

use. The project is not within environmentally sensitive lands. The project does not appear to breach any level of service requirements.

5. The proposed activity does not appear to impact any springs, rivers, tributaries or water quality. Refer to DNM's cover letter dated May 24, 2023, response to c.5 for distances to relevant features and offsite potable wells. The excavation is proposed to stay above the seasonal high water table as determined in borings conducted on the site as presented in the applicants Environmental Resource Permit application submitted and permitted by the SWFWMD under 43046299.000 dated December 22, 2022. The ERP permit indicates no environmental concerns, no flood plain impacts, and no offsite impacts. No blasting is proposed at this site. Further study by a professional geologist does not appear to be necessary.
6. A buffer around the mine area is proposed to control, noise, odor, dust, vibration, off-site glare. Refer to DNM's cover letter dated May 24, 2023, response to c.6. Due to the nature of the proposed activity, the proposed buffers appear to be adequate. Impacts to surrounding development and roadways is commented on in "ii" above.
7. The proposed activity does not appear to near any state, federal, or county park.
8. The proposed activity is not near any dumpsites, landfills, effluent ponds, public water supply wellhead.
9. The site is not located in any prohibited area set forth in (d)(1).
10. The applicant has obtained an Environmental Resource Permit from the SWFWMD and has submitted a notice of intent to mine to FDEP. Note that the application package for the notice of intent to mine does not appear to have been provided in the Special Exception package.
11. As discuss above the proposed activity appear to be sufficiently separated from residential and business areas to not be detrimental to the public health, safety or welfare.

d. Specific criteria

1. Prohibited areas

- a) Site not located within required distance of abandoned dumpsites, landfills, or effluent ponds as identified by FDEP.
- b) Site is not located within 1000 feet of a public water supply wellhead and no blasting is proposed.
- c) Site is not located within one mile of a public water supply wellhead.
- d) Site is not located within 2 miles of Manatee Springs or Fanning Springs State park.
- e) Site is not located within one mile corridor (one-half mile on either side) of known geological features with the potential to Impact Manatee Springs or Fanning Springs. Additional study is not recommended to be required.
- f) The site is not located within one-quarter mile of schools, hospitals, parks.
- g) The site is not located within one-quarter mile of a platted and recorded subdivision with lot sizes of 5 acres or less. There are unrecorded subdivision with 5 acre lots adjacent to the east boundary of the site. The applicant is proposing a 100 foot buffer with a minimum 50 vegetative area. A berm is also proposed in some areas to provide additional screening.

2. Buffering Standards

- a) Applicant is proposing a 100 foot buffer round the total mine area. This is shown on the plans and described in the DNM cover letter. Note that the plans do not specify or detail the makeup of the buffer.