

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

Activity: CRV20140006 Groundwater Report Review

Lead Investigator: Francis, Kevin

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: Groundwater Report Review

Inspection Type: SW Groundwater Report Review

Inspection Date: 10/08/2014

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:

Review of the second quarter monitoring report submitted to Cabinet on June 10, 2014 with a sample date of April 10, 2014. During the second quarter monitoring event no parameters that were examined using control charts exceeded their respective limits except for a CUSUM exceedance at monitoring well MW-15R for conductivity but is not an statistical exceedance. For parameters that do not fit the assumption necessary to perform control charts analysis were analyzed using intra well prediction limits.. For the second quarter monitoring event concentrations of chloride and TDS in the sample collected from MW-7 and the concentration of TOX in the sample collected from MW-15R exceeded their respective prediction limits. Also an MCL exceedance occurred at upgradient well MW-17R for benzene. MW-17R is completed in the New Albany Shale, which is an oil bearing black shale. Likely the exceedance is the result of natural occurring oil deposits. Note that the upgradient well on site MW-17R has had elevated chloride levels of 3929 mg/l in the past.

Person(s) Interviewed:

Name	Organization
Investigator:	Title:
	Date:

- N - N-Not Applicable
- E - E-Not Evaluated
- V - V-Out of Compliance-NOV
- C - C-No Violations observed
- I - I-No Violations obs-but impending viol trends obs
- D - D-Out of Compliance-Violations Documented
- O - O-Out of Comp-LOW non-recurrent Adm. or O&M

Received By:

Title:

Date:

Delivery Method: