



I certify, as a Professional Engineer in the State of Kansas, that the Evergy Fly Ash Landfill Area 2 at Jeffrey Energy Center near St. Marys, Kansas, was designed and constructed, to the best of my knowledge, in accordance with the CCR Rule, specifically section 40 Code of Federal Regulations (CFR) 257.70(c) and (d).

The landfill liner system was designed and constructed with an alternative composite liner meeting the requirements of 40 CFR 257.70(c)(1) through (3) consisting of an upper component of 60-mil high density polyethylene and a lower component of geosynthetic clay liner (GCL). The liquid flow rate through the lower component (GCL) of no more than $1 \times 10^{-8} \text{ m}^3/\text{m}^2/\text{s}$, determined using ASTM Method D5887, and with a hydraulic conductivity of no more than $3 \times 10^{-9} \text{ cm/sec}$ using ASTM Method 5887, is not greater than the liquid flow rate through two feet of compacted soil with a hydraulic conductivity of $1 \times 10^{-7} \text{ cm/sec}$ in accordance with Equation 1 of 40 CFR 257.70(c)(2). The alternative composite liner system also meets the requirements of 40 CFR 257 (b)(1) through (4).

The leachate collection and removal system were designed and constructed to collect and remove leachate from the landfill during the active life and post-closure care period in accordance with the requirements of 257.70(d).

This certification is provided as required by 40 CFR 257.70(f). It is not intended to apply to the physical operation or maintenance of the Evergy Fly Ash Landfill Area 2, a responsibility of Evergy. This certification is reliant upon the information provided by the contractor and testing firm(s) as documented in the Final Construction Quality Assurance Report by Burns & McDonnell dated April 23, 2021 and approved by the Kansas Department of Health & Environment on May 10, 2021.

A handwritten signature in black ink that reads "Matthew D. Bleything".

Matthew D. Bleything, P.E.

Date: 5/28/2021

Matthew D. Bleything
KS License Number 17686