

**2021 CCR LANDFILL ANNUAL INSPECTION BY QUALIFIED PROFESSIONAL ENGINEER  
40 CFR 257.84**

FACILITY INFORMATION	
Facility Name / Address	Sibley Generating Station / 33200 East Johnson Road, Sibley, Missouri 64088
Owner Name	Evergy Missouri West, Inc.
CCR Unit	CCR Landfill
Inspection Date	November 3, 2021

CCR UNIT ANNUAL INSPECTION REPORT	
Rule	Inspection Results
<p>§257.84(b)(2)(i):</p> <p><i>“(2) Inspection report. The qualified professional engineer must prepare a report following each inspection that addresses the following:</i></p> <p><i>(i) Any changes in geometry of the structure since the previous annual inspection;”</i></p>	<p>A visual inspection of the CCR landfill was completed on November 3, 2021 by Mr. Doug Doerr, a qualified professional engineer (QPE), and/or his designated representative. Areas of the north, south, east, and west slopes have been regraded slightly since the 2020 inspection resulting in revised elevations of approximately 1 foot. Material placement within the landfill increased the landfill height approximately 12.5 feet.</p>
<p>§257.84(b)(2)(ii):</p> <p><i>“(ii) The approximate volume of CCR contained in the unit at the time of the inspection;”</i></p>	<p>The approximate volume of material contained in the landfill at the time of the inspection was 1.9 million cubic yards<sup>1</sup>.</p>
<p>§257.84(b)(2)(iii):</p> <p><i>“(iii) Any appearances of an actual or potential structural weakness of the CCR unit, in addition to any existing conditions that are disrupting or have the potential to disrupt the operation and safety of the CCR unit;”</i></p>	<p>At the time of this inspection, there were no signs of actual or potential structural weakness or existing conditions that are disrupting or have the potential to disrupt the operation and/or safety of the CCR landfill. No signs of distress or malfunction were observed.</p>
<p>§257.84(b)(2)(iv):</p> <p><i>“(iv) Any other change(s) which may have affected the stability or operation of the CCR unit since the previous annual inspection.”</i></p>	<p>Areas of the north, south, east, and west slopes received final cover in 2021. Evergy reports over 70 % of the landfill has received final cover. There have been no other changes to the landfill that have affected the stability or operation of the CCR unit since the previous annual inspection.</p>

1. The 2021 volume estimate was completed by SCS Engineers using the landfill’s reported 2020 volume, topographic data provided by Tukup Technologies, LLC dated November 16, 2020, and topographic data provided by Tukup Technologies, LLC dated November 16, 2021.
2. The QPE reviewed 7-day reports as part of the annual inspection §257.84(b)(1)(i).

## PROFESSIONAL ENGINEER CERTIFICATION

The undersigned registered professional engineer is familiar with the requirements of the CCR Rule and has visited and examined the CCR unit or has supervised examination of the CCR unit by appropriately qualified personnel. I hereby certify based on a review of available information within the Sibley Generating Station's operating records and observations from my and/or my designated representative's personal on-site inspection, that this CCR unit does not exhibit any appearances of actual/potential structural weakness that would be disruptive to the safety or normal operations of the CCR unit. The unit is being operated and maintained consistent with recognized and generally accepted good engineering standards and practices. This certification was prepared as required by 40 CFR Part §257.84.

Name of Professional Engineer: Douglas L. Doerr, P.E.

Professional Engineer Seal:

