From: Seals, Audrey
Sent: Wednesday, August 28, 2024 3:43 PM
To: Taliaferro, Stephen
Cc: Motschenbacher, Gaven; Sidwell, Michelle; Gardner, Justin; Chudzik, Andrew; Merklin, Christopher; Umstott, Corey
Subject: RE: 2304334 PID 113521 - Soft Layer Encountered at Toe of Slope

Steve,

Thank you for the information and for taking the time to look into this. I was not too concerned when I went out and looked at it yesterday, but thought it was a good opportunity for Justin and Andrew to stop by and check it out since I had them out in D5 only half an hour away. Corey did mention that they have buried equipment a couple of times previously, but I think that was further down the slope from where our toe will be. We will monitor the condition and let you know if we see anything of concern.

Thank you and have a great weekend!

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Department of Transportation

From: Taliaferro, Stephen <Stephen.Taliaferro@dot.ohio.gov>
Sent: Wednesday, August 28, 2024 2:55 PM
To: Seals, Audrey <Audrey.Seals@dot.ohio.gov>
Cc: Motschenbacher, Gaven <Gaven.Motschenbacher@dot.ohio.gov>; Sidwell, Michelle <Michelle.Sidwell@dot.ohio.gov>; Gardner, Justin <Justin.Gardner@dot.ohio.gov>; Chudzik, Andrew <Andrew.Chudzik@dot.ohio.gov>; Merklin, Christopher <Chris.Merklin@dot.ohio.gov>
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

Stephen Taliaferro, P.E.
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