

STATE OF MISSISSIPPI

PHIL BRYANT GOVERNOR

MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY

TRUDY D. FISHER, EXECUTIVE DIRECTOR

September 26, 2012

Mr. Edward Movitz University Of Mississippi, The PO Box 1848 University, MS 38677-1848

Dear Mr. Movitz:

Re:

Inspection Report

University Of Mississippi, The

Oxford, Mississippi Lafayette County

Air-Title V Operating Permit No. 1420-00021

Hazardous Waste-EPA ID Permit No. MSD981865470

Enclosed is a copy of the Title V and Hazardous Waste inspection reports completed as a result of this office's inspection at the University Of Mississippi on July 18, 2012. The reports should be used by you as a guide for complying with requirements and limitations stated in your permits. No problems were noted during either inspection.

Thank you for the cooperation extended to MDEQ during this site visit. Please note that MDEQ site investigations by definition do not take into consideration all aspects of a facility's compliance with environmental regulations. Additional credible information, such as emissions monitoring reports or a more detailed inspection of the facility, may indicate the existence of other violations. Site investigations should be regarded as one important element of MDEQ's compliance assurance program but not as a definitive statement of facility compliance with all environmental permit requirements, environmental laws, regulations, and/or statutes, especially those not specifically discussed herein.

If you have any questions concerning this matter, please contact me at (601) 961-5578.

Sincerely,

Thomas Tynes

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Energy and Transportation Branch

Environmental Compliance and Enforcement Division

Agency Interest No. 13427 INS20120001



Mississippi Department of Environmental Quality Office of Pollution Control Hazardous Waste Compliance Inspection Report

Site Name: University Of Mississippi, The

EPA ID Number: MSD981865470

Physical Address

Mailing Address

Airport Road

PO Box 1848

Oxford, MS 38655

University, Mississippi 38677

Lafayette County

Evaluation Type: Compliance Evaluation Inspection

Date of Evaluation: 7/18/2012

Inspection Participants: Thomas Tynes, MDEQ

Robert Mills, MDEQ

Edward Movitz, University of Mississippi Shane Kesler, University of Mississippi

Purpose of Inspection

The purpose of this multimedia inspection was to determine the facility's compliance status with applicable Mississippi Hazardous Waste Management Regulations (MHWMR) and Title V Permit No. 1420-00021.

Facility Description

The University of Mississippi is a public university located in Oxford. The University provides undergraduate, graduate and research education.

The University generates various types of hazardous waste from teaching and research laboratories. The University also generates waste when cleaning laboratories and discarding outdated chemicals. The University generates greater than 1000 kilograms of hazardous waste per calendar month. Therefore, it is a Large Quantity Generator.

Inspection Summary

Upon arrival, we met with Mr. Ron Huckaby to perform the Title V inspection. See the Title V inspection report for details.

Next, we met with Mr. Ed Movitz and Mr. Shane Kesler. I informed them that we were there to conduct a routine hazardous waste compliance evaluation inspection and that this inspection would consist of a records review and site investigation.

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Agency Interest No. 13427 INS20120001 We started with the records review. Mr. Movitz provided copies of the Hazardous Waste manifests, land ban notifications, employee training records, hazardous waste determinations, annual and biennial reports and the contingency plan. No issues were noted during the records review.

Next, we proceeded with the site investigation. We inspected the 90 day storage area as well as the chemistry and pharmaceutical laboratories. Mr. Movitz informed me that 90% of the University's hazardous waste is solvents. He also stated that Tradebe Environmental Services picks up approximately fifteen (15) drums (55 gallons each) of hazardous waste on a frequency less than 90 days. The inspection was conducted on July 18, 2012 and Tradebe's most recent pickup occurred on July 13, 2012. The University has a single 90 day storage area located directly behind the Health and Safety Building. All hazardous waste located at the 90 day storage area was in a closed container and correctly labeled. No drums were older than 90 days. Mr. Movitz said the University has numerous satellite accumulation areas, so we picked two laboratories for inspection. The hazardous waste containers observed at the satellite accumulation areas were in secondary containment, closed and well labeled as hazardous waste. No issues were noted during the site investigation.

Conclusions

No violations were noted during the inspection. Records, 90 day storage area and satellite storage areas appeared maintained and well operated.

Signature:	Thomis Tynes	Date: 9/24/2012	
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Photos / Other Attachments 90 Day Storage Area – Cell 1



Typical Hazardous Waste Label on Drum



Container labeled as Hazardous Waste (located at satellite accumulation area)



Hazardous Waste Weekly Inspection Log



Hazardous Waste Label



Satellite Accumulation Area





Mississippi Department of Environmental Quality Office of Pollution Control Air Compliance Inspection Report

Site Name: University Of Mississippi, The

Energy and Transportation Branch

Permit Number(s): Air-Title V Operating Permit No. 1420-00021

AFS ID: 2807100003

Physical Address

Airport Road

Oxford, MS 38655

Lafayette County

Mailing Address

PO Box 1848

University, Mississippi 38677

Evaluation Type: Compliance Evaluation Inspection - Title V

Date of Evaluation: 7/18/2012

Inspection Participants: Thomas Tynes, MDEQ

Robert Mills, MDEQ

Ron Huckaby, University of Mississippi

Purpose of Inspection

The purpose of this multimedia inspection was to determine the facility's compliance status with applicable Mississippi Hazardous Waste Management Regulations (MHWMR) and Title V Permit No. 1420-00021.

Permit Status

The University of Mississippi was issued Title V Operating Permit No. 1420-00021 on September 19, 2011. The permit is set to expire on August 31, 2016.

Facility Description

The University of Mississippi is a public university located in Oxford. The University provides undergraduate, graduate and research education.

As it relates to the air inspection, the University of Mississippi has twenty one (21) permitted emission points. These emission points include two (2) 29.3 MMBTU/HR Gas/Oil Fired Cleaver Brooks Boilers, one (1) 16.7 MMBTU/HR Gas/Oil Fired Cleaver Brooks Boiler, numerous small emergency generators that range in size from 15 KW to 500 KW, ten (10) 18.63 MMBTU/hr Diesel Fuel Electric Power Generators and three (3) 15,000 gallon No. 2 Distillate Above Ground Storage Tanks. Insignificant activities in the permit include boilers, hot water heaters, heaters, dryers, etc. The combined capacity of these units is equal to 218.22 MMBTU/hr with no unit greater than 10 MMBTU/hr.

Inspection Summary

Upon arrival, we met with Mr. Ron Huckaby to perform the Title V inspection. I informed him that we were there to conduct a routine Title V compliance evaluation inspection and that this inspection would consist of a records review and site investigation.

We began with the records review. Mr. Huckaby was able to provide a copy of the current permit, the annual compliance certification for 2011 and the semiannual monitoring report for the second quarter of 2011. Since the permit was issued on September 19, 2011, these are the only records the facility was required to keep. No issues were noted during the records review.

Next, we performed the site investigation. Mr. Huckaby took us around the campus and showed us the three (3) boilers, ten (10) electric power generators, three (3) above ground diesel storage tanks and seven (7) of the emergency generators. One of the boilers is currently out of service. The University plans on installing new, smaller and more efficient boilers that will come on line next year. No fugitive emissions or un-permitted emission points were observed. No issues were noted during the site investigation.

Once the Title V inspection was complete, we met with Mr. Edward Movitz and Mr. Shane Kesler to perform the Hazardous Waste Inspection. See the Hazardous Waste report for details.

Conclusions

No violations were noted during the inspection. Records appeared satisfactory and emission points appeared well maintained.

Signature:	Thomas Tyais	Date:	9/26/2012
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Photos / Other Attachments
Natural Gas or Fuel Oil Boilers



Diesel Fuel-Fired Electric Power Generators



Diesel Storage Tanks



Emergency Generators

