

**HAZARDOUS WASTE SECTION - COMPLIANCE BRANCH  
FILE TRANSMITTAL & DATA ENTRY FORM**

**Your Name:** Ernest Lawrence

**Facility ID Number:** NCD066299918

**Facility Name:** Appalachian State University

**Document Group:** General (G)     **Document Type:** G – Compliance Assistance Visit (CAV)

**Description for File (for CARA):** -No violations

**Date of Document:** 01/14/2016

**Author(s) of Document:** Ernest Lawrence

**Inspector ID #:** NC043

**Suborganization:** Western Region

**Comments for RCRAInfo:** No violations

**County (if not on report):** Watauga

**For Violations:**

**Enforcement Date:** [Click here to enter a date.](#)

**Docket Number:**

**Enforcement Type:**

**How many violations were there?**

**For IANOV or CO:** The facility is

**Outcome Measures for CSE for IANOV or CO:**

Waste Involved	Volume	Exposure Media (a, gw, sw, s)	Distance to Residences	Number of People involved	Distance to On-site wells	Distance to Off-site wells

**Violation #1:**

**Date Determined:** [Click here to enter a date.](#)

**Scheduled Return to Compliance:** [Click here to enter a date.](#)

**Actual Return to Compliance:** [Click here to enter a date.](#)

**Regulation Description:**

**Comment:**

**For CSE, Corrections to Violations were:**

**Violation #2:**

**Date Determined:** [Click here to enter a date.](#)

**Scheduled Return to Compliance:** [Click here to enter a date.](#)

**Actual Return to Compliance:** [Click here to enter a date.](#)

**Regulation Description:**

**Comment:**

**For CSE, Corrections to Violations were:**



*Environmental  
Quality*

PAT MCCRORY  
*Governor*

DONALD R. VAN DER VAART  
*Secretary*

## **RCRA INSPECTION REPORT**

### **Facility Address**

Appalachian State University  
Administration Building  
Boone, NC 28608

### **Facility Contact – Greg Bell**

Phone 828-262-7113 bellgl@appstate.edu

**EPA ID Number – NCD066299918**

**Inspector (s) – Ernest Lawrence**

**Date of Inspection – January 14, 2016**

**Last Inspection Date – June 23, 2004**

**Status - SQG**

**Inspection Type – CAV**

**Present at Inspection – Greg Bell, Ernest Lawrence**

### **Facility Description**

Appalachian State University is a major state university with a number of teaching and research labs in chemistry and biology. The university has about 18,000 undergraduate and 2,000 graduate students.

### **Wastes Generated (partial list)**

D022, D011, D008, D028, D029 – Lab packs  
F005 – Waste flammable liquid (hexane, acetone)  
D002 – Waste corrosive liquid (sulfuric acid, hydrochloric acid)  
D003 – Waste toxic solid  
D009 – Waste mercury compounds  
P075 – Waste toxic solid

### **Manifests**

Filled Out Correctly - Yes

Signed Copies – Yes



State of North Carolina | Environmental Quality  
1601 Mail Service Center | Raleigh, North Carolina 27699-1601  
919 - 707 - 8600

Transporters - Stericycle – MID985568021  
Republic Waste – Pad982861381  
Pollution Control Industries – IND 000 646 943  
Safety Kleen – SCR 000 074 591

TSDF's- Stericycle – MID985568021  
Republic waste – PAD000052404  
Pollution Control Industries – IND 000 772 186  
Safety Kleen – NCD 000 648 451

### **Storage Areas -**

CAP Building – Room 126 – Waste from the Chemistry Department. There were about 20 containers. They were closed, labeled.

Stock Room Staging Area - There were about 30 containers that ranged from 1 quart to 30 gallon. The earliest date was 12/28/15.

Old Rankin Science Building – Room 418 – Waste from the Biology Department. There were about 40 containers of various sizes ranging from 1-qt to 1-gallon. They were stored in two flammable cabinets.

Containers labeled “Hazardous Waste”? – Yes.

Containers dated when accumulation began? – Not all containers were marked with a starting accumulation date in the Room 126 storage area and Stock Room storage area.

Containers compatible with waste? - Yes

Containers closed? – Yes.

Managing incompatible waste? -- Yes.

Containers in good condition and not leaking? – Yes

Adequate Aisle Space? – Yes

### **Required Equipment**

A telephone or two-way radio available at the scene of operation to summon emergency assistance? – A communication device was available in all storage areas. Cell phones were being used.

Fire extinguishers and fire control equipment, spill control and decontamination equipment? – Spill control equipment was available.

Adequate water volume and pressure to supply fire hoses, sprinkler, or water spray systems?—Yes

### **Inspection Records**

Weekly inspections of the hazardous waste storage area were being made, but had only recently been started.

### **Satellite Accumulation Areas – CAP Building**

Satellite accumulation areas were observed in several labs. Most of these were 1-quart to 1-gallon containers under a hood. In the instrumentation lab several containers were attached to instrumentation. Some of these were not fully closed and must be better secured.

Organic Balance Room (Room 418). Waste is accumulated in containers in a locked room adjacent to two teaching labs. The containers are managed as satellite containers since they are near the point of generation. The facility must ensure less than 55-gallons is stored in satellite areas.

**Emergency Coordinator on premises or on call at all times?** – Yes.

**Contingency Plan – Information posted next to the telephone**

Name and phone number of emergency coordinator? – Yes

Location of fire extinguishers, spill control equipment, and fire alarm? – No

Number to the fire department, unless there is a direct alarm? -- No

**Training**

The generator has ensured that all employees that are involved with the handling of hazardous waste are thoroughly familiar with proper waste handling and emergency procedures? – Yes

**Comments**

- The facility must ensure all containers in storage are marked with a starting accumulation date.
- Containers attached to instrumentation must be closed more securely.
- An inspection will be made after 30 days.



1/14/2016

Copy sent to facility

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RCRA Inspector

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Date

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Facility Contact