

Hazardous Waste Section
File Room Document Transmittal Sheet

17

Your Name: Ernest Lawrence
EPA ID: N C D 0 4 9 6 4 1 9 6 2
Facility Name: Marshallton Research Laboratories
Document Group: Inspection/Investigation (I)
Document Type: Compliance Evaluation Inspection (CEI)
Description: CEI for Marshallton Research Laboratories
Date of Doc: 6/11/2014
Author of Doc: Ernest Lawrence

File Room Use Only

NCD049641962

Date Recieved by File Room:

Month	Day	Year

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Hazardous Waste Compliance Date Entry Form - Side A

EPA ID Number NCD049641962

Facility Name Marshallton Research Laboratories

Street: 6360 Richmond Drive

Phone (336) 983-2131

City: Tobaccoville, NC 27050

County Forsyth

EVALUATION DATA **New: X** **Change:** **Delete:**

Date: 6/11/2014 Evaluation Type CEI
 Date: Evaluation Type

Inspector ID # 043 Reason:

Evaluation Comments

No violations

SNC DETERMINATION: If this evaluation resulted in a SNC determination, fill in this block. (NOTE: SNC determinations are SNY/SNN evaluations. The SNY/SNN evaluation can also be submitted later on a separate form.)

Facility is (Check one) Docket #
 - a SNC (SNY evaluation) _____
 - no longer a SNC (SNN eval.) _____

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

0 Date Determined

_____ Person:: _____

Return to Compliance:

Scheduled *Actual*

Reg.Description None

Comment:

0 Date Determined

_____ Person:: _____

Return to Compliance:

Scheduled *Actual*

Reg.Description None

Comment:

0 Date Determined

_____ Person:: _____

Return to Compliance:

Scheduled *Actual*

Reg.Description None

Comment:

0 Date Determined

_____ Person:: _____

Return to Compliance:

Scheduled *Actual*

Reg.Description None

Comment:



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

RCRA INSPECTION REPORT

Facility Address

Marshallton Research Laboratories
6360 Richmond Drive
Tobaccoville, NC 27050

Facility Contact – Dr. Arthur Foster, Director (336-983-2131)
Brian Allen, Chemist

EPA ID Number –NCD049641962

Inspector (s) – Ernest Lawrence

Date of Inspection – June 11, 2014

Present at Inspection – Brian Allen, Ernest Lawrence

Last Inspection Date – January 14, 2011

Status – The facility usually operates as a SQG. It recently re-notified as a LQG to clean out excess inventory in December 2010. The facility was operating as a SQG at the time of inspection in January and plans to make a subsequent notification as a SQG.

Inspection Type – CEI

Facility Description

Marshallton Research Laboratories is a private R&D lab that synthesizes organic intermediates for government and private research labs. The facility consists of one laboratory building, one office building, and a shed for product chemicals. There are six employees.

Distance to closest residence	¼ mile
Distance to closest off-site well	>1 mile
Water supply	City water
Sewage	Septic Tank
Operating shifts	1
Number of employees	6
Acreage	estimated 2 acres

Hazardous Wastes Generated

D022, F002, D002 – Waste flammable liquid (acetone, hexane)
F002 – Waste caustic alkali liquids
F002 – Hazardous waste liquid (methylene chloride)

D022, F002, F008 - Waste flammable liquid – (acetone, hexane, chloroform)

D001, F002, F003 – Waste flammable liquid (hexane, acetone)

D002, D022, F002 – Waste corrosive liquid

Non-hazardous Wastes Generated

Aqueous neutral waste stream with potassium carbonate

Manifests

Filled Out Correctly? - Yes

Signed Copies? – Yes

LDR Notification Attached? - Yes

Transporters - Ecoflo – NCD980842132

TSDF's- Ecoflo – NCD980842132

Storage Area – The facility stores hazardous waste in a covered area just outside the lab. Part of the area is used to store product chemicals. There were four 55-gallon storage containers of hazardous waste at the time of inspection.

Containers labeled “Hazardous Waste”? – Yes

Containers dated when accumulation began? – Yes. The earliest starting accumulation date was 5/8/2014.

Containers compatible with waste? – Yes

Containers closed? – Yes

Managing incompatible waste? – Yes

Containers in good condition and not leaking? – Yes

Adequate aisle space – Yes

A telephone or two-way radio available at the scene of operation to summon emergency assistance? – Yes

Spills? – No spills were observed.

Inspection Records

Weekly inspections of the hazardous waste storage area were being recorded.

Satellite Accumulation Areas in the Lab

Three satellite accumulation areas were observed. One was located at the end of the work bench and consisted of an 8-gallon container with a funnel. The second consisted of two 2-liter flasks on a bench. The third was a 5-gallon container for waste oil.

Closed? – Yes

Labeled/Contents Identified? – Yes

Less than 55 gallons? – Yes.

Spills? –None.

Emergency coordinator on premises or on call at all times? – Yes

Emergency arrangements made with fire, police, hospital, and emergency responders? – 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? – Yes.

Number to the fire department, unless there is a direct alarm? – Yes.

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. The facility provides annual RCRA training to all employees.

Site Deficiencies

None



6/11/14

Copy sent to facility

RCRA Inspector

Date

Facility Contact