

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

Your Name: J. Sean Morris

Facility ID Number: NCD047285598

Facility Name: Carolina Solvents, Inc.

Document Group: Inspection/Investigation (I) **Document Type:** I - Compliance Schedule Evaluation (CSE)

Description for File (for CARA): Follow-Up Inspection

Date of Document: 8/4/2015

Author(s) of Document: J. Sean Morris

Inspector ID #: NC046

Suborganization: Western Region

Comments for RCRAInfo: Follow-Up Inspection

County (if not on report): Catawba

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: 5/7/2015

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

Actual Return to Compliance: 8/4/2014

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

Comment:

For CSE, Corrections to Violations were: Observed

Violation #2:

Date Determined: 5/7/2015

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

Actual Return to Compliance: 8/4/2014

Regulation Description: 40 CFR 262.11

Comment:

For CSE, Corrections to Violations were: Observed

Violation #3:

Date Determined: 5/7/2015

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

Actual Return to Compliance: 8/4/2014

Regulation Description: 40 CFR 262.34 (a)(4) - 40 CFR 265.16 (c)

Comment:

For CSE, Corrections to Violations were: Observed

Violation #4:

Date Determined: 5/7/2015

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

Actual Return to Compliance: 8/4/2014

Regulation Description: 40 CFR 262.34 (a)(4) - 40 CFR 265.52 (f)

Comment:

For CSE, Corrections to Violations were: Observed



**NORTH CAROLINA DEPARTMENT OF ENVIRONMENT & NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT
HAZARDOUS WASTE SECTION (HWS) / COMPLIANCE BRANCH**

RCRA FOLLOW-UP INSPECTION REPORT

1. **Facility Information:** Carolina Solvents, Inc.
2274 1st Street SE
Hickory, NC 28602
NCD 047 285 598, LQG

P.O. Box 9206
Hickory, NC 28603
2. **Facility Contact:** Ms. Jacqueline Yoder, Carolina Solvents-Chemist & General Manager
828.267.8428
3. **Inspector:** Mr. Sean Morris, HWS-Environmental Senior Specialist
4. **Survey Participants:** Ms. Jacqueline Yoder, Carolina Solvents-Chemist & General Manager
5. **Date/Time of Inspection:** August 4, 2015 / Arrived: 12:30pm Departed: 3:00pm

Date of Report: August 7, 2015 – Prepared By: Sean Morris
6. **Purpose of Inspection:** To Determine Compliance with Notice of Violation, Docket #2015-041
7. **Report:**

On August 4, 2015 I conducted a compliance schedule evaluation (CSE) at Carolina Solvents, Inc. located in Hickory, NC. The CSE was conducted to determine compliance with Notice of Violation (NOV), Docket #2015-0041, which was issued for deficiencies cited during a May 7, 2015 compliance inspection. I met with Ms. Jacqueline Yoder at the time of the re-inspection.

During the re-inspection we reviewed each deficiency cited on the NOV and based on documentation presented by Ms. Yoder and, observations made during a facility tour, all deficiencies have been corrected.

8. **Site Deficiencies & Corrective Action (Listed in Bold):**

- A. 15A NCAC 13A .0107(d).** Pursuant to this administrative code 40 CFR 262.40 through 262.44 (Subpart D), "Recordkeeping and Reporting," are incorporated by reference including subsequent amendments and editions. In addition, a generator shall keep records of inspections and results of inspections required by §262.34 for at least three years from the date of the inspection.

Carolina Solvents, Inc. is in violation of this regulation in that the facility's weekly hazardous waste storage area inspection log indicated that the most recent inspection was documented on April 20, 2015, which indicates 16-days since the last documented inspection. The inspection records also indicated that inspections were not documented between December 23, 2014 and January 5, 2015 (12-days between inspections).

Carolina Solvents, Inc. has corrected this violation in that additional personnel will be designated to perform weekly inspections. Ms. Yoder explained that inspections were not conducted during the facility shut-down in December 2014 but inspections will be conducted during future shut-downs when hazardous waste containers are in storage. Ms. Yoder also explained that an inspection was conducted on April 28, 2015 but the inspection had not been written onto the checklist as of the time of the inspection.

- B. 40 CFR 262.11, adopted by reference at 15A NCAC 13A .0107.** Pursuant to this regulation a person who generates a solid waste, as defined in 40 CFR 261.2, must determine if that waste is a hazardous waste using the following method: (a) He should first determine if the waste is excluded from regulation under 40 CFR 261.4. (b) He must then determine if the waste is listed as a hazardous waste in Subpart D of 40 CFR Part 261. Note: Even if the waste is listed, the generator still has an opportunity under 40 CFR 260.22 to demonstrate to the Administrator that the waste from his particular facility or operation is not a hazardous waste. (c) For purposes of compliance with 40 CFR part 268, or if the waste is not listed in subpart D of 40 CFR part 261, the generator must then determine whether the waste is identified in subpart C of 40 CFR part 261 by either: (1) Testing the waste according to the methods set forth in Subpart C of 40 CFR Part 261, or according to an equivalent method approved by the Administrator under 40 CFR 260.21; or (2) Applying knowledge of the hazard characteristic of the waste in light of the materials or the processes used. (d) If the waste is determined to be hazardous, the generator must refer to Parts 261, 264, 265, 266, 267, 268, and 273 of this chapter for possible exclusions or restrictions pertaining to management of the specific waste.

Carolina Solvents, Inc. is in violation of this regulation in that there was not any information or documentation was available at the time of the inspection to demonstrate that a proper hazardous waste determination has been conducted on used wipes, which were being managed as excluded solvent contaminated wipes at the time of the inspection. Carolina Solvents, Inc. must be able to demonstrate that used wipes, which will be managed under the exclusion, are contaminated with only solvents as intended by the exclusion. Specifically, the used wipes must not carry a hazardous waste characteristic for any of the RCRA metals.

Carolina Solvents, Inc. has corrected this violation in that two red satellite accumulation containers have been established for collection of used wipes that may be contaminated with chromium. These wipes will be placed into a 55-gallon container within the facility's storage area and managed as hazardous waste. Ms. Yoder also explained that the facility's waste cleaning solvent is currently being re-profiled to remove the D008 waste code as lead containing products are no longer used in production. Used wipes generated in other areas of the facility will continue to be managed as excluded solvent wipes.

Carolina Solvents, Inc. is also in violation of this regulation in that Ms. Yoder explained that the facility disposes of low mercury containing fluorescent lamps as non-hazardous waste but based on the used fluorescent lamps observed within the B&B Building not all of the lamps observed were low mercury. Additionally, facility personnel explained that the facility also generates used HID lamps on occasion and disposes of those lamps as solid waste. There was not any information or documentation available at the time of the inspection to demonstrate that a proper hazardous waste determination has been conducted on used lamps and no records were available indicating that used lamps have ever bent sent for recycling/managed as universal waste.

Carolina Solvents, Inc. has corrected this violation in that used lamps are now being managed as universal waste, which will be managed by Veolia Environmental. There were two boxes of used lamps & one 5-gallon container of used batteries located in the Ball Mill Building at the time of the re-inspection. A universal waste accumulation area has been established within the building. Ms. Yoder explained that universal waste training will also be provided to appropriate personnel.

- C. **40 CFR 262.34 (a)(4)**. Pursuant to this regulation except as provided in paragraphs (d), (e), and (f) of this section, a generator may accumulate hazardous waste on-site for 90 days or less without a permit or without having interim status, provided that: The generator complies with the requirements for owners or operators in subparts C and D in 40 CFR part 265, with §265.16, and with all applicable requirements under 40 CFR part 268.

1. **40 CFR 265.16 (c), adopted by reference at 15A NCAC 13A .0110**, states that facility personnel must take part in an annual review of the initial training required in paragraph (a) of this section.

Carolina Solvents, Inc. is in violation of this regulation in that more than one year has passed since the most recent hazardous waste training event. Hazardous waste training documents indicated that training was last provided to fifteen employees on December 30, 2013.

Carolina Solvents, Inc. has corrected this violation in that Ms. Yoder presented the required annual training to seventeen employees on May 14, 2015. Ms. Yoder is also continuing to expand the RCRA training program as recommended.

- D. **40 CFR 262.34 (a)(4)**. Pursuant to this regulation except as provided in paragraphs (d), (e), and (f) of this section, a generator may accumulate hazardous waste on-site for 90 days or less without a permit or without having interim status, provided that: The generator complies with the requirements for owners or operators in subparts C and D in 40 CFR part 265, with §265.16, and with all applicable requirements under 40 CFR part 268.

1. **40 CFR 265.52 (f), adopted by reference at 15A NCAC 13A .0110**, states that the plan must include an evacuation plan for facility personnel where there is a possibility that evacuation could be necessary. This plan must describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes (in cases where the primary routes could be blocked by releases of hazardous waste or fires).

Carolina Solvents, Inc. is in violation of this regulation in that the facility's hazardous waste contingency plan did not include an evacuation plan as required.

Carolina Solvents, Inc. has corrected this violation in that the facility's evacuation plan is part of the facility contingency plan. Ms. Yoder is also planning to meet with local authorities to discuss specific evacuation routes away from the property. The facility is surrounded by steep terrain and has only one vehicle entrance/exit road. Additional modification of the facility's evacuation plan will be needed after input from local emergency management personnel.

J. SEAN MORRIS, / DATE
NC HWS-COMPLIANCE BRANCH

**SENT BY US MAIL
FACILITY REPRESENTATIVE**

cc:
Brent Burch, Western Area Compliance Supervisor
Central Office Files
Jacqueline Yoder, Carolina Solvents, Inc.