From: Taliaferro, Stephen
Sent: Wednesday, August 28, 2024 2:55 PM
To: Seals, Audrey
Cc: Motschenbacher, Gaven; Sidwell, Michelle; Gardner, Justin; Chudzik, Andrew; Merklin, Christopher
Subject: 2304334 PID 113521 - Soft Layer Encountered at Toe of Slope

Audrey,

OGE revised our stability analysis for the subject project accounting for a softer ("jello-like") layer at the toe of the slope. When modeling a worst case scenario with groundwater inches below the groundline along the toe and high groundwater along the entire embankment – the Factor of Safety only changed negligibly from our original design. If conditions deteriorate in terms of thickness of the layer (say exceeding 6-8 feet) or additional softness (increase in rut depth or burying of equipment), please contact our office.

Thanks,
Steve

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Department of Transportation