

- a) Any berm constructed along the perimeter be design and constructed to permit runoff from offsite areas which historically flowed into the mine property to continue to do so.
- b) Buffers as described in the DNM cover letter are implemented around the perimeter of the mining area. The berm shall only be required where necessary to screen the site from adjacent residential homes.
- c) Should offsite areas adjacent to the proposed haul route be adversely affected, the haul route shall be adjusted to eliminate the adverse condition within a reasonable period of time.
- d) Should any groundwater become apparent in the excavation area, the area will be backfilled to a level 3 feet above the water level.
- e) Existing wells within the mine area will either be properly abandoned or a minimum 100 foot radius buffer will be maintained around the well.
- f) Once final grades are reached by the excavation, the area will be reclaimed by restoring vegetation to the area within 3 months.
- g) A berm, excavation or other method shall be implemented where runoff from the excavation area may leave the site.
- h) Areas within the proposed mine area, which are not currently being mined shall remain either as pasture or cropped in accordance with established Best Management Practices.

8. Include language in the permit.

9. The SWFWMD permit has been obtained and provided. Acknowledgement and approval of the FDEP notice of intent to mine shall be provided prior to issuance of permit.

d. Operation of permit

1. Posting permit at site. Include language in permit.

2. Duration. Duration of the permit needs to be established. A sunset provision needs to be provided in the special exception order and the excavation and fill permit.

3. Inspections. Code language doesn't appear to anticipate an ongoing mine project. Any required inspections should be included in the Special Exception order and the Excavation and Fill permit.

4. Forfeiture. Include language in permit.

The above information constitutes the County Engineer's review of the 3RT Sand Mine Special Exception and Excavation and Fill Permit Application.

D. Andrew Carswell, State of Florida, Professional Engineer, License No. 45831

This item has been electronically signed and sealed by D. Andrew Carswell, PE on the date indicated here using a SHA authentication code. Printed copies of this document are not considered signed and sealed and the SHA authentication code must be verified on any electronic copies.

SIGNATURE DATE: 6/15/2023