

# COLORADO GEOLOGICAL SURVEY

1801 Moly Road  
Golden, Colorado 80401



Matthew L. Morgan  
State Geologist and  
Director

July 25, 2024

Eva Contreras  
Sedgwick County Planning & Zoning Administrator  
315 Cedar St.  
Julesburg, CO 80737  
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**Location:**  
Numerous sections  
approximately centered on  
Section 26, T10N, R45W of the 6<sup>th</sup> P.M.  
40.8154, -102.3363

**Subject: Overland Pass Energy East Utility-Scale Wind System  
Sedgwick County, CO; CGS Unique No. SO-23-0001-2**


Dear Eva:

The Colorado Geological Survey has reviewed the Overland Pass Energy East utility-scale wind system referral. CGS reviewed a previous (smaller) version of this project on June 6, 2023. I understand the applicant currently proposes up to 310 wind turbines and related facilities on 113,145 acres. The available referral documents include a Desktop Geohazard Report, Overland Pass Energy East Project, Sedgwick County, Colorado (Westwood Project Number R0034226.00, May 24, 2024).

Westwood's characterization of geohazards and geotechnical risks is valid. Provided the additional investigations, testing, and analyses discussed by Westwood and the applicant (page 11 of the May 2024 Special Use Permit Application) are conducted to more accurately characterize component-specific subsurface conditions and mitigate geologic hazards, CGS has no objection to approval.

The applicant's commitment (page 22 of the Special Use Permit Application) to develop a grading plan is somewhat vague. CGS continues to recommend that a stormwater management plan specifying BMPs to minimize erosion around turbines, substations, roads, etc., be prepared for this project.

Thank you for the opportunity to review and comment on this project. If you have questions or require additional review, please call me at (303) 384-2643, or e-mail carlson@mines.edu.

Sincerely,  


Jill Carlson, C.E.G.  
Engineering Geologist