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June 25, 2021

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

**Re: Response to Comments**  
**Twin Pines Minerals, LLC Permit Coordination Document**  
**Mine Name: Saunders Demonstration Mine**  
**County: Charlton**

Dear Ms. Lancaster:

Twin Pines Minerals, LLC (TPM) has reviewed the Twin Pines Permit Coordination Document provided by the EPD, dated April 14, 2021, and offers the following responses. Each comment is repeated below, followed by TPM's response.

**1. Surface Mining Application and Mining Land Use Plan Review Comments by Surface Mining Unit (Contains most MLUP sheets)**

- a. *Please add Mine ID No. 2073 to each sheet or Figure.*

Response: Done. The Mine ID has been added to the title block of each sheet and figure of Surface Mining Land Use Plan (MLUP).

b. Land Use Development Plan

- i. *On page 5 in the last paragraph with the sentence starting "In the PCP...", please ensure that "spiral concentrate" is the correct language.*

Response: Done – Sheet 14 – Supplemental Text – Page 5. The language has been corrected to read, "In the PCP, spirals will be used to separate the heavy mineral sands from the lighter clays and quartz sand."

- ii. *On page 6, Section VI, please be aware that a radioactive handling permit may be necessary. Surrounding mines have come across a need for one due to uncovering natural occurring radioactive materials.*

Response: TPM is aware that a radioactive material handling permit may be required if naturally occurring radioactive material is concentrated to a level that exceeds the regulatory threshold.