



2743 B Gunter Park Dr. W.
Montgomery, AL 36109
334-244-0766
www.TTLUSA.com

November 13, 2020

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

**Re: *Surface Mining Permit Application
Proposed Saunders Demonstration Mine
Charlton County, Georgia
TTL Project No. 000180200804.00***

Dear Ms. Lancaster:

TTL, Inc. (TTL), on behalf of Twin Pines Minerals, LLC, respectfully submits the enclosed Surface Mining Permit Application for a proposed demonstration heavy mineral sands mining operation located near St. George, in Charlton County, Georgia. Included herein is the Application for Surface Mining Permit and supporting Surface Mining Land Use Plan.

We look forward to working with you on this important project. Please contact the undersigned at (334) 244-0766 if you have any questions.

Sincerely,
TTL, Inc.

Sheryle G. Reeves, P.E.
Principal Engineer

T. West White
Project Professional

Enclosure: Surface Mining Permit Application Package

cc: Steven R. Ingle, President – Twin Pines Minerals, LLC

**APPLICATION FOR SURFACE MINING PERMIT
TWIN PINES MINERALS, LLC
SAUNDERS DEMONSTRATION MINE**



Twin Pines Minerals, LLC

Submitted To:

Georgia Department of Natural Resources
Environmental Protection Division
Surface Mining Unit
4244 International Parkway, Suite 104
Atlanta, GA 30354

Prepared for:

Twin Pines Minerals, LLC
2100 Southbridge Parkway, Suite 540
Birmingham, AL 35209

Prepared by:

TTL, Inc.
2743B Gunter Park Drive West
Montgomery, Alabama 36109

TTL Project No. 000180200804.00

November 13, 2020

TTL

Surface Mining Application

An application for a permit must include the Mining Land Use Plan (MLUP). The application and MLUP (2 copies) must be submitted to the address above. MLUP Guidance is provided at <https://epd.georgia.gov>. If you have any questions with this application, please call (404)362-2692.

I. MINE INFORMATION

Mine Name: <u>Saunders Demonstration Mine</u>		<input checked="" type="checkbox"/> New Permit <input type="checkbox"/> Amendment: Permit No.	
Mine Address: <u>State Route 94</u>		City: <u>St. George</u>	Parcel No.: <u>See attached</u>
State: <u>GA</u>	Zip: <u>31562</u>	Telephone Number: <u>205-403-5287</u>	County: <u>Charlton</u>
Site Latitude (decimal degrees): <u>30.52388</u>		Site Longitude (decimal degrees): <u>-82.116688</u>	
Onsite Contact Name: <u>Mark Fowler</u>		Title: <u>Environmental Manager</u>	
Telephone Number: <u>205-403-5287</u>		Email Address: <u>mfowler@twinpinesminerals.com</u>	

II. MINING OPERATOR AND LAND OWNERSHIP INFORMATION

Name of Mining Operator's Company: <u>Twin Pines Minerals, LLC</u>			
Company Contact Name: <u>Steven R. Ingle</u>			
Mailing Address: <u>2100 Southbridge Pkwy, Ste 540</u>		City: <u>Birmingham</u>	State: <u>AL</u>
Telephone Number: <u>205-545-8759</u>		Email Address: <u>single@twinpinesminerals.com</u>	
Total Acreage in Proposed Permit Boundary: <u>739.1</u>			
List Owners of the Land Within the Proposed Permit Boundary: <u>See attached</u>			

III. GENERAL MINING INFORMATION

Mineral or Material to be Mined: <u>Heavy Mineral Sands</u>	SIC Code: <u>1099</u>
Method of Mining: Quarry <input type="checkbox"/> Dredge <input type="checkbox"/> Pit <input type="checkbox"/> Borrow <input type="checkbox"/> Drag Line	
Anticipated Date to Begin Mining: <u>April 2021</u>	
Anticipated Date to Complete Mining: <u>April 2025</u>	
Anticipated Date of Final Reclamation: <u>April 2027</u>	

Please check the applicable environmental permits (Local, State and Federal) needed for this mine. If you have already applied for or already obtained the permit, please provide the date. If you find a permit not listed, please list in "others".

Type of Permit Needed	Yes	No	Date Applied	Date Obtained	Permit Number
NPDES Industrial Stormwater	<input checked="" type="checkbox"/>	<input type="checkbox"/>	July 21, 2020		
NPDES Industrial Wastewater	<input checked="" type="checkbox"/>	<input type="checkbox"/>	June 19, 2020		
Surface Water Withdrawal	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Groundwater Withdrawal	<input checked="" type="checkbox"/>	<input type="checkbox"/>	June 12, 2020		
Air Quality	<input checked="" type="checkbox"/>	<input type="checkbox"/>	December 20, 2019		
Local Permit(s) Building	<input checked="" type="checkbox"/>	<input type="checkbox"/>			
Army Corp of Engineers	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Other: Land Disturbance	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Is documentation included with this application showing the MLUP is consistent with the land use in the area? See MLUP Guidance for more details. (eg: Local Government Letter) Yes: No:

IV. AMENDMENT INFORMATION (IF APPLICABLE)

Current Approved Acreage: _____ Proposed Acreage Increase: _____ Proposed Acreage Decrease: _____

Company/Contact Changes: _____

Property Ownership Changes: _____

Inactive Status: Applying for inactive: Applying to return to active:

Briefly describe any changes needed to be made with the permit or Mining Land Use Plan: _____

Updated Anticipated Mining Completion Date: _____ Updated Anticipated Reclamation Date: _____

SIGNATURES

Pursuant to the requirements of the Georgia Surface Mining Act, O.C.G.A. 12-4-70, et seq., and the Surface Mining Rules, Chapter 391-3-3, both as amended, the undersigned hereby:

1. Understands a Mining Land Use Plan (guidance provided by EPD) needs to be submitted in order for this application to be processed.
2. Understands that a permit will not be issued until financial assurance is received by EPD (after Mining Land Use Plan is approved).
3. Certifies that the Mining Operator is the rightful owner and/or holds a valid lease on said lands which extends a minimum of two years beyond final reclamation date shown in this Application.
4. Certifies that the information provided in or submitted by the Mining Operator as a part of this Application is true and correct.

Authorized Signature:  Date: 11/13/2020

Print Name: Steven R. Ingle Title: President

****The approval of this Application and Mining Land Use Plan does not relieve the Mining Operator of any obligation or responsibility for complying with the provisions of any other laws or regulations of any local, federal or state authority.**

****Failure to provide information and/or documents requested will result in a longer review period for this application.**

Surface Mining Application
Supplemental Information

Twin Pines Minerals, LLC
Saunders Demonstration Mine

Parcel Numbers and Property Owners:

Parcel Number	Property Owner
0059001002	Trail Ridge Land, LLC
0058001	Trail Ridge Land, LLC
0084003	Sharon Bell & Eli L. Padgett
0084003002	Sharon Bell & Eli L. Padgett

Charlton County, Georgia

James E. Everett, Chairman
Alpha Benefield, Vice Chairman
Jesse Crews, Commissioner
Drew Jones, Commissioner
Luke Gowen, Commissioner

Board of Commissioners

68 Kingsland Drive, Suite B
Folkston, GA 31537-2872
(912) 496-2549 (office)
(912) 496-1156 (fax)

Hampton Raulerson, Administrator
Jenifer Nobles, County Clerk
John B. Adams, County Attorney

November 12, 2020

To Whom It May Concern

Twin Pines Minerals has requested this letter confirming that their proposed mining operation is consistent with the land use in the area. Charlton County currently has no zoning regulations that would prohibit the proposed mining operation. At the Charlton County's August 15th, 2019 regular scheduled meeting the Board of Commissioners unanimously approved a proclamation supporting Twin Pines Minerals proposed mining operation. The resolution has been included with this letter.

Sincerely,



Hampton Raulerson
County Administrator
Charlton County
68 Kingsland Drive, Suite B
Folkston, GA 31537



**BOARD OF COMMISSIONERS
CHARLTON COUNTY, GEORGIA
PROCLAMATION OF SUPPORT OF
TWIN PINE MATERIALS, LLC**

WHEREAS, the Charlton County Board of Commissioners is the governing authority of Charlton County, Georgia;

WHEREAS, economic development and quality, high-paying jobs are of vital importance to all local governments;

WHEREAS, the proposed heavy metal mining operation of Twin Pine Materials, LLC will result in approximately one hundred fifty (150) local high-paying jobs with benefits in Charlton County;


WHEREAS, the proposed capital investment of Twin Pine Minerals, LLC will result in substantial yearly tax revenue to the County;

WHEREAS, the estimated tax revenue from Twin Pine Minerals, LLC will allow Charlton County, Georgia to increase the level of service it provides to its citizens;

WHEREAS, the Charlton County Board of Commissioners finds and determines that the proposed operation of Twin Pine Minerals within Charlton County will result in economic development that is beneficial to all of Charlton County;

NOW, THEREFORE, the Charlton County Board of Commissioners, subject to approval by any other authority having jurisdiction, hereby proclaims and expresses support of Twin Pine Minerals, LLC proposed heavy mineral sand mining.

This 15th day of August 2019.


James E. Everett, Chairman
Charlton County Board of Commissioners