

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 #:** CIN20150013
Incident IDs:
Inspection Start Date: December 3, 2015 **Time:** 07:55 AM **End Date:** December 3, 2015 **Time:** 07:55 AM
Site/Permit ID:
Lead DEP Investigator: George Weems
Other DEP Investigators:
External Investigators:
Persons Interviewed: Billy Bowles

General Comments: Flare and generator going. No erosion visible on flank of active cell. No leachate outbreaks noticed. Mud is not being tracked off site. Planted areas well established. Records of waste inspections kept.
Overall Compliance Status: No Violations Observed

Investigation Results

SI: ACTV7 Contained Landfill

SI Description: SW: Contained Landfill

Inspector Comment:

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.

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:

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:

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: Even after heavy rain; no erosion or leachate outbreaks were observed.

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: Billy Bowles accompanied me on the inspection.

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

KAR 47:120 Section 1(5)]

Compliance Status: C-No Violations observed

Comment:

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: Quarterly Reports up to date.

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:

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: 6/2/15

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: 3rd Quarter submitted on 11/16/15.

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: E-Not Evaluated

Comment:

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

Compliance Status: C-No Violations observed

Comment: 2nd quarter on record; overpayment. 3rd quarter not in Tempo yet.

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: 2nd quarter on record; overpayment. 3rd quarter not in Tempo yet.

Requirement: Has the owner/operator submitted the applicable Annual Renewal Fee(s) to the Division? . [401 KAR 47:090 Section 5]

Compliance Status: C-No Violations observed

Comment: Received on 4/1/15.

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: Inspection of documented random inspections done. They did seem to concentrate on entities like city, county and other government entities like Blue Grass Army Depot or manufacturing. Notes are taken on inspections about what are found if it doesn't match the form check list. Compactor operator initials the inspections.

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:

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

Compliance Status: C-No Violations observed

Comment: Dozer, compactor and a trackhoe were all working at the time of the inspection.

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 at time of the inspection (10:15 AM)..

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:

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

Comment: If needed, Morehead can assist.

Requirement: Does the landfill have adequate employee facilities and a maintenance building for equipment?. [401 KAR 48:070 Section 9]

Compliance Status: C-No Violations observed

Comment: Offices and maintenance shop are all adequate for the activity.

Requirement: Is the site equipped with separate areas for the handling of loads containing burning waste?. [401 KAR 48:070 Section 5(1)]

Compliance Status: C-No Violations observed

Comment: There is sufficient area to dump hot loads without putting it on the active part of the landfill.

Requirement: 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)]

Compliance Status: C-No Violations observed

Comment: Public drop off is available.

Requirement: 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)]

Compliance Status: C-No Violations observed

Comment: Recycle and tire drop off is near the maintenance building.

Requirement: Is access to the site controlled to prevent unauthorized vehicular traffic and illegal dumping?. [401 KAR 48:090 Section 6(1)]

Compliance Status: C-No Violations observed

Comment:

Requirement: 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)]

Compliance Status: C-No Violations observed

Comment:

Requirement: Is an all-weather road to within 200 feet of the working face maintained as required?. [401 KAR 48:090 Section 6(2)(d)]

Compliance Status: C-No Violations observed

Comment:

Requirement: 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)]

Compliance Status: C-No Violations observed

Comment:

Requirement: Is all incoming waste weighed prior to disposal?. [401 KAR 47:190 Section 8(4)]

Compliance Status: C-No Violations observed

Comment:

Requirement: Does the landfill prohibit the receipt of unpermitted wastes?. [401 KAR 48:090 Section 8(1)(c)]

Compliance Status: C-No Violations observed

Comment: Inspections are available that indicate they do look for unpermitted waste. See attached Waste Inspection Form. If something unusual (such as tires) the form has a notation on what it was and what was done with it. Some forms had license plate numbers and phone numbers. There were over 50 forms for the month of November.

Requirement: Does the facility conform to the permitted operating hours for receiving waste?. [401 KAR 48:090 Section 9(13)]

Compliance Status: C-No Violations observed

Comment:

Requirement: Are the grounds in and around the landfill maintained to prevent a nuisance?. [401 KAR 48:090 Section 9(10)]

Compliance Status: C-No Violations observed

Comment: They have installed litter fencing to catch waste that is blown during windy days. At the time the litter was close to the working face.

Requirement: 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)]

Compliance Status: C-No Violations observed

Comment: They have an undercarriage wash station for trucks although even after a rain it didn't appear to be needed as there was no mud or debris on the road down to the wash station.

Requirement: 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)]

Compliance Status: E-Not Evaluated

Comment: Heavy rains have kept dust nonexistent.

Requirement: 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)]

Compliance Status: C-No Violations observed

Comment: Scavenging not allowed.

Requirement: Is the unloading of incoming waste supervised by landfill personnel?. [401 KAR 48:090 Section 9(9)]

Compliance Status: C-No Violations observed

Comment: Unloading of waste supervised by waste compactor operator.

Requirement: Is the size of the daily working face restricted to the smallest practical area?. [401 KAR 48:090 Section 9(4)]

Compliance Status: C-No Violations observed

Comment:

Requirement: 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)]

Compliance Status: N-Not Applicable

Comment: This is not a new cell; liner not exposed at this time.

Requirement: Is the lift height within the permitted limits?. [401 KAR 48:090 Section 9(2)]

Compliance Status: C-No Violations observed

Comment:

Requirement: 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)]

Compliance Status: C-No Violations observed

Comment: Mr. Billy Bowles demonstrated that the explosive gas monitor was working.

Requirement: 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)]

Compliance Status: C-No Violations observed

Comment:

Requirement: Are diversion and run-off ditches maintained to achieve design capacity?. [401 KAR 48:090 Section 7(2)(b)]

Compliance Status: C-No Violations observed

Comment: All diversion ditches were clear.

Requirement: Are temporary diversion ditches maintained around the current working face?. [401 KAR 48:090 Section 7(2)(c)]

Compliance Status: C-No Violations observed

Comment:

Requirement: Are sediment ponds maintained as required?. [401 KAR 48:090 Section 7(2)(a)]

Compliance Status: C-No Violations observed

Comment:

Requirement: 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)]

Compliance Status: C-No Violations observed

Comment: there were no signs of erosion.

Requirement: 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)]

Compliance Status: E-Not Evaluated

Comment: Not there at end of day.

Requirement: Does the daily cover meet the 10% requirement for protruding litter?. [401 KAR 48:090 Section 3(1)(b)]

Compliance Status: C-No Violations observed

Comment: The area around the working face appeared to meet those requirements.

Requirement: 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)]

Compliance Status: C-No Violations observed

Comment: All areas not being worked had well established cover of vegetation..

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:

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: All non active portions of the landfill that had been used previously had good plant cover.

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:

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:

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: N-Not Applicable

Comment:

SI: AIOO998

SI Description:

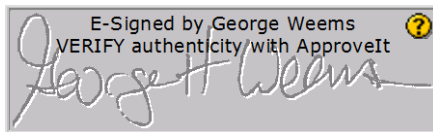
Inspector Comment:

Documentation

- Photos taken**
- Documents obtained from facility**
- Samples taken by outside source**
- Request for Submission of Documents**

- Record of visual determination of opacity**
- Samples taken by DEP**
- Regional office instrument readings taken**
- Other documentation**

Inspector:



Date:

12/15/15