



3516 Greensboro Avenue
Tuscaloosa, AL 35401
205.345.0816
www.TTLUSA.com

July 16, 2021

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: Part 2 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 additional documents (Part 2) 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 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. The Part 2 documents provided with this submittal include responses to EPD Comments 5 and 6. These responses consist of:

- Revised Sheet 8 of the MLUP submitted June 25, 2021 which includes the Soil Amendment Plan
- Revised Sheet 14 which includes the supplemental narrative of the MLUP
- Exhibit I "Modeling the Groundwater Flow System at the Proposed Twin Pines Mine on Trail Ridge" prepared by GSI Environmental, Inc.
- Line-by-line response to EPD Comments 5 and 6 – see GSI Report Appendix A.
- Response to Comment 5h of the EPD Comments (Jacobs Memorandum "Addendum to the November 12, 2020 Saunders Demonstration Mine Geochemical Testing and Evaluation")

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: As noted