



John R. Kasich, Governor
 Mary Taylor, Lt. Governor
 Craig W. Butler, Director

OHIO E.P.A.

APR 18 2014

I certify this to be a true and accurate copy of the official documents as filed in the records of the Ohio Environmental Protection Agency.

ENTERED DIRECTOR'S JOURNAL

By: 

Date: 4-18-2014

APR 18 2014

Ms. Season Wall
 Division Manager
 Cherokee Run Landfill
 2946 U.S. Rt. 68
 Bellefontaine, OH 43311

Re: Cherokee Run Landfill
 Director's Authorization
 Approval
 Municipal Solid Waste Landfills
 Logan County
 MSWL018815

**Subject: Cherokee Run Landfill
 Ohio Administrative Code (OAC) Rule 3745-27-10(D)(7)(c)(ii) Approval**

Dear Ms. Wall:

On February 11, 2014, the Ohio Environmental Protection Agency (Ohio EPA), Division of Materials and Waste Management (DMWM), received a document titled "Alternate Source Demonstration for September 2013 Exceedances Cherokee Run Landfill; Bellefontaine, OH," dated February 10, 2014, for Cherokee Run Landfill (Facility) located in Logan County. This document was submitted by Civil & Environmental Consultants (CEC), on behalf of Republic Services, and contains the ground water sampling results and the statistical analysis from the September 2013 ground water sampling event at the Facility.

According to the document, analysis of the ground water detection monitoring data indicated that the following statistically significant changes were detected: chloride in monitoring well MW-4, MW-12, MW-22, and MW-26; sodium in MW-23; and potassium in monitoring well MW-24.

Pursuant to OAC rule 3745-27-10(D)(7)(c)(ii), the owner or operator may demonstrate that a source other than the sanitary landfill facility caused the contamination, or that the statistically significant change resulted from error in sampling, analysis, or statistical evaluation or natural variation in ground water quality. A report documenting this demonstration must be submitted to and approved by Ohio EPA. If the owner or operator does not obtain approval to continue detection monitoring not later than two hundred ten (210) days from initial sampling, the owner or operator is required to comply with the provisions of OAC rule 3745-27-10(E) for ground water quality assessment monitoring.

The February 10, 2014 document concluded that the statistically significant changes for chloride at monitoring well MW-4, MW-12, MW-22, and MW-26; sodium at monitoring well MW-23; and potassium at monitoring well MW-24 were due to natural variation in ground water quality, and not as a result of impact from the landfill. The statistical exceedances for MW-12, MW-22, and MW-23 were attributed to salt application practices. In addition, the document concluded that seasonal deicing practices have impacted the ground water quality at monitoring wells MW-12, MW-22, and MW-23. Monitoring wells MW-4, MW-12, MW-22, MW-23, MW-24 and MW-26 were initially sampled in September 2013.

Ohio EPA has reviewed the applicable information and concurs with the demonstration included in the February 10, 2014 document. Therefore, pursuant to OAC rule 3745-27-10(D)(7)(c)(ii), the owner or operator is hereby authorized to continue the detection monitoring program at the Facility for monitoring wells MW-4, MW-12, MW-22, MW-23, MW-24 and MW-26.

Should future or existing ground water sampling results indicate statistically significant changes in ground water monitoring parameters, the owner or operator will be required to either enter into assessment monitoring in accordance with OAC rule 3745-27-10(E) or obtain approval to remain in the detection monitoring program.

You are hereby notified that this action of the Director of Environmental Protection (Director) is final and may be appealed to the Environmental Review Appeals Commission pursuant to Ohio Revised Code section 3745.04. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 made payable to "Treasurer, State of Ohio." The Commission, in its discretion, may reduce the fee if by affidavit it is demonstrated that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
77 South High St., 17th Floor
Columbus, Ohio 43215

Ms. Season Wall
Cherokee Run Landfill
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If you have any questions concerning this action, please contact Monte Bluebaum, DMWM, SWDO at (937) 285-6647.

Sincerely,

A handwritten signature in cursive script, appearing to read "Bonnie Buthker".

Bonnie Buthker, Chief
Southwest District Office
for Craig W. Butler, Director

cc: Tracy Buchanan, DMWM, SWDO
Craig Kauffman, Logan County Health District
Megan Marhelski, DDAGW, SWDO