

Energy and Environment Cabinet  
Department for Environmental Protection  
Division of Waste Management  
Solid Waste Inspection Report

**AI ID:** 998      **AI Type:** WASTE- Solid Waste Landfill (562212)  
**AI Name:** Advanced Disposal Services Blue Ridge Landfill Inc  
**AI Address:** 2700 Winchester Rd  
**City:** Irvine, **State:** Kentucky **Zip:** 40336-9701  
**County:** Estill **Regional Office:** Frankfort Regional Office  
**Latitude:** 37.726667    **Longitude:** -83.985556  
**Site Contact:** Billy Bowles  
**Title:** Operations Manager  
**Inspection Type:** SW CEI Landfill, Contained **Activity #:** CIN20150005  
**Incident IDs:**  
**Inspection Start Date:** June 17, 2015 **Time:** 12:00 AM **End Date:** June 17, 2015 **Time:** 12:00 AM  
**Site/Permit ID:**

**Lead DEP Investigator:** George Weems  
**Other DEP Investigators:**  
**External Investigators:**  
**Persons Interviewed:** Billy Bowles

**General Comments:** Site was very well maintained at time of the inspection. No signs of erosion, leachate breakouts or loose litter. Truck wash station was functional though landfill roads were dry enough to not stick to the tires of vehicles using the facility.  
**Overall Compliance Status:** No Violations Observed

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**Investigation Results**

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**SI:** ACTV7 Contained Landfill

**SI Description:** SW: Contained Landfill

**Inspector Comment:**

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**Requirement:** Is the site operating under an unexpired permit?. [401 KAR 47:100 Section 1]

**Compliance Status:** C-No Violations observed

**Comment:** Expires 7/1/17.

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**Requirement:** Has an application for renewal been submitted at least 180 days before the expiration date of the effective permit?. [401 KAR 47:160 Section 5(2)]

**Compliance Status:** N-Not Applicable

**Comment:** Two years to expiration.

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**Requirement:** If the operating permit has expired and the site is continuing to operate, has the required renewal application been submitted?. [401 KAR 47:160 Section 5(1)]

**Compliance Status:** N-Not Applicable

**Comment:**

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**Requirement:** Is the site operated and maintained to provide compliance with the permit?. [401 KAR 47:120 Section 1(1)]

**Compliance Status:** C-No Violations observed

**Comment:**

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**Requirement:** Is a certified landfill operator and certified landfill manager present on-site during operating hours?. [401 KAR 47:070 Section 3(1)(b)]

**Compliance Status:** C-No Violations observed

**Comment:**

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**Requirement:** Have the site operators been adequately trained to properly operate and maintain the facility?. [401

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KAR 47:120 Section 1(5)]

**Compliance Status:** C-No Violations observed

**Comment:**

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**Requirement:** Have the required quarterly reports been compiled and submitted to the Division?. [401 KAR 47:190 Section 8(1)]

**Compliance Status:** C-No Violations observed

**Comment:** In Tempo.

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**Requirement:** Have the waste source and quantity amounts been submitted with the quarterly report?. [401 KAR 47:190 Section 8(1)(b)]

**Compliance Status:** C-No Violations observed

**Comment:**

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**Requirement:** Has the annual survey been conducted by the owner operator to determine remaining landfill volume which may be used for waste disposal?. [401 KAR 47:190 Section 8(2)(a)]

**Compliance Status:** C-No Violations observed

**Comment:** Already done; 6/2/15.

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**Requirement:** Are surface water and groundwater monitoring records maintained as required?. [401 KAR 47:190 Section 8(3)(b)]

**Compliance Status:** C-No Violations observed

**Comment:** In Tempo

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**Requirement:** 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)]

**Compliance Status:** C-No Violations observed

**Comment:**

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**Requirement:** Are the environmental remediation fees collected as required?. [KRS 224.43-500(3)]

**Compliance Status:** C-No Violations observed

**Comment:** Not in Tempo yet but DOR confirms payment.

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**Requirement:** Does the facility remit to the cabinet the environmental remediation fee as required?. [KRS 224.43-500(4)]

**Compliance Status:** C-No Violations observed

**Comment:**

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**Requirement:** Has the facility implemented a program for detecting and preventing the receipt of hazardous waste and PCB waste? This program should include random inspections of incoming loads, inspections of suspicious loads, personnel training, documentation of inspections and training, and Cabinet notification of hazardous waste received. [401 KAR 48:090 Section 2]

**Compliance Status:** C-No Violations observed

**Comment:**

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**Requirement:** Is the landfill operator recording daily cell locations, dates of cover applications, cap installation dates, and certification reports?. [401 KAR 48:090 Section 3(5)]

**Compliance Status:** E-Not Evaluated

**Comment:**

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**Requirement:** Is the specified equipment on-site and operational?. [401 KAR 48:070 Section 6(1)]

**Compliance Status:** C-No Violations observed

**Comment:** They have functional backup for dozers and compactors.

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**Requirement:** Is all loose waste compacted within 2 hours of receipt of the waste and does the operator pass equipment over 100% of the waste surface at least four (4) times before additional waste is placed?. [401 KAR 48:090 Section 9(1)]

**Compliance Status:** C-No Violations observed

**Comment:** Compaction was underway prior to 10 AM in the morning.

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**Requirement:** Is the site equipped with compaction and cover equipment sufficient to handle the amounts of incoming waste?. [401 KAR 48:090 Section 9(8)]

**Compliance Status:** C-No Violations observed

**Comment:**

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**Requirement:** Is back-up equipment available within twenty-four (24) hours of primary equipment incapacitation?. [401 KAR 48:070 Section 6(4)]

**Compliance Status:** C-No Violations observed

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<b>Comment:</b> They have functional backups for dozers and compactors on site.
<b>Requirement:</b> Does the landfill have adequate employee facilities and a maintenance building for equipment?. [401 KAR 48:070 Section 9]
<b>Compliance Status:</b> C-No Violations observed
<b>Comment:</b>
<b>Requirement:</b> Is the site equipped with separate areas for the handling of loads containing burning waste?. [401 KAR 48:070 Section 5(1)]
<b>Compliance Status:</b> C-No Violations observed
<b>Comment:</b>
<b>Requirement:</b> Is the site equipped with separate areas for the handling of wastes from pick-up trucks and automobiles?. [401 KAR 48:070 Section 5(2)]
<b>Compliance Status:</b> C-No Violations observed
<b>Comment:</b> Public drop off near office/scales.
<b>Requirement:</b> Are separate areas maintained for the handling of salvageable and recyclable materials when the facility intends to manage these materials. [401 KAR 48:070 Section 5(3)]
<b>Compliance Status:</b> C-No Violations observed
<b>Comment:</b> large items such as white goods are accumulated near the maintenance building along with items such as tires. There was nothing in storage at the time of the inspection.
<b>Requirement:</b> Is access to the site controlled to prevent unauthorized vehicular traffic and illegal dumping?. [401 KAR 48:090 Section 6(1)]
<b>Compliance Status:</b> C-No Violations observed
<b>Comment:</b> After hour access is controlled by a gate.
<b>Requirement:</b> Are entrance signs present as required? The sign must include the landfill name, name of owner, name of operator, operating hours, the permit number, and an emergency telephone number. [401 KAR 48:090 Section 14(2)]
<b>Compliance Status:</b> C-No Violations observed
<b>Comment:</b>
<b>Requirement:</b> Is an all-weather road to within 200 feet of the working face maintained as required?. [401 KAR 48:090 Section 6(2)(d)]
<b>Compliance Status:</b> C-No Violations observed
<b>Comment:</b>
<b>Requirement:</b> Does the landfill have an all weather perimeter road around all waste disposal areas and to all monitoring and sediment control structures?. [401 KAR 48:090 Section 6(2)(c)]
<b>Compliance Status:</b> C-No Violations observed
<b>Comment:</b>
<b>Requirement:</b> Is all incoming waste weighed prior to disposal?. [401 KAR 47:190 Section 8(4)]
<b>Compliance Status:</b> C-No Violations observed
<b>Comment:</b>
<b>Requirement:</b> Does the landfill prohibit the receipt of unpermitted wastes?. [401 KAR 48:090 Section 8(1)(c)]
<b>Compliance Status:</b> C-No Violations observed
<b>Comment:</b>
<b>Requirement:</b> Does the facility conform to the permitted operating hours for receiving waste?. [401 KAR 48:090 Section 9(13)]
<b>Compliance Status:</b> C-No Violations observed
<b>Comment:</b>
<b>Requirement:</b> Are the grounds in and around the landfill maintained to prevent a nuisance?. [401 KAR 48:090 Section 9(10)]
<b>Compliance Status:</b> C-No Violations observed
<b>Comment:</b> Site recently upgraded litter control by installing a litter fence.
<b>Requirement:</b> Does the landfill ensure that debris, mud and waste is removed from vehicles before leaving the site? Is landfill debris, mud, and waste removed from off-site roadways?. [401 KAR 48:090 Section 6(3)]
<b>Compliance Status:</b> C-No Violations observed
<b>Comment:</b> Wash station was functional.
<b>Requirement:</b> Does the landfill take measures to control dust on haul roads and other areas to prevent a nuisance to surrounding areas?. [401 KAR 48:090 Section 5(2)]

<p><b>Compliance Status:</b> C-No Violations observed</p> <p><b>Comment:</b></p>
<p><b>Requirement:</b> Does the landfill prohibit scavenging within 100 feet of the working face? Is salvaging limited to specified areas identified in the permit?. [401 KAR 48:090 Section 9(6)]</p> <p><b>Compliance Status:</b> C-No Violations observed</p> <p><b>Comment:</b> Scavenging prohibited.</p>
<p><b>Requirement:</b> Is the unloading of incoming waste supervised by landfill personnel?. [401 KAR 48:090 Section 9(9)]</p> <p><b>Compliance Status:</b> C-No Violations observed</p> <p><b>Comment:</b></p>
<p><b>Requirement:</b> Is the size of the daily working face restricted to the smallest practical area?. [401 KAR 48:090 Section 9(4)]</p> <p><b>Compliance Status:</b> C-No Violations observed</p> <p><b>Comment:</b></p>
<p><b>Requirement:</b> Are wastes that may damage the bottom liner restricted from the initial lift? Has the bottom liner been protected with a layer of dirt, waste, or similar materials?. [401 KAR 48:090 Section 9(3)]</p> <p><b>Compliance Status:</b> N-Not Applicable</p> <p><b>Comment:</b></p>
<p><b>Requirement:</b> Is the lift height within the permitted limits?. [401 KAR 48:090 Section 9(2)]</p> <p><b>Compliance Status:</b> C-No Violations observed</p> <p><b>Comment:</b></p>
<p><b>Requirement:</b> If methane gas levels exceed allowable limits, has the facility taken steps to ensure immediate protection of human health, notified the cabinet, and submitted a remediation plan?. [401 KAR 48:090 Section 4(5)]</p> <p><b>Compliance Status:</b> C-No Violations observed</p> <p><b>Comment:</b> Mr. Bowles provided an employee training schedule listing all the safety training required for employment. See attached "Training and Safety Schedule".</p>
<p><b>Requirement:</b> Is each on-site building equipped with an operational gas detector with an alarm set at 25% of the LEL?. [401 KAR 48:090 Section 4(4)]</p> <p><b>Compliance Status:</b> E-Not Evaluated</p> <p><b>Comment:</b></p>
<p><b>Requirement:</b> Are diversion and run-off ditches maintained to achieve design capacity?. [401 KAR 48:090 Section 7(2)(b)]</p> <p><b>Compliance Status:</b> C-No Violations observed</p> <p><b>Comment:</b> Some of the diversion ditches show recent maintenance.</p>
<p><b>Requirement:</b> Are temporary diversion ditches maintained around the current working face?. [401 KAR 48:090 Section 7(2)(c)]</p> <p><b>Compliance Status:</b> C-No Violations observed</p> <p><b>Comment:</b></p>
<p><b>Requirement:</b> Are sediment ponds maintained as required?. [401 KAR 48:090 Section 7(2)(a)]</p> <p><b>Compliance Status:</b> C-No Violations observed</p> <p><b>Comment:</b></p>
<p><b>Requirement:</b> Is the site maintained to prevent erosion or washing of the fill, and graded as necessary to drain rainwater from the fill area and to prevent standing water?. [401 KAR 48:090 Section 7(1)]</p> <p><b>Compliance Status:</b> C-No Violations observed</p> <p><b>Comment:</b> There was no sign of erosion at the time of the inspection.</p>
<p><b>Requirement:</b> Has sufficient daily cover been applied over the exposed solid waste at the end of each working day?. [401 KAR 48:090 Section 3(1)(a)]</p> <p><b>Compliance Status:</b> C-No Violations observed</p> <p><b>Comment:</b></p>
<p><b>Requirement:</b> Does the daily cover meet the 10% requirement for protruding litter?. [401 KAR 48:090 Section 3(1)(b)]</p> <p><b>Compliance Status:</b> C-No Violations observed</p> <p><b>Comment:</b></p>
<p><b>Requirement:</b> Has sufficient interim cover been applied to areas that will not receive waste within 30 calendar days of the last waste placement?. [401 KAR 48:090 Section 3(2)(a)]</p> <p><b>Compliance Status:</b> C-No Violations observed</p>

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**Comment:**

**Requirement:** Has the facility placed, compacted and graded the interim cover to effect proper drainage?. [401 KAR 48:090 Section 3(2)(c)]

**Compliance Status:** C-No Violations observed

**Comment:**

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**Requirement:** Were temporary erosion controls applied at the time of placing interim cover?. [401 KAR 48:090 Section 3(2)(d)]

**Compliance Status:** C-No Violations observed

**Comment:**

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**Requirement:** Has sufficient long term cover been applied to areas that will not receive additional waste within 4 months? Long term cover must be in place by September 15 of each year. [401 KAR 48:090 Section 3(3)(a)]

**Compliance Status:** C-No Violations observed

**Comment:**

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**Requirement:** Have erosion controls and proper seeding of interim and long term cover been completed during the fall seeding season?. [401 KAR 48:090 Section 3(3)(d)]

**Compliance Status:** C-No Violations observed

**Comment:**

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**Requirement:** Has the application of final cover been initiated within 30 days of filling a completed phase to final grade design?. [401 KAR 48:090 Section 3(4)(a)]

**Compliance Status:** C-No Violations observed

**Comment:** All sites planted have good cover established.

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**SI:** AIOO998

**SI Description:**

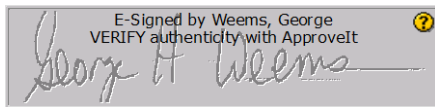
**Inspector Comment:**

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**Documentation**

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|---|--|
| <input checked="" type="checkbox"/> <b>Photos taken</b>             | <input type="checkbox"/> Record of visual determination of opacity |
| <input type="checkbox"/> <b>Documents obtained from facility</b>    | <input type="checkbox"/> <b>Samples taken by DEP</b>               |
| <input type="checkbox"/> <b>Samples taken by outside source</b>     | <input type="checkbox"/> Regional office instrument readings taken |
| <input type="checkbox"/> <b>Request for Submission of Documents</b> | <input type="checkbox"/> <b>Other documentation</b>                |

**Inspector:**



**Date:** 7/14/15