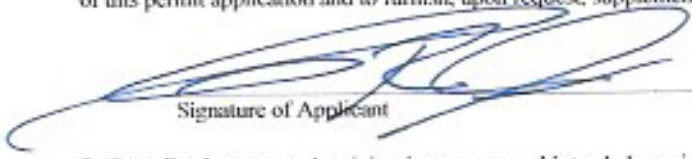


6. Name, address and title of applicant's authorized agent for permit application coordination.

Orby House Pearson
 General Mineral Resources Manager
 TTL, Inc.
 2243-B Quaker Park Drive West
 Montgomery, Alabama 36106

Statement of Authorization: I hereby designate and authorize the above named person to act in my behalf as my agent in the processing of this permit application and to furnish, upon request, supplemental information in support of this application.


 Signature of Applicant

7-3-19
 Date

7. Describe the proposed activity, its purpose and intended use, including a description of the type of structures, if any to be erected on fills, piles, of float-supported platforms, and the type, composition and quantity of materials to be discharged or dumped and means of conveyance. If more space is needed, use remarks section on page 4 or add a supplemental sheet. (See Part III of the Guide for additional information required for certain activities.)

The proposed project consists of a combination of dragline and excavator-based strip mining at the proposed project site. Mining at the site will be accomplished utilizing a single mining for the majority of the site. Dragline mining involves the use of a dragline, which is a large crawler-like earthmoving machine. Mining and other reclamation require moving more material than can be accomplished with standard excavation equipment. Draglines can efficiently move large quantities of material. A large-capacity bucket is used on the end of the boom, scooping material that is then moved to adjacent areas. Draglines are commonly powered and run by fuel engines, an operator and an idler. When mining is occurring, measures must be taken to protect the areas adjacent to the mine property. Areas are constructed to ensure that muddy water does not leave the mine property and affect local waterways. Heritage ditches, on the outside of the basin, provide isolation to surrounding properties to ensure muddy does not impact groundwater levels on the surrounding property. Prior to mining the basin will be harvested and the lands cleared. The basin, ponds and best management practices for sediment control are constructed and installed. The layout is designed for use during reclamation. The permanent facilities are then constructed and installed. The mining process proceeds as follows: The dragline moves through the mining area excavating the material to be mined which is stockpiled nearby. It is then transported to an open bucket which leads to a crusher house. The crusher house consists of several large rollers. The material is then transferred to a pulsed conveyor system. The material is then transferred to a pulsed conveyor system. The pulsed conveyor system leads to a machine feed conveyor system. The machine feed conveyor system will intake (or feed) a machine conveyor and feed back to the bottom conveyor. The material leads to the Pre Concentration Plant (PCP). In the PCP, spiral classifiers, undersize and size the heavy mineral sands from the lighter chips and quartz sand and then leads to the Fine Concentration Plant. The Fine Concentration Plant further reduces and separates the material for processing. The material from the PCP is transported to the Mineral Separation Plant (MSP). The MSP separates valuable and non-valuable mineral products such as zircon, ilmenite, rutile, titanite, etc. Also products have been reported, the final products will be contained, then shipped or stored as well dependent upon customer requirements. The tailings from the PCP/MSP area will be temporarily stockpiled. Tailings will be loaded onto the machine feed conveyor system. The machine feed conveyor system will convey material onto a reclamation conveyor. The reclamation conveyor deposits the tailings back into the mined pit area for reclamation. As well as reclamation the tailings are transferred from their stockpiles to the open mined area where they are deposited. The areas are then recontoured, covered with forest and reestablished to meet reclamation standards. The reclamation is a continuous process.

8. Proposed use: Private Public Commercial Other (Explain)
 Heavy mineral sand mining facility

9. Names and addresses of adjoining property owners whose property also adjoins the waterway.

DAVONER ATLANTIC TRUSS COMPANY 610 DAVONER TRUCK SERVICES POST OFFICE BOX 19138 MOBILE, AL 36614 TIA TIMBERLAND LLC C/O GREENWOOD RESOURCES INC. 1520 SOUTH FIRST AVE. SUITE 1154 GULF BORO PORTS

10. Date activity is proposed to commence 1-1-2020
 Date activity is expected to be completed 1-1-2028

11. Is any portion of the activity for which authorization is sought now complete Y N
 a. If answer is "Yes", give reasons in the remarks in the remarks section. Indicate the existing work on the drawings.
 b. If the fill or work is existing, indicate date of commencement and completion.
 c. If not completed, indicate percentage completed.

12. List of approvals or certifications required by other Federal, State or local agencies for any structures, construction discharges, deposits or other activities described in this application. Please show zoning approval or status of zoning for this project.

Issuing Agency	Type Approval	Identification No.	Date/Application	Date/Approval
Georgia EPD	Industrial Surface Water and Groundwater		not yet applied	
Georgia EPD	Process Wastewater Discharge NPDES-I		not yet applied	
Georgia EPD	NPDES Stormwater Permit		not yet applied	
Georgia EPD	Surface Mining Permit		not yet applied	