

10. The applicant has provided geotechnical report which includes the required test drilling to establish the seasonal high water table within the mining area. The grading proposes to stay 3 feet above the estimated seasonal high water table.
11. Backfilling is not proposed other than clean material to help with reclamation activities after mining to return the land to agricultural use.

III. Excavation and Fill permit

- a. An Excavation and Fill permit is required since this is a major mining activity.
- b. Application Requirements.
 1. Boundary Survey was provided for the mine area. A boundary survey for the property containing the haul route was not provided.
 2. Site Plan was provided as Sheet SM2. The site plan provides the required information with the exception of distances of buildings to property lines and distances to existing offsite structures.
 3. A sheet with the proposed hauling route was provided.
 4. A description of the proposed work was provided in the DNM cover letter. The expected duration of the activity does not appear to have been provided.
 5. The proposed activity is not within an environmentally sensitive area. A copy of the SWFWMD ERP permit was provided.
 6. The project is not located within the 100-year flood plain of the Suwannee River.
 7. The project does not appear to be creating a pond. The proposed excavation depth is indicated to be 3 feet above the estimated seasonal high water table established in the geotechnical report provided in the ERP application.
 8. The project is not within an existing body of water.
 9. The project is not near any stormwater system currently maintained by a public or private entity.
 10. A berm is mentioned in the DNM cover letter within the 100 foot buffer. The berm is not shown or detailed in the plans provided. It is not apparent if such a berm would affect the natural flow or drainage patten of surface water into the site from offsite areas.
 11. Application Fee. Defer to the Development Department.
- c. Permit Review and approval process
 1. Hauling Requirements.
 - a) Does not appear to be applicable to a mine.
 - b) Does not appear to be applicable to a mine.
 - c) Does not appear to be applicable to a mine.
 - d) Include in the permit and Special Exception order.
 2. The maximum excavation depth is proposed to be 3 feet above the estimated seasonal high water table as established in the geotechnical report provided in the ERP application.
 3. No blasting is proposed.
 4. No excavation is proposed within 100 feet of the right-of-way of a public road, nor 50 feet of a property line or a private easement.
 5. The proposed side slopes of the excavation are indicated to be 1V:3H maximum
 6. This review serves as the County Engineers review of the Excavation and Fill permit application and the Special Exception permit application.
 7. **The County Engineer finds that the 3RT Sand Mine is not expected to be detrimental to the health, safety or general welfare of the adjacent properties or the community and recommends approval of the application with the following stipulations:**