

wells, and more than 1000 feet from any public supply wells which may directly or indirectly result in the occurrence of one or more of the following:

- i) The deterioration of water quality of adjacent private or public supply wells, or reduction of their water level.
- ii) The deterioration of water quality of flow of Manatee Springs or Fanning Springs.
- f) The proposed mining operation is located more than one-quarter mile (1,320+/- feet) from any schools, hospitals, county, state, or federal parks;
- g) The proposed mining operation is located more than one-quarter mile (1,320+/- feet) from a platted and recorded subdivision with lot sizes of five acres or less that include constructed streets and developed parcels. The subject property is located approximately 2,640+/- feet from the Black Jack Ridge Estates Subdivision to the Northwest of the subject property and approximately 1,338+/- feet to the Sunny Highlands Subdivision located to the North/Northwest of the subject property. The distance can be reduced to 660 feet to the platted subdivisions since buffering is provided and if approved by the Levy County BOCC;

2) Buffering Standards:

- a) Length: The proposed mining operation will incorporate a buffer along the entire perimeter of the subject property (18,500+/- linear feet) as to shield mining activity from incompatible land uses.
- b) Depth: The proposed mining operation will provide a minimum of 100 feet depth buffer setback measured perpendicularly from the subject property's property boundary;
- c) Opacity: The proposed mining operation will provide a vegetative buffer consisting of three (3) rows of native sand pine trees spaced six (6) feet apart and staggered rows spaced eight (8) feet apart. In addition, it is proposed to utilize overburden material and excavated sand to create an 8+/- feet high earthen berm with 1:1 side slopes to provide the required 80% opacity standard;