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To: [Bratcher, Mike, EMNRD](#); [Griswold, Jim, EMNRD](#)
Cc: [Spencer Cox: "David Hamilton"](#)
Subject: Lime Rock All Thorn MWFM pit - Still no SLO Mineral Lease approved - OCD IS NOT THE CRITICAL PATH TO USING THIS PIT - AS OF TODAY
Date: Thursday, November 06, 2014 3:02:19 PM

Mike and Jim

When the SLO signs the mineral lease, Lime Rock can begin excavation of the pit in anticipation of OCD approval. Excavation of the caliche and preparing the liner foundation for the pit could take 1-3 weeks from SLO approval. Thus, before 2-3 weeks from now we need

1. OCD approval of the All Thorn MWFM pit permit (re-submitted as a complete package on 10/8 and submitted in multiple parts beginning in early May)
2. A decision from OCD on the Variance request for the 45-mil LLDPE primary liner. Lime Rock needs to order the 60-mil HDPE if the variance is denied.
3. OCD approval of the variance requests for the secondary liner and leak detection, which have been previously approved by OCD for similar MWFM pits.

With the PE stamp on the geotechnical study and pit design and all the work conducted to resolve the karst/unstable ground policy, this permit should be good to go. If we have overlooked something that is a show stopper, please let us know before Lime Rock starts excavating.

Thanks all.

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