

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

Your Name: Phil Orozco
Facility ID Number: NCR000139105
Facility Name: Cirrus Pharmaceuticals, Inc.

Document Group: Inspection/Investigation (I)
Document Type: I – Compliance Schedule Evaluation (CSE)
Description for File (for CARA): All Violations have been corrected. SQG TNOV #2016-015 was issued as a result of the CEI on 12/16/15.
Date of Document: 2/18/16
Author(s) of Document: Phil Orozco

Inspector ID #: NC018 **Suborganization:** Eastern Region
Comments for RCRAInfo: All Violations have been corrected. SQG - TNOV #2016-015 was issued as a result of the CEI on 12/16/15.
County (if not on report): DURHAM

For Violations:

Enforcement Date: 1/7/2016 **Docket Number:** 2016-015
Enforcement Type: TNOV **How many violations were there?** 4
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: 12/16/2015
Scheduled Return to Compliance: 2/15/16 **Actual Return to Compliance:** 2/18/16

Regulation Description: 15A NCAC 13A .0110(c)

Comment: Failed to maintain a 24" aisle space in the hazardous waste storage area.

For CSE, Corrections to Violations were: Observed.

Violation #2:

Date Determined: 12/16/2015

Scheduled Return to Compliance: 2/15/16 **Actual Return to Compliance:** 2/18/16

Regulation Description: 262.34(d)(4) - 262.34(a)(2)

Comment: Failed to mark an accumulation start date on thirteen 5-gallon white poly containers, three 55-gallon poly drums and two 30-gallon poly drums.

For CSE, Corrections to Violations were: Observed.

Violation #3:

Date Determined: 12/16/2015

Scheduled Return to Compliance: 2/15/16 **Actual Return to Compliance:** 2/18/16

Regulation Description: 262.34(d)(4) - 262.34(a)(3)

Comment: Failed to mark or label the words "Hazardous Waste" on thirteen 5-gallon white poly containers, three 55-gallon poly drums and two 30-gallon poly drums.

For CSE, Corrections to Violations were: Observed.

Violation #4:

Date Determined: 12/16/2015

Scheduled Return to Compliance: 2/15/16 **Actual Return to Compliance:** 2/18/16

Regulation Description: 40 CFR 273.13(d)(1)

Comment: Failed to close one box holding used lamps in the 180-day hazardous waste storage room.

For CSE, Corrections to Violations were: Observed.

**NORTH CAROLINA
DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF WASTE MANAGEMENT
HAZARDOUS WASTE SECTION**

COMPLIANCE SCHEDULE EVALUATION (CSE) REPORT

DOCKET # 2016-015

1. FACILITY INFORMATION:

Name: **Cirrus Pharmaceuticals, Inc.**
EPA ID Number: **NCR000139105**
Type of Facility: Small Quantity Generator (SQG)
Facility Location: 511 Davis Drive – Ste. 100
Durham, NC 27713
Telephone Number: 919-884-2064

2. FACILITY CONTACT(S): Chris Abbott 919-321-4051 chris.abbott@cirruspharm.com

3. SURVEY PARTICIPANTS: Chris Abbott and Phillip Orozco, Environmental Senior Specialist,

4. DATE OF INSPECTION: **February 18, 2016**

5. PURPOSE OF INSPECTION:

This evaluation was a follow-up inspection conducted in order to confirm compliance with Notice of Violation (NOV), Docket #2016-015 issued on 1/7/16. The NOV was issued subsequent to a RCRA compliance inspection conducted on 12/16/15.

6. FACILITY DESCRIPTION:

Refer to the previous inspection report.

7. HAZARDOUS WASTE (HW) STREAMS INCLUDE:

Refer to the previous inspection report.

8. VIOLATION(S) as stated in the subject NOV:

- i. **15A NCAC 13A .0110(c)** states that a the generator must maintain a 24” aisle space to allow for the unobstructed movement of personnel, fire prevention equipment, spill control equipment, and decontamination equipment between containers in the 180-day hazardous waste storage area. Cirrus Pharmaceuticals, Inc. (Cirrus) failed to maintain a 24” aisle space in an area that held thirteen 5-gallon white poly containers, three 55-gallon poly drums and two 30-gallon poly drums.

Corrective Action: Upon inspection, the arrangement of hazardous waste containers was improved and a 24” aisle space was being maintained.

- ii. **40 CFR 262.34(d)(4) - 262.34(a)(2)** states that a generator who generates greater than 100 kilograms but less than 1000 kilograms of hazardous waste in a calendar month may accumulate hazardous waste on-site for 180 days or less without a permit provided that the date upon which each period of accumulation begins is clearly marked and visible for inspection on each container. Cirrus failed to mark an accumulation start date on thirteen 5-gallon white poly containers, three 55-gallon poly drums and two 30-gallon poly drums. The containers were located in the 180-day hazardous waste storage area. The containers held lab-packed hazardous waste.

Corrective Action: Upon inspection, all containers holding hazardous waste containers were clearly marked with a start date.

- iii. **40 CFR 262.34(d)(4) - 262.34(a)(3)** states that while being accumulated on-site, each container and tank must be labeled or marked clearly with the words, "Hazardous Waste". Cirrus failed to mark or label the words "Hazardous Waste" on thirteen 5-gallon white poly containers, three 55-gallon poly drums and two 30-gallon poly drums. The containers were located in the 180-day hazardous waste storage area. They are the same containers described above that held lab-packed waste.

Corrective Action: Upon inspection, all containers holding hazardous waste containers were marked with the words "Hazardous Waste".

- iv. **40 CFR 273.13(d)(1)** states that a small quantity handler of universal waste must contain used lamps in containers or packages that are structurally sound. Such containers and packages must remain closed. Cirrus failed to close one box holding used lamps in the 180-day hazardous waste storage room.

Corrective Action: In compliance with the rules

10. CONCLUSION:

A written certification/statement from Cirrus indicating that compliance had been met was received by this office via email on 2/12/16. The certification and the supporting documentation indicated that all violations had been corrected. The inspection confirmed this fact.

Cirrus Pharmaceuticals, Inc. is deemed in compliance with NOV Docket #2016-015.

No further action in response to this NOV is required.


Phillip G. Orozco

Environmental Senior Specialist, NCDEQ

Date: March 15, 2016

DWM - NCDEQ
1646 Mail Service Center
Raleigh, NC 27699
919-212-2501

Orozco, Phil

From: Chris Abbott <chris.abbott@cirruspharm.com>
Sent: Friday, February 12, 2016 4:35 PM
To: Orozco, Phil
Cc: Jon Bernardina
Subject: Cirrus Update
Attachments: IMG_20160212_161944.jpg; IMG_20160212_161958.jpg; IMG_20160212_162015.jpg; IMG_20160212_162033.jpg; IMG_20160212_162053.jpg

Phil,
We have addressed all the violations noted in your report. We look forward to your re-inspection. You can ask for me when you arrive.
Attached are pics taken of the waste room showing our remediation.
Thanks,
Chris

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Chris Abbott

Scientist II

Cirrus – a Kernwell company

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Cirrus Pharmaceuticals, Inc.
NCR000139105
2/12/16 – Pictures of Corrective Actions



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