

**Energy and Environment Cabinet**  
**Kentucky Department for Environmental Protection**  
**Division of Waste Management**

**Activity:** CIN20160001 Inspection

**Lead Investigator:** Weems, George

**Agency Interest/Permit ID:** 998

**Agency Interest Name:** Advanced Disposal Services Blue Ridge Landf

**Agency Interest Address:** 2700 Winchester Rd

Irvine, KY 403369701

**Program:** Solid Waste

**County:** Estill

**Type of Agency Interest:** WASTE- Solid Waste Landfill (562212)

**Agency Interest Contact:**

**Title:**

**Phone:**

**Purpose:** Inspection

**Inspection Type:** SW CEI Landfill, Contained

**Inspection Date:** 02/10/2016

**Start Time:** 12:00 AM

**End Time:** 12:00 AM

**Latitude:** 37.72666700

**Longitude:** -83.98555600

**Coordinate Collection Method:**Decimal Degrees

**Incident ID(s):**

**General Comments:**

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After review of the waste documentation provided by the facility, it was determined that NORM/TENORM waste form Ohio was accepted and disposed of on various dates from July 2015 through November 2015. Based on the same documentation the facility accepted and disposed of 47 loads of the material.

All waste disposal manifests from January 1, 2015 through January 30, 2016 were requested during the inspection.

**Person(s) Interviewed:**

| <b>Name</b>  | <b>Organization</b> |
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| Billy Bowles | Advanced Disposal   |

Status/Comments:

ACTV7

| Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Status | Results or Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| Have the waste source and quantity amounts been submitted with the quarterly report?. [401 KAR 47:190 Section 8(1)(b)]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | V      | <b>Although the facility has corrected the reports, at the time of this inspection, Blue Ridge Landfill's quarterly Waste Quantity Reports reflected that the 47 loads of TENORM mentioned above were disposed as alternate daily cover. Blue Ridge Landfill is not authorized any alternate daily cover.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Any person possessing or controlling a hazardous substance, pollutant, or contaminant which is released to the environment, or any person who caused a release to the environment of a hazardous substance, pollutant, or contaminant, shall characterize the extent of the release as necessary to determine the effect of the release on the environment, and shall take actions necessary to correct the effect of the release on the environment. Any person required to take action under this subsection shall have the following options:<br>(a) Demonstrating that no action is necessary to protect human health, safety, and the environment;<br>(b) Managing the release in a manner that controls and minimizes the harmful effects of the release and protects human health, safety, and the environment, provided that the management may include any existing or proposed engineering or institutional controls and the maintenance of those controls;<br>(c) Restoring the environment through the removal of the hazardous substance, pollutant, or contaminant; or<br>(d) Any combination of paragraphs (a) to (c) of this subsection. [KRS 224.1-400(18)] | V      | <b>Blue Ridge Landfill failed to comply with provisions of KRS 224.1-100 (18) by failing to characterize a release/potential release of NORM/TENORM to the environment.</b><br><br><b>The landfill shall not disturb the area except to characterize it pursuant to 401 KAR 100:030.</b><br><br><b>Blue Ridge Landfill shall comply with all provisions of the attached Radiation Survey and Site Investigation guidance provided by the Cabinet for Family and Health Services. A comprehensive compliance plan shall be submitted to Jeff Cummins, Director, KY Department of Environmental Protection Enforcement Branch, within seven working days of the receipt of this Notice of Violation.</b>                                                                                 |
| Is the site operated and maintained to provide compliance with the permit?. [401 KAR 47:120 Section 1(1)]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | V      | <b>Based on waste disposal manifests provided by the facility, Blue Ridge Landfill accepted and disposed of 47 loads of an unpermitted NORM/TENORM waste from July 2015 through November 2015. Neither the facility's permit nor this KRS authorize low level radioactive waste to be disposed in a contained landfill located in Kentucky. Further, the facility's permit does not authorize any infringement of state laws or regulations.</b>                                                                                                                                                                                                                                                                                                                                       |
| Has a permanent record of the source, disposal location and quantity of any spill residues and limited quantity generator waste been compiled?. [401 KAR 47:190 Section 8(5)]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | V      | <b>The owner or operator of a contained landfill shall keep permanent records of the source, disposal location and quantity of any spill residues and limited quantity generator hazardous wastes, and records as to the source and quantity of all other wastes disposed of at the contained landfill. These records shall be available for cabinet inspection and shall be summarized in a report and submitted to the cabinet with the annual report or request for permit renewal.</b><br><br><b>A request to provide all waste disposal manifests from January 1, 2015 through January 30, 2016 to the Div of Waste Management was made during this inspection. To date, only manifests pertaining to particular TENORM-related entities have been submitted to the Division.</b> |

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- V - V-Out of Compliance-NOV
- C - C-No Violations observed
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| Requirement                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Status | Results or Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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