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Transmitted Via: Email (Jamie.Lancaster1@dnr.ga.gov)

Ms. Jamie Lancaster
Surface Mining Unit
Georgia Department of Natural Resources
Environmental Protection Division
4244 International Parkway, Suite 104
Atlanta, Georgia 30354

*Subject: Response to EPD Permit Coordination Comments
Twin Pines Minerals, LLC
Saunders Demonstration Mine
Charlton County, Georgia
EPD Mine ID No. 2073*

Dear Ms. Lancaster:

Transmitted herewith are documents prepared in response to the Georgia Environmental Protection Division's (EPD's) letter dated April 20, 2021, which provided review comments to the Surface Mining Application, Mining Land Use Plan (MLUP) and Exhibits submitted by Twin Pines Minerals, LLC (TPM) on November 13, 2020; Groundwater Withdrawal Application submitted December 9, 2020; Technical Comments, Soil Amendment Plan and the Subsurface Continuity of Humate-Bearing Sands in the Surficial Aquifer document submitted January 21, 2021; and the Surface Mining Provisions Addendum submitted February 17, 2021. TTL has revised the format of this MLUP submittal to more closely follow the EPD's "Guidance for Mining Land Use Plan" dated September 9, 2020. The documents provided with this submittal include responses to EPD Comments 1 through 4 and 7. These responses consist of:

- Line-by-line response to EPD Comments 1 through 4 and 7
- Revised Surface Mining Land Use Plan including a revised Groundwater Monitoring Plan and a Soil Amendment Plan
- Revised Provisions Checklist for Protection of the Environment and Resources of the State with supplemental documentation

Four additional exhibits to the MLUP (Exhibits E, F, G, and H) are included in response to requests by Dr. James Kennedy. Exhibit I will be submitted once the modeling effort is complete.

TPM's consulting team is in the process of re-running the groundwater model in order to specifically address EPD Comments 5 and 6. Once the modeling effort is complete, an additional submittal will be made to address those comments.

Please contact the undersigned with any questions.

Sincerely,
TTL, Inc.

Sheryle G. Reeves, P.E.
Principal Engineer

James R. Smith, P.G.
Principal Geologist

Enclosures