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

Your Name: Jeff Menzel
Facility ID Number: NCS000000479
Facility Name: Carlton Land Trust/Former Smoke Rise Gun Club
Document Group: Inspection/Investigation (I) **Document Type:** I - ~~Focused Compliance~~ Inspection (FCI)
Description for File (for CARA): ~~FCI~~ no violations
Date of Document: 4/27/2016
Author(s) of Document: Jeff Menzel

Inspector ID #: NC014 **Suborganization:** Western Region

Comments for RCRAInfo: ~~FCI~~ with no violations noted Attachment II monitoring for land use restrictions

County (if not on report): Jackson

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Governor

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Director

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENTAL QUALITY
DIVISION OF WASTE MANAGEMENT – HAZARDOUS WASTE SECTION

RCRA INSPECTION REPORT

1. Facility Information: The Former Smoke Rise Gun Club
2259 Breedlove Road,
Glenville, NC, 28736
State Issued EPA ID#: NCS000000479

2. Facility Contact: Pat Carlton, 828-508-6536, carlton.pat@gmail.com

3 HWS-Inspectors: Jeff Menzel, Sean Morris, Heather Goldman, Brent Burch, Mark Wilkins, Brian Polk.

4. Date of Investigation: April 27, 2016
Date of Report: May 27, 2016 - Prepared By: Jeff Menzel

5. Purpose of Inspection: Stream Sampling & Land Use Restriction (LUR) Review

6. Site Background:

The Carlton Land Trust (CLT) owns portions of the property located at 2559 Breedlove Road, Glenville in Jackson County, North Carolina. The Former Smoke Rise Field Club, Inc. operated an onsite trap shooting range, a skeet shooting range and a handgun shooting embankment for approximately 18 years.

The former Smoke Rise Gun Club was initially issued Immediate Action Notice of Violation (IANOV), Docket #2006-214, as a result of an inspection conducted on September 9, 2006. An Environmental Investigation Report was prepared by LFR Inc., on behalf of the Carlton Land Trust and Mr. Gregory Ward, President of Trillium Golf and Links LLC. The report, dated September 19, 2007, indicated that soil samples collected on August 26, 2007, from the shooting range areas, exceeded soil screening levels (SSL) for lead. The analytical results indicated lead levels as high as 362,000 ppm, which is over the 270 ppm SSL limit. Arsenic, cadmium and chromium were also detected above site specific standards (background). Stream water and stream water sediment were sampled and showed lead levels exceeding the EPA Region IV, Waste Management Division, Sediment Screening Value of 30.2ppm and the North Carolina Division of Water Quality, Standards for Freshwater Classification limit of 25ppb.

7. Stream Sampling:

During the April 27, 2016 visit, NC Hazardous Waste Section personnel performed surface water & sediment sampling at seven areas. Sample locations included the three stream/sediment locations on

Pack's Creek, which had been previously sampled in 2007. Another three samples were taken in the area of the pond adjacent to Pack's Creek Bridge. One of the samples was collected just downstream of the pond, the second sample was collected from the pond, the third sample was collected as a background sample, which was taken upstream from the pond. One additional sample was taken further down in the watershed just before the confluence with Robinson Creek.

8. LUR Review:

Carlton Land Trust own portions of the property where the Former Smoke Rise Gun Club had generated and managed hazardous waste. This waste became subject to all applicable requirements of 40 CFR Part 261, when the facility ceased to be used as a shooting range in 2004. At this time, Carlton Land Trust must maintain the established twenty-seven acre LUR, recorded for former shooting range areas, as described in the September 19, 2007 Environmental Investigation Report. During the April 27, 2016 visit, NC Hazardous Waste Section personnel visited the former shooting range areas and confirmed compliance with the existing LURs. The NC Hazardous Waste Section will continue to provide direction & oversight for ongoing site assessment activities.

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Jeff Menzel-Environmental Senior Specialist

N.C. Hazardous Waste Section /May 27, 2016

SENT VIA EMAIL

(Pat Carlton)

cc: Sean Morris, NC Hazardous Waste Section
Central Files