observation_Image-
202109141436583658159620.jpg

09/14/2021 02:36 PM (AKT)

Jon Jones

rm 132 Chem Lecture prep/fume hood

No CBI

No PII

View of three waste containers under fume hood. Containers under fume hood that are not labeled with the words "Hazardous Waste" or hazard indicators.



Observation_Image-
20210914143808388702898.jpg

09/14/2021 02:38 PM (AKT)

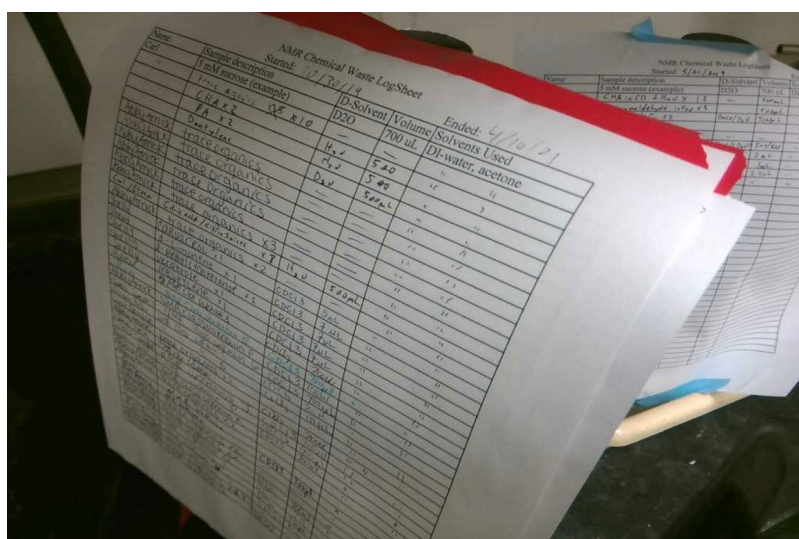
Jon Jones

rm 132 Chem Lecture prep/fume hood

No CBI

No PII

Close-up view of the container log sheet which shows a detailed list of what's in the container.



Observation_Image-
202109141438213821718393.jpg

09/14/2021 02:38 PM (AKT)

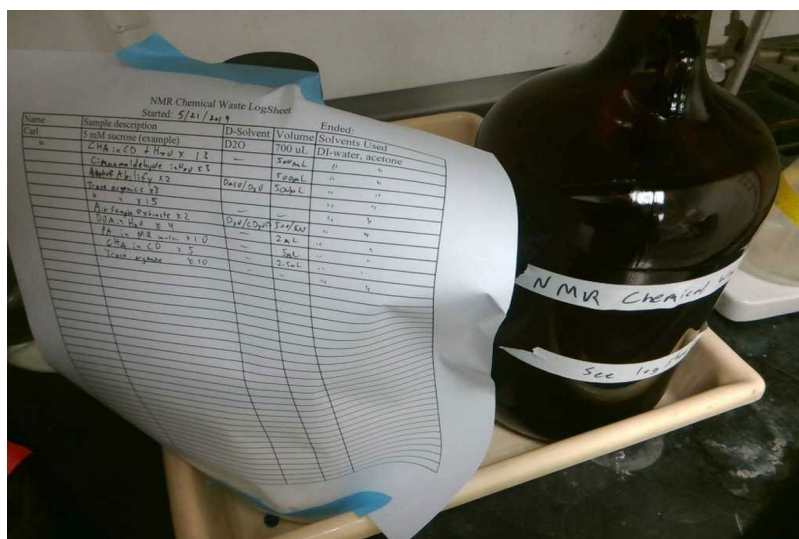
Jon Jones

rm 132 Chem Lecture prep/fume hood

No CBI

No PII

Close-up view of the container log sheet which shows a detailed list of what's in the container.



Observation_Image-
202109141448504850173549.jpg

09/14/2021 02:48 PM (AKT)

Jon Jones

Rm 143 Chem Research Lab/Cabinet beneath
fume hood

No CBI

No PII

View of additional waste containers beneath
fume hood that are not labeled with the words
"Hazardous Waste" or hazard indicators.



Observation_Image-
20210914144900490138975.jpg

09/14/2021 02:49 PM (AKT)

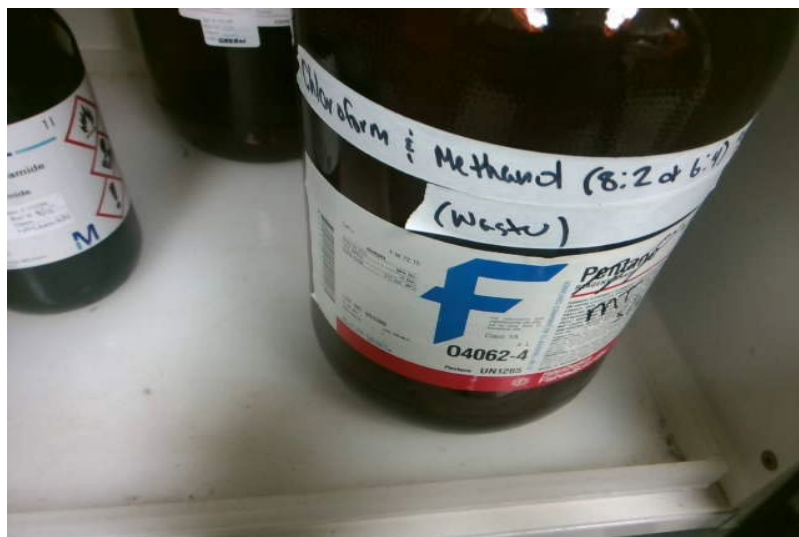
Jon Jones

Rm 143 Chem Research Lab/Cabinet beneath
fume hood

No CBI

No PII

Close-up view of the additional waste
containers beneath fume hood that are not
labeled with the words "Hazardous Waste" or
hazard indicators.



Observation_Image-
202109150934303430222626.jpg

09/15/2021 09:34 AM (AKT)

Jon Jones

Rm 143/Area adjacent to the fume hood

No CBI

No PII

View of five, 5-gallon containers, four of which held waste Formalin and one that held waste Isopropyl alcohol. The container of waste Isopropyl alcohol was not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
2021091509344934491013479.jpg

09/15/2021 09:34 AM (AKT)

Jon Jones

Rm 143/Area adjacent to the fume hood

No CBI

No PII

Close-up view of some of the same containers seen in the previous photo.



Observation_Image-
20210915093505355919714.jpg

09/15/2021 09:35 AM (AKT)

Jon Jones

Rm 143/Area adjacent to the fume hood

No CBI

No PII

Close-up view of the container of waste Isopropyl alcohol (Seen here on the left) was not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
202109151031293129134715.jpg

09/15/2021 10:31 AM (AKT)

Jon Jones

Rm 207 Lab/Area just in front of the fume hood

No CBI

No PII

View of a small plastic tray that contained seven small plastic bottles of unknown wastes. There was a handwritten note in the bottom of the tray that read, "These samples are of unknown origin or owner B. M. 8/25/19."



Observation_Image-
202109151031473147400253.jpg

09/15/2021 10:31 AM (AKT)

Jon Jones

Rm 207 Lab/Area just in front of the fume hood

No CBI

No PII

Another view of the same small plastic tray that contained seven small plastic bottles of unknown wastes. There was a handwritten note in the bottom of the tray that read, "These samples are of unknown origin or owner B. M. 8/25/19."



Observation_Image-
202109141550265026110001.jpg

09/14/2021 03:50 PM (AKT)

Jon Jones

Rm 209 Prep Lab/Fume hood

No CBI

No PII

View of plastic tray under a fume hood that contained vials of waste ethanol. The vials were not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
202109141550365036396655.jpg

09/14/2021 03:50 PM (AKT)

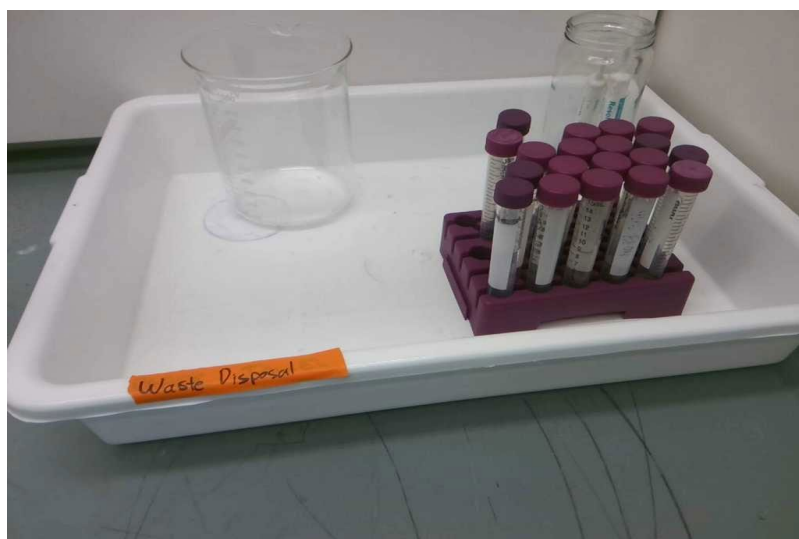
Jon Jones

Rm 209 Prep Lab/Fume hood

No CBI

No PII

Another view of the same plastic tray under a fume hood that contained vials of waste ethanol. The vials were not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
202109141550525052376606.jpg

09/14/2021 03:50 PM (AKT)

Jon Jones

Rm 209 Prep Lab/Vent hood

No CBI

No PII

Close-up view of the same vials seen in the previous two photos.



Observation_Image-
202109141526422642157943.jpg

09/14/2021 03:26 PM (AKT)

Jon Jones

Rm 318/Lab table

No CBI

No PII

View of a plastic container that was labeled "Waste for pickup - Williams lab." Items in the container included universal waste batteries that were not labeled. At least one battery was a lithium battery.



Observation_Image-
202109141526492649132209.jpg

09/14/2021 03:26 PM (AKT)

Jon Jones

Rm 318/Lab table

No CBI

No PII

Another view of the same container seen in the previous photo.



Observation_Image-
20210914152701271114171.jpg

09/14/2021 03:27 PM (AKT)

Jon Jones

Rm 318/Lab table

No CBI

No PII

Close-up view of one of the waste batteries (Purple) inside of a device that was in the plastic container seen in the previous two photos.



Observation_Image-
202109141534143414361930.jpg

09/14/2021 03:34 PM (AKT)

Jon Jones

Rm 318/Fume hood

No CBI

No PII

View of a plastic tub inside of a fume hood. The plastic tub held six smaller containers all labeled "Unknown" waste. The containers were not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
202109141534353435311596.jpg

09/14/2021 03:34 PM (AKT)

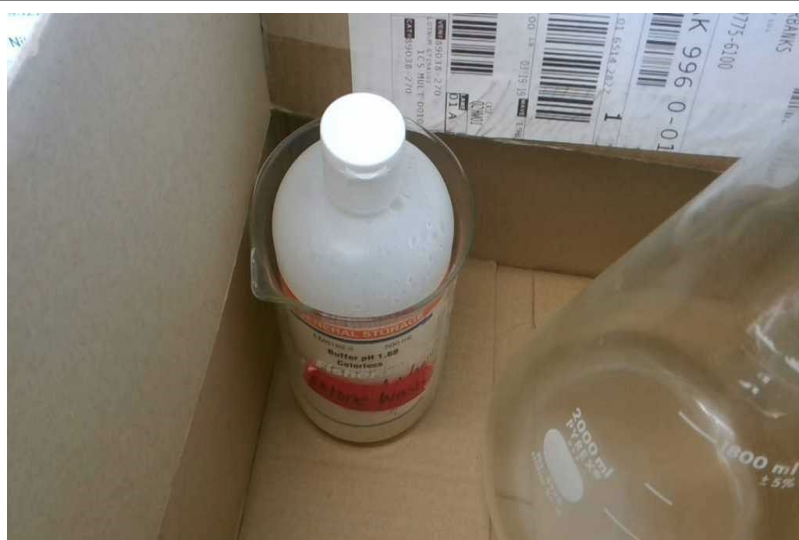
Jon Jones

Rm 318/Fume hood

No CBI

No PII

View of box containing a bottle of waste pH 1.68 buffer solution. The bottle of waste pH 1.68 buffer solution was not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
20210914153806386218688.jpg

09/14/2021 03:38 PM (AKT)

Jon Jones

Rm 318/Fume hood

No CBI

No PII

View of an unidentified waste that had crystallized. The container it is in is not closed and not labeled.



Observation_Image-
2021091415382438242645295.jpg

09/14/2021 03:38 PM (AKT)

Jon Jones

Rm 318/Fume hood

No CBI

No PII

Closer view of the unidentified waste that had crystallized. The container it is in is not closed and not labeled.



Observation_Image-
2021091415384738472327055.jpg

09/14/2021 03:38 PM (AKT)

Jon Jones

Rm 318/Fume hood

No CBI

No PII

Close-up view of the unidentified waste that had crystalized. The container it is in is not closed and not labeled.



Observation_Image-
202109141541504150167757.jpg

09/14/2021 03:41 PM (AKT)

Jon Jones

Rm 318/Fume hood

No CBI

No PII

View of another waste container, seen here with a yellow label, was found across from the previous table and was not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
202109141542104210574413.jpg

09/14/2021 03:42 PM (AKT)

Jon Jones

Rm 318/Fume hood

No CBI

No PII

Close-up view of the same waste container seen in the previous photo.



Observation_Image-
202109151013481348192813.jpg

09/15/2021 10:13 AM (AKT)

Jon Jones

Rm 409 Lab/Fume hood

No CBI

No PII

View of a fume hood containing a waste that is not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
20210915101401141390885.jpg

09/15/2021 10:14 AM (AKT)

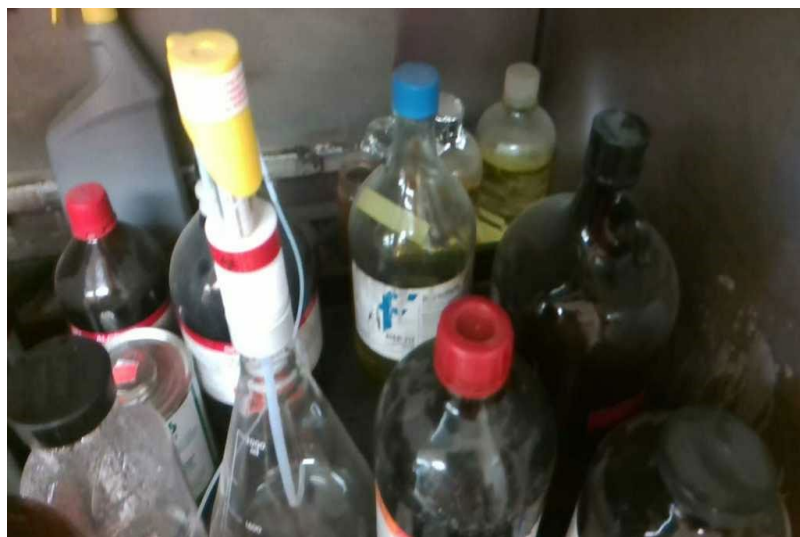
Jon Jones

Rm 409 Lab/Fume hood

No CBI

No PII

View of the container of waste HCL, seen here with the blue cap, that is not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
202109151014271427351004.jpg

09/15/2021 10:14 AM (AKT)

Jon Jones

Rm 409 Lab/Fume hood

No CBI

No PII

Close-up view of the container of waste HCL, seen here with the blue cap, that is not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
20210915101509159161688.jpg

09/15/2021 10:15 AM (AKT)

Jon Jones

Rm 409 Lab/Fume hood

No CBI

No PII

View of two containers, seen behind the container with the blue cap, holding unknown liquids and requiring a waste determination.



Observation_Image-
202109151015251525229796.jpg

09/15/2021 10:15 AM (AKT)

Jon Jones

Rm 409 Lab/Fume hood

No CBI

No PII

Close-up view of the two containers, seen behind the container with the blue cap, holding unknown liquids.



Observation_Image-
202109141117571757163500.jpg

09/14/2021 11:17 AM (AKT)

Jon Jones

Room 140 - Transportation / Vehicle
services/Waste Aerosol SAA

No CBI

No PII

View of flammable storage cabinet containing waste aerosols that is not labeled as "Universal Waste - Aerosols."



Observation_Image-
20210914111807187244898.jpg

09/14/2021 11:18 AM (AKT)

Jon Jones

Room 140 - Transportation / Vehicle
services/Waste Aerosol SAA

No CBI

No PII

View of the waste aerosol cans inside the
flammable storage cabinet.



Observation_Image-
202109141118131813126734.jpg

09/14/2021 11:18 AM (AKT)

Jon Jones

Room 140 - Transportation / Vehicle
services/Waste Aerosol SAA

No CBI

No PII

Close-up view of the labeling on the outside of
the flammable storage cabinet.



Observation_Image-
202109141430263026203754.jpg

09/14/2021 02:30 PM (AKT)

Jon Jones

Room 191 Chem Research Lab/Table on right as
you enter the lab

No CBI

No PII

View of two four-liter containers on the table
that contained an organic waste. The containers
were not labeled with the words "Hazardous
Waste" or a hazard indicator.



Observation_Image-
202109141430383038739497.jpg

09/14/2021 02:30 PM (AKT)

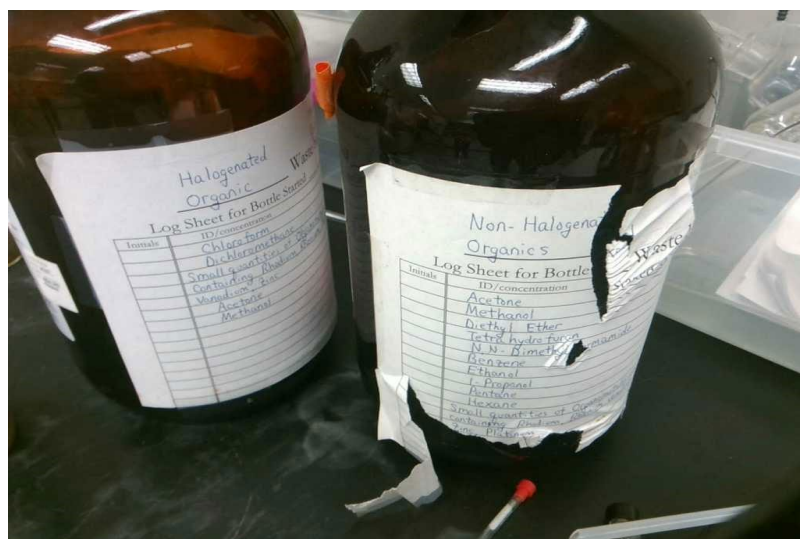
Jon Jones

Room 191 Chem Research Lab/Table on right as
you enter the lab

No CBI

No PII

Close-up view of two four-liter containers on
the table that contained an organic waste. The
containers were not labeled with the words
“Hazardous Waste” or a hazard indicator.



Observation_Image-
202109141423252325141748.jpg

09/14/2021 02:23 PM (AKT)

Jon Jones

Room 193 (Lab)/Fume hood

No CBI

No PII

View of waste container, marked with red tape,
that was not labeled with the words “Hazardous
Waste” or a hazard indicator.



Observation_Image-
202109141423302330161941.jpg

09/14/2021 02:23 PM (AKT)

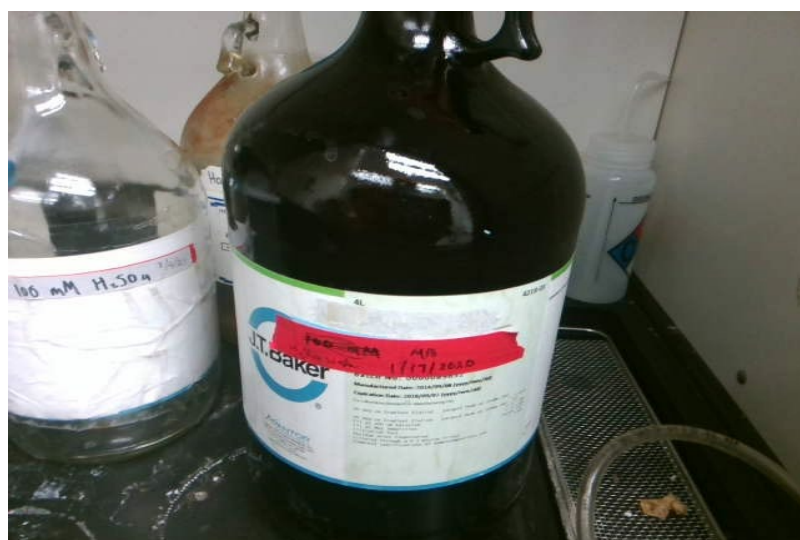
Jon Jones

Room 193 (Lab)/Fume hood

No CBI

No PII

Close-up view of waste container, marked with
red tape, that was not labeled with the words
“Hazardous Waste” or a hazard indicator.



Observation_Image-
202109141423482348394386.jpg

09/14/2021 02:23 PM (AKT)

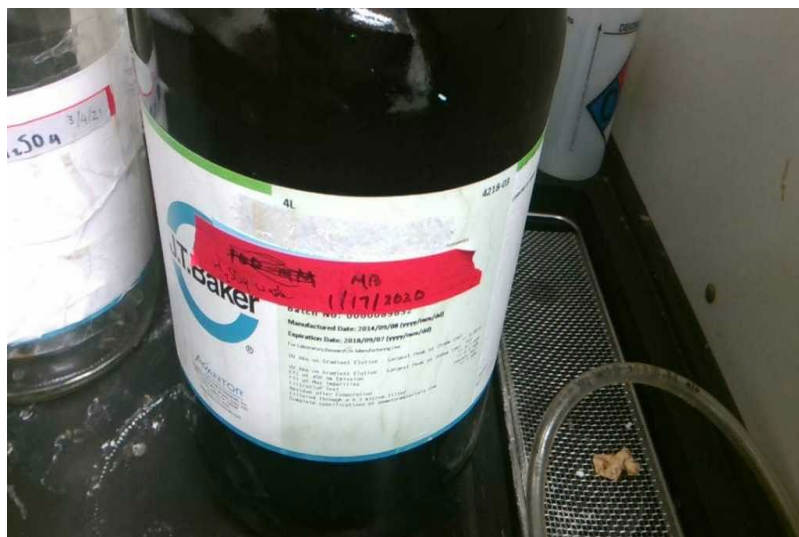
Jon Jones

Room 193 (Lab)/Fume hood

No CBI

No PII

Another close-up view of waste container, marked with red tape, that was not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
202109131628342834180200.jpg

09/13/2021 04:28 PM (AKT)

Jon Jones

Room 211/East end of lab

No CBI

No PII

View of a plastic tub of waste that is marked as "Hazardous waste for pick-up" on a table in the lab on the south side of the bldg. None of the containers in the tub are labeled with the words "Hazardous Waste" and not all were marked with a hazard indicator.



Observation_Image-
2021091316094094081809.jpg

09/13/2021 04:09 PM (AKT)

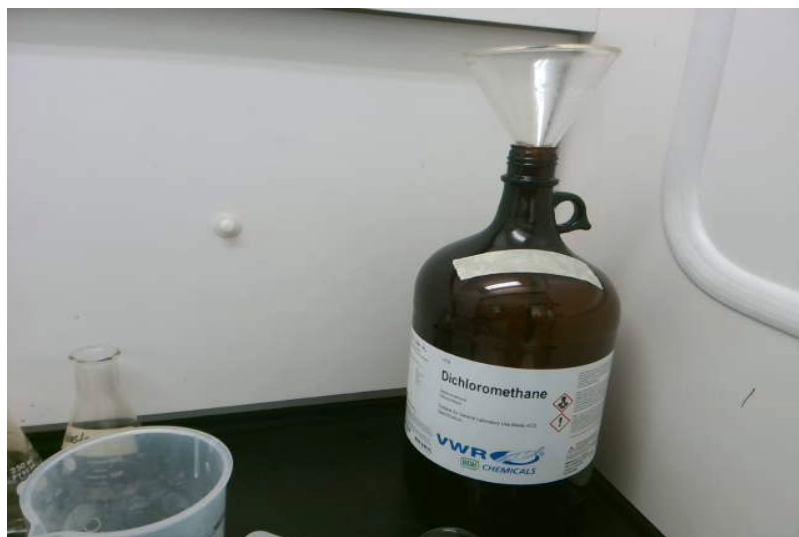
Jon Jones

Room 211/Fume hood SAA

No CBI

No PII

View of a container holding a mixture of waste Alaska crude oil, water, and Dichloromethane. At the time of the inspection the container was not closed and in an actively running vent hood. The container was also not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
20210913161110111095185.jpg

09/13/2021 04:11 PM (AKT)

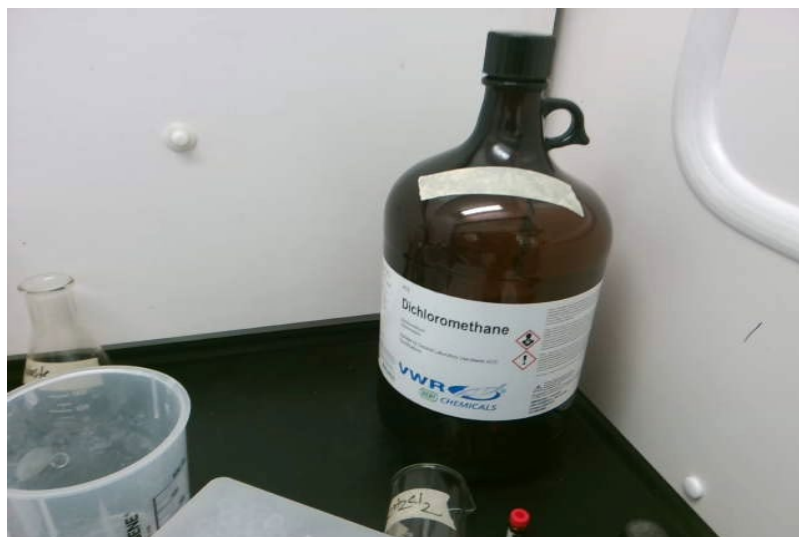
Jon Jones

Room 211/Fume hood SAA

No CBI

No PII

View of the same container, seen in the previous photo, after being closed.



Observation_Image-
20210913162340234079439.jpg

09/13/2021 04:23 PM (AKT)

Jon Jones

Room 211/Fume hood SAA

No CBI

No PII

View of waste containers beneath fume hood in Rm 211 that are not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
20210913162355235590848.jpg

09/13/2021 04:23 PM (AKT)

Jon Jones

Room 211/Fume hood SAA

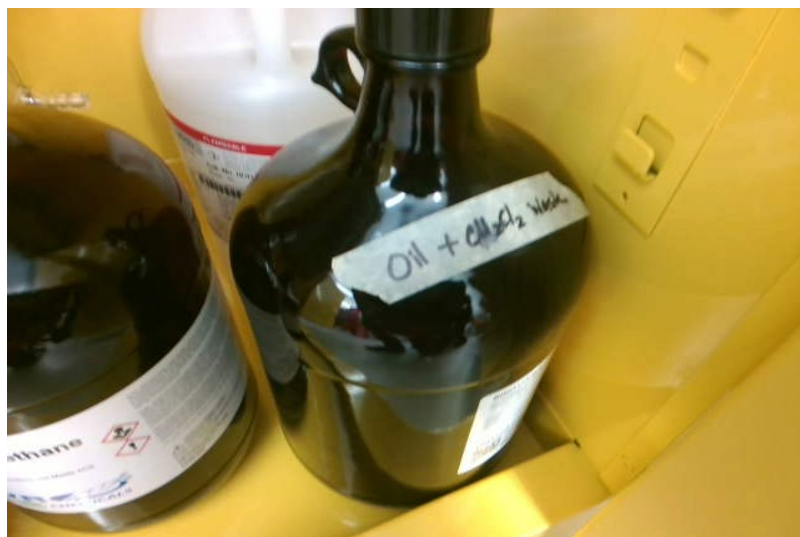
No CBI

No PII

Close-up view of the same waste containers beneath fume hood in Rm 211 that are not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image- 202109131617221722172144.jpg
09/13/2021 04:17 PM (AKT)
Jon Jones
Room 211/Yellow flammable storage cabinet
No CBI
No PII
View of additional waste containers that are not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image- 202109131617461746190186.jpg
09/13/2021 04:17 PM (AKT)
Jon Jones
Room 211/Yellow flammable storage cabinet
No CBI
No PII
View of additional waste containers that are not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image- 202109141352565256177769.jpg
09/14/2021 01:52 PM (AKT)
Jon Jones
Room 244/Fume hood
No CBI
No PII
View of waste container under the fume hood, labeled with green tape as an unknown and is not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
20210914135307537429645.jpg

09/14/2021 01:53 PM (AKT)

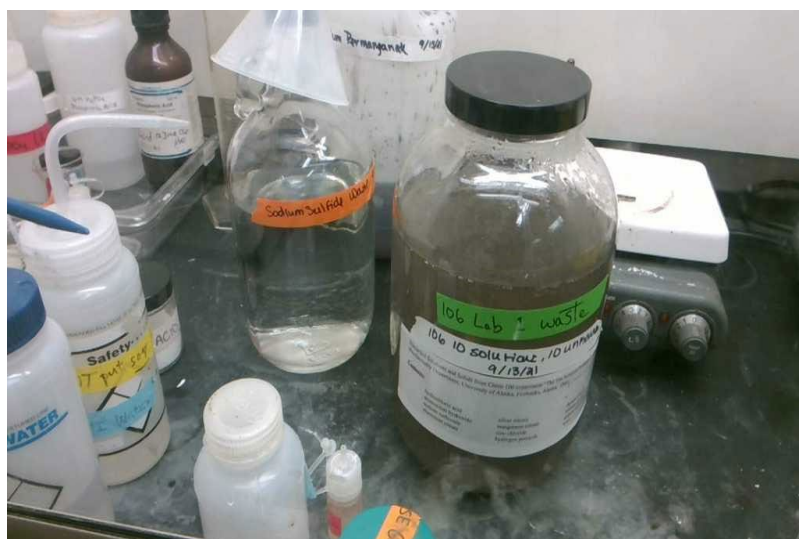
Jon Jones

Room 244/Fume hood

No CBI

No PII

Close-up view of waste container under the fume hood, labeled with green tape as an unknown and is not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
202109141516161616469495.jpg

09/14/2021 03:16 PM (AKT)

Jon Jones

Room 318B/Fume hood

No CBI

No PII

View of container under fume hood that is in another plastic tub. The plastic tub is labeled as Hazardous Waste Containment. The container in the tub is not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
202109141516371637518156.jpg

09/14/2021 03:16 PM (AKT)

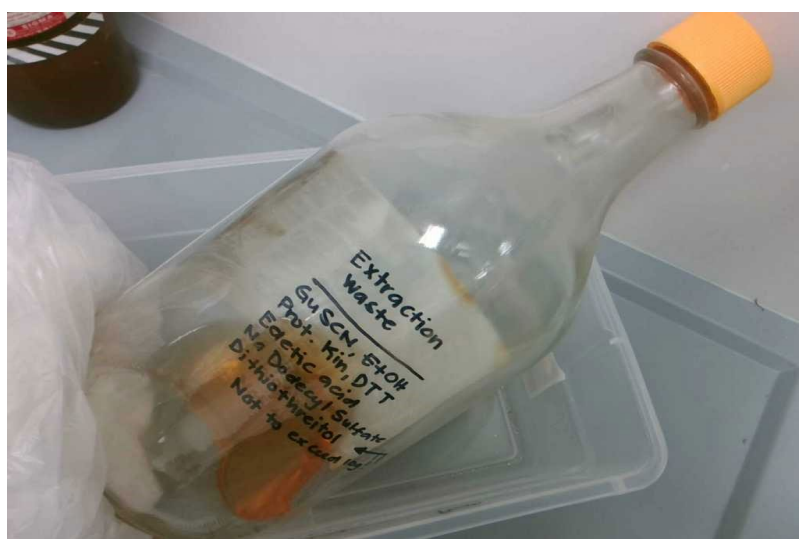
Jon Jones

Room 318B/Fume hood

No CBI

No PII

The container in the tub, seen in the previous photo, is not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
202109141519261926135089.jpg

09/14/2021 03:19 PM (AKT)

Jon Jones

Room 318B/Fume hood

No CBI

No PII

View of a second fume hood in the same room (318B) also had containers of waste that were not labeled with the words "Hazardous Waste" or a hazard indicator. The containers include the large plastic container in the rear of the fume hood, small bottle of dark liquid marked with red tape, and the small white container with the black cap.



Observation_Image-
202109141519381938540844.jpg

09/14/2021 03:19 PM (AKT)

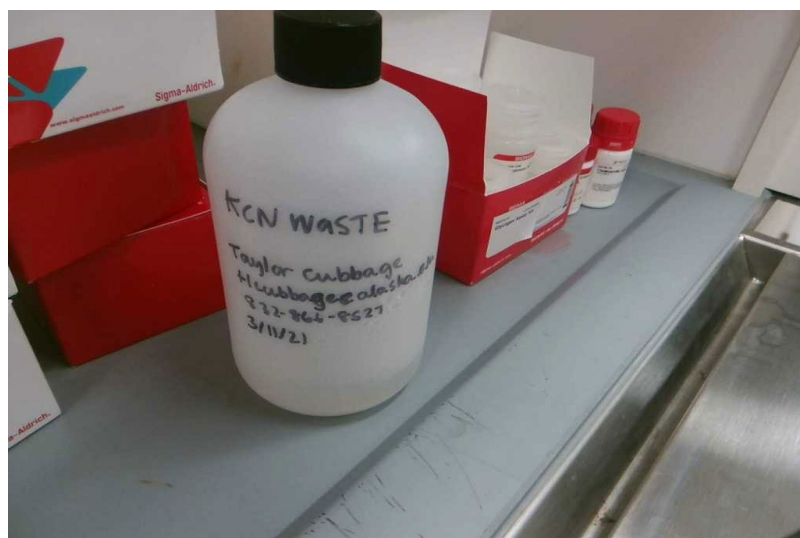
Jon Jones

Room 318B/Fume hood

No CBI

No PII

Close-up view of the small white container with the black cap that is not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
202109141519581958505990.jpg

09/14/2021 03:19 PM (AKT)

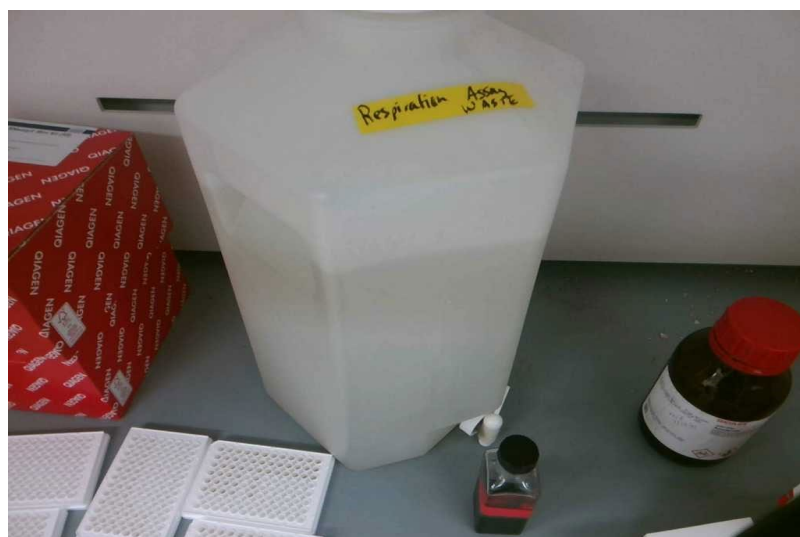
Jon Jones

Room 318B/Fume hood

No CBI

No PII

Close-up view of the large white container and the small bottle marked with red tape that are not labeled with the words "Hazardous Waste" or hazard indicators.



Observation_Image-
202109131520542054219516.jpg

09/13/2021 03:20 PM (AKT)

Jon Jones

Room 442 - ASIF/Fume hood

No CBI

No PII

View of waste containers under fume hood that are not labeled with the words "Hazardous Waste" or hazard indicators.



Observation_Image-
20210913152406246378035.jpg

09/13/2021 03:24 PM (AKT)

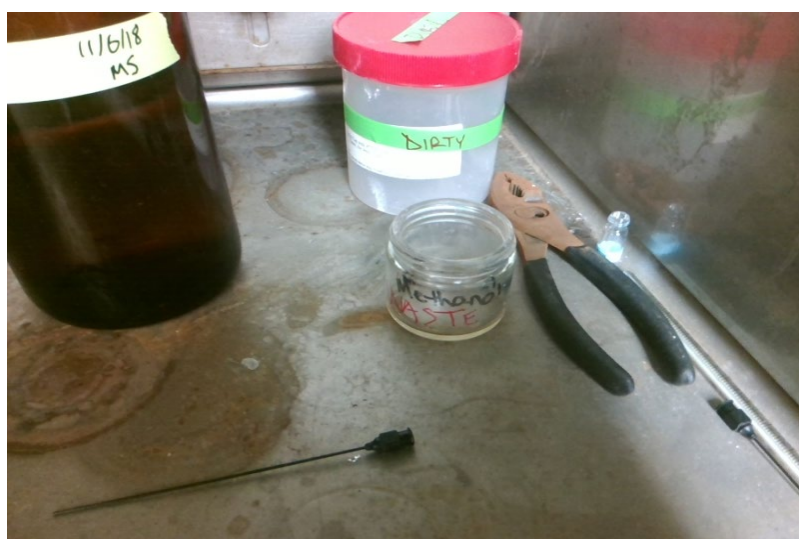
Jon Jones

Room 442 - ASIF/Fume hood

No CBI

No PII

View of a small open container that was labeled Methanol waste. The container was not closed, and the vent hood was actively running.



Observation_Image-
202109131510591059185091.jpg

09/13/2021 03:10 PM (AKT)

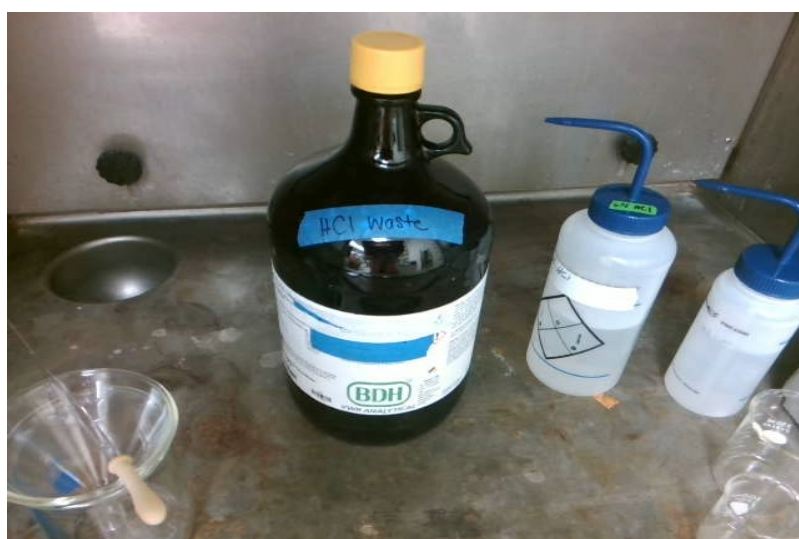
Jon Jones

Room 444 - ASIF/Fume hoods

No CBI

No PII

View of HCL waste container under fume hood that is not labeled with the words "Hazardous Waste" or hazard indicators.



Observation_Image-
202109131511171117177003.jpg

09/13/2021 03:11 PM (AKT)

Jon Jones

Room 444 - ASIF/Fume hoods

No CBI

No PII

View of waste container marked with orange tape under fume hood that is not labeled with the words "Hazardous Waste" or a hazard indicator.



Observation_Image-
202109131511321132164247.jpg

09/13/2021 03:11 PM (AKT)

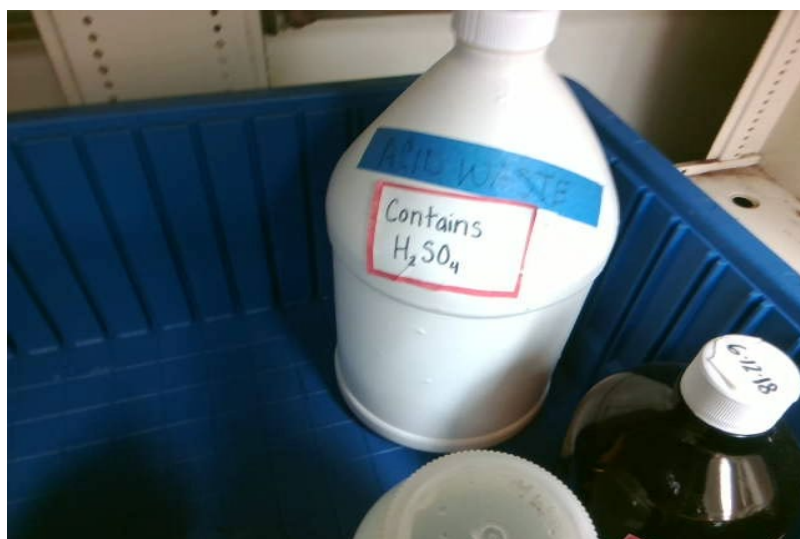
Jon Jones

Room 444 - ASIF/Fume hoods

No CBI

No PII

View of waste container marked with blue tape under fume hood that is not labeled with the words "Hazardous Waste" or hazard indicators.



Observation_Image-
202109131449324932875554.jpg

09/13/2021 02:49 PM (AKT)

Jon Jones

Room 448 - Alaska Stable Isotope Facility/Lab B

No CBI

No PII

View of the waste containers in the flammable storage cabinet, in Lab B, that were not labeled with the words "Hazardous Waste" or hazard indicators.



Observation_Image-
202109131450205020927558.jpg

09/13/2021 02:50 PM (AKT)

Jon Jones

Room 448 - Alaska Stable Isotope Facility/Lab B

No CBI

No PII

Close-up view of the waste containers in the flammable storage cabinet, in Lab B, that were not labeled with the words "Hazardous Waste" or hazard indicators.



Observation_Image-
202109131451105110179778.jpg

09/13/2021 02:51 PM (AKT)

Jon Jones

Room 448 - Alaska Stable Isotope Facility/Lab B

No CBI

No PII

Close-up view of the waste containers in the flammable storage cabinet, in Lab B, that were not labeled with the words "Hazardous Waste" or hazard indicators.



Observation_Image-
202109131231323132181086.jpg

09/13/2021 12:31 PM (AKT)

Jon Jones

South end of the building/Area beside door leading out to the covered storage area (outside)

No CBI

No PII

View of a box containing waste fluorescent lamps that has been in storage for greater than one year.



Observation_Image-
202109131231513151123982.jpg

09/13/2021 12:31 PM (AKT)

Jon Jones

South end of the building/Area beside door leading out to the covered storage area (outside)

No CBI

No PII

Another view of the same box containing waste fluorescent lamps that has been in storage for greater than one year.



Observation_Image-
20210913123158315899644.jpg

09/13/2021 12:31 PM (AKT)

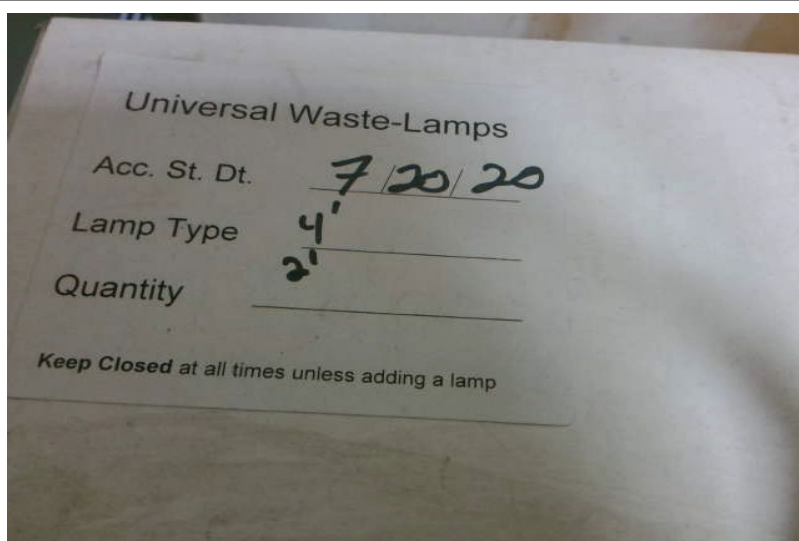
Jon Jones

South end of the building/Area beside door leading out to the covered storage area (outside)

No CBI

No PII

Close-up view of the label on the same box containing waste fluorescent lamps that has been in storage for greater than one year.



Observation_Image-
20210913123808388193531.jpg

09/13/2021 12:38 PM (AKT)

Jon Jones

South end of the building/Top of flammable storage cabinets

No CBI

No PII

View of a box containing eight-foot waste fluorescent lamps that is seen here on top of the yellow flammable storage cabinet. The waste lamps have been stored for greater than a year.



Observation_Image-202109131238233823178086.jpg	
09/13/2021 12:38 PM (AKT)	
Jon Jones	
South end of the building/Top of flammable storage cabinets	
No CBI	
No PII	
Observation_Image-202109131238313831145309.jpg	
09/13/2021 12:38 PM (AKT)	
Jon Jones	
South end of the building/Top of flammable storage cabinets	
No CBI	
No PII	
Close-up view of the label on the same box containing waste fluorescent lamps that has been in storage for greater than one year.	

Document Log

Document Type	Document Name	Contains CBI	Contains PII	Uploaded By	Date Received
Personnel Training	Hazardous Waste Management Initial Training.xlsx	No	No	Jon Jones	11/10/2021
Personnel Training	Hazardous Waste Management Refresher Training.xlsx	No	No	Jon Jones	11/10/2021
Personnel Training	Intro-to-Hazardous-Waste-Management_December-2017.pptx	No	No	Jon Jones	11/10/2021
Personnel Training	Refresher-Hazardous-Waste-Management_Sept-2019.pptx	No	No	Jon Jones	11/10/2021
Other - Building Directory	UAF Building Renumbering - Sheet1.pdf	No	No	Jon Jones	11/10/2021

Other - List of accumulation points	UAF waste pickup report.pdf	No	No	Jon Jones	11/10/2021
Process Description/Flow Diagram	215276-01-862-V201 PIPING AND INSTRUMENT DIAGRAM DUSTMASTER 40 TPH SII SYSTEM.pdf	No	No	Jon Jones	11/10/2021
Process Description/Flow Diagram	215276-01-E103-02 ASH HANDLING SYSTEM P&ID.pdf	No	No	Jon Jones	11/10/2021
Process Description/Flow Diagram	215276-01-E103-03 ASH HANDLING SYSTEM P&ID.pdf	No	No	Jon Jones	11/10/2021
Process Description/Flow Diagram	215276-01-E803-01 P&ID ASH HANDLING SYSTEM - ASH SILO - SHEET 1.pdf	No	No	Jon Jones	11/10/2021
Process Description/Flow Diagram	215276-01-E803-02 P&ID ASH HANDLING SYSTEM - ASH SILO - SHEET 2.pdf	No	No	Jon Jones	11/10/2021
Process Description/Flow Diagram	215276-01-E803-03 P&ID ASH HANDLING SYSTEM - ASH SILO - SHEET 3.pdf	No	No	Jon Jones	11/10/2021
Process Description/Flow Diagram	215276-01-E810-08 EQUIPMENT ARRANGEMENT FLY ASH SILO.pdf	No	No	Jon Jones	11/10/2021
Process Description/Flow Diagram	B6075-0901 FMC COAL HANLDING P&ID SHEET 1 OF 3.pdf	No	No	Jon Jones	11/10/2021
Process Description/Flow Diagram	B6075-0902 FMC COAL HANDLING P&ID SHEET 2 OF 3.pdf	No	No	Jon Jones	11/10/2021
Process Description/Flow Diagram	B6075-0903 FMC COAL HANDLING P&ID SHEET 3 OF 3.pdf	No	No	Jon Jones	11/10/2021
Process Description/Flow Diagram	CHP.pdf	No	No	Jon Jones	11/10/2021
Other - Waste generated by month	UAF Monthly Waste Tally 2020.xlsx	No	No	Jon Jones	11/10/2021
Other - Waste generated by month	UAF Monthly Waste Tally 2021.xlsx	No	No	Jon Jones	11/10/2021
Other - Atkinson Bldg. - Response email to AOC's	UAF Utilities - EMAIL.pdf	No	No	Jon Jones	11/10/2021
Other - Atkinson Bldg. - RTC photo documentation	IMG_4082.JPG	No	No	Jon Jones	11/10/2021

Other - Atkinson Bldg. - RTC photo documentation	IMG_4083.JPG	No	No	Jon Jones	11/10/2021
Other - Atkinson Bldg. - RTC photo documentation	IMG_4084.JPG	No	No	Jon Jones	11/10/2021
Other - Atkinson Bldg. - RTC photo documentation	IMG_4085.JPG	No	No	Jon Jones	11/10/2021
Other - Atkinson Bldg. - RTC photo documentation	IMG_4087.JPG	No	No	Jon Jones	11/10/2021
Other - Atkinson Bldg. - RTC photo documentation	IMG_4091.JPG	No	No	Jon Jones	11/10/2021
Other - Atkinson Bldg. - RTC photo documentation	IMG_4093.JPG	No	No	Jon Jones	11/10/2021
Other - Atkinson Bldg. - RTC photo documentation	IMG_4230.JPG	No	No	Jon Jones	11/10/2021
Other - Atkinson Bldg. - Waste pick-up request	UAF Utilities Waste Pickup request.xlsx	No	No	Jon Jones	11/10/2021
Other - Duckering Bldg. - Response email to AOC's	UAF Duckering Building - EMAIL.pdf	No	No	Jon Jones	11/10/2021
Other - Duckering Bldg. - RTC photo documentation	IMG_3905.JPG	No	No	Jon Jones	11/10/2021
Other - Duckering Bldg. - RTC photo documentation	IMG_3907.JPG	No	No	Jon Jones	11/10/2021
Other - Duckering Bldg. - RTC photo documentation	IMG_4185.JPG	No	No	Jon Jones	11/10/2021
Other - Duckering Bldg. - RTC photo documentation	IMG_4186.JPG	No	No	Jon Jones	11/10/2021
Other - Duckering Bldg. - RTC photo documentation	IMG_4190.JPG	No	No	Jon Jones	11/10/2021
Other - Duckering Bldg. - RTC photo documentation	IMG_4219.JPG	No	No	Jon Jones	11/10/2021

Other - Duckering Bldg. - Waste inventory	Duckering Waste Inventory.xlsx	No	No	Jon Jones	11/10/2021
Other - ELIF Bldg. - Waste inventory	ELIF 211 Suite Waste Inventory.xlsx	No	No	Jon Jones	11/10/2021
Other - ELIF Bldg. - Response email to AOC's	UAF ELIF Building - EMAIL.pdf	No	No	Jon Jones	11/10/2021
Other - ELIF Bldg. - RTC photo documentation	IMG_4201.JPG	No	No	Jon Jones	11/10/2021
Other - ELIF Bldg. - RTC photo documentation	IMG_4203.JPG	No	No	Jon Jones	11/10/2021
Other - ELIF Bldg. - RTC photo documentation	IMG_4204.JPG	No	No	Jon Jones	11/10/2021
Other - ELIF Bldg. - RTC photo documentation	IMG_4216.JPG	No	No	Jon Jones	11/10/2021
Other - Farm Maintenance shop - Response email to AOC's	UAF Farm Maintenance Shop - EMAIL.pdf	No	No	Jon Jones	11/10/2021
Other - Farm Maintenance shop - RTC photo documentation	IMG_4127.JPG	No	No	Jon Jones	11/10/2021
Other - Farm Maintenance shop - RTC photo documentation	IMG_4129.JPG	No	No	Jon Jones	11/10/2021
Other - HMF Facility - Response email to AOC's	UAF HazMat Handling Facility - EMAIL.pdf	No	No	Jon Jones	11/10/2021
Universal Waste Disposal Receipts	UAF Lamp Shipments BOL.pdf	No	No	Jon Jones	11/10/2021
Other - HMF Facility - RTC photo documentation	IMG_4208.JPG	No	No	Jon Jones	11/10/2021
Other - HMF Facility - RTC photo documentation	IMG_4210.JPG	No	No	Jon Jones	11/10/2021
Other - HMF Facility - RTC photo documentation	IMG_4211.JPG	No	No	Jon Jones	11/10/2021

Other - HMF Facility - RTC photo documentation	IMG_4228.JPG	No	No	Jon Jones	11/10/2021
Other - HMF Facility - RTC photo documentation	UAF HMF Lamp Containers Closed l.pdf	No	No	Jon Jones	11/10/2021
Other - Murie Bldg. & Irving I Bldg. - Response email to AOC's	UAF Murie and Irving I Buildings - EMAIL.pdf	No	No	Jon Jones	11/10/2021
Other - Murie Bldg. & Irving I Bldg. - Waste inventory	Murie and Irving I Bldg Waste Inventory.xlsx	No	No	Jon Jones	11/10/2021
Other - Murie Bldg. & Irving I Bldg. - RTC photo documentation	IMG_4192.JPG	No	No	Jon Jones	11/10/2021
Other - Murie Bldg. & Irving I Bldg. - RTC photo documentation	IMG_4193.JPG	No	No	Jon Jones	11/10/2021
Other - Murie Bldg. & Irving I Bldg. - RTC photo documentation	IMG_4194.JPG	No	No	Jon Jones	11/10/2021
Other - Murie Bldg. & Irving I Bldg. - RTC photo documentation	IMG_4196.JPG	No	No	Jon Jones	11/10/2021
Other - Murie Bldg. & Irving I Bldg. - RTC photo documentation	IMG_4197.JPG	No	No	Jon Jones	11/10/2021
Other - Murie Bldg. & Irving I Bldg. - RTC photo documentation	IMG_4198.JPG	No	No	Jon Jones	11/10/2021
Other - Murie Bldg. & Irving I Bldg. - RTC photo documentation	IMG_4199.JPG	No	No	Jon Jones	11/10/2021
Other - Murie Bldg. & Irving I Bldg. - RTC photo documentation	IMG_4200.JPG	No	No	Jon Jones	11/10/2021
Other - Murie Bldg. & Irving I Bldg. - RTC photo documentation	IMG_4213.JPG	No	No	Jon Jones	11/10/2021
Other - Murie Bldg. & Irving I Bldg. - RTC photo documentation	IMG_4221.JPG	No	No	Jon Jones	11/10/2021
Other - Murie Bldg. & Irving I Bldg. - RTC photo documentation	IMG_4223.JPG	No	No	Jon Jones	11/10/2021

Other - O'Neill Bldg. - RTC photo documentation	IMG_4225.JPG	No	No	Jon Jones	11/10/2021
Other - O'Neill Bldg. - Response email to AOC's	UAF O'Neill Resources Building.pdf	No	No	Jon Jones	11/10/2021
Other - Reichardt Bldg. - Response email to AOC's	UAF Reichardt Building - EMAIL.pdf	No	No	Jon Jones	11/10/2021
Other - Reichardt Bldg. - Waste inventory	Reichardt Bldg Waste Inventory Final.xlsx	No	No	Jon Jones	11/10/2021
Other - Reichardt Bldg. - RTC photo documentation	IMG_4156.JPG	No	No	Jon Jones	11/10/2021
Other - Reichardt Bldg. - RTC photo documentation	IMG_4161.JPG	No	No	Jon Jones	11/10/2021
Other - Reichardt Bldg. - RTC photo documentation	IMG_4163.JPG	No	No	Jon Jones	11/10/2021
Other - Reichardt Bldg. - RTC photo documentation	IMG_4166.JPG	No	No	Jon Jones	11/10/2021
Other - Reichardt Bldg. - RTC photo documentation	IMG_4169.JPG	No	No	Jon Jones	11/10/2021
Other - Reichardt Bldg. - RTC photo documentation	IMG_4171.JPG	No	No	Jon Jones	11/10/2021
Other - Reichardt Bldg. - RTC photo documentation	IMG_4173.JPG	No	No	Jon Jones	11/10/2021
Other - Reichardt Bldg. - RTC photo documentation	IMG_4177.JPG	No	No	Jon Jones	11/10/2021
Other - Reichardt Bldg. - RTC photo documentation	IMG_4181.JPG	No	No	Jon Jones	11/10/2021
Inspection Reports	Field_Notes_AKD048679567v1.0.pdf	No	No	Jon Jones	11/10/2021