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ATTACHMENT A
CPA 17-00
Board of County Commissioners

CPA 17-00, an application by the Board of County Commissioners to amend the text of the Future Land Use Element of the Comprehensive Plan.

Policy I.3.2 ~~The County shall require that mining operations be limited to those areas shown in Appendix A of the Future Land Use Map Series of this Comprehensive Plan entitled Mining Areas, provided no mining or borrow pit operations shall be allowed within a recorded subdivision. An amendment of this Comprehensive Plan shall be required to add or delete mining areas from this illustration. All such mining activities shall be conducted in accordance with the following criteria:~~

- ~~1. The filing of a mining master plan with the Board of County Commissioners, which shall:~~
 - ~~a. Describe the boundaries of the areas of proposed mining;~~
 - ~~b. Describe the location of existing or proposed processing facilities, highways and railroads;~~
 - ~~c. Provide a topographic map of the area and its relationship to watersheds, drainage ways, floodways, streams, rivers and lakes;~~
 - ~~d. Describe the mining process to be conducted; and~~
 - ~~e. Describe the reclamation process to be conducted after mining, including the delineation of areas to be restored.~~
- ~~2. Upon review of the mining master plan the Board of County Commissioners may approve, approve with conditions or deny an operating permit to commence the activities stated within the master plan, subject to all areas mined or disturbed by mining operations be reclaimed. Land and water areas shall be considered reclaimed if they include the following, when applicable:~~
 - ~~a. Land areas not less than 3 feet above the ground water table, that have been graded to a level, gently rolling, sloping or terraced topography, with major continuous slopes no steeper than 4 horizontal to 1 vertical and in a way to minimize erosion due to rainfall, break up long uninterrupted slopes and make the surface suitable for vegetation. Vegetation shall be appropriately planted to prevent erosion and promote the future land use of the reclaimed area.~~
 - ~~b. Water areas shall have a diversity of shallow and deep areas to enhance lake productivity for fish and wildlife habitat. Subaqueous slopes shall be no steeper than 4 horizontal to 1 vertical out to 6 foot depth at design elevation. Water quality shall be satisfactory for fish production and other wildlife. Such water quality shall not be degraded below the existing water quality classification established~~

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by the Florida Department of Environmental Protection.

- e. ~~Reclamation shall commence on mined areas, not used for waste settling areas, within 18 months after mining is completed in the area. Progress shall be according to a time schedule established prior to commencing work and reported upon annually as the reclamation accomplished during the preceding calendar year.~~
- d. ~~Other standards set forth in Chapter 62C-16, Florida Administrative Code, Mine Reclamation, in effect on January 1, 2003, shall be applied in this policy. Nothing in this policy shall be in conflict with Chapter 62C-16, Florida Administrative Code, in effect on January 1, 2003.~~
- e. ~~Mining shall be prohibited which will result in an adverse effect on environmentally sensitive lands, such as surface water and groundwater resources, wetlands, floodplains endangered, threatened, or species of special concern wildlife habitats, as designated by the Florida Fish and Wildlife Conservation Commission within the publication entitled Critical Wildlife Conservation Areas, and rare or unique vegetative communities which cannot be restored, based upon competent and substantial scientific evidence presented to the County at the time the master mining plan is reviewed by the Board of County Commissioners. Environmentally sensitive lands, such as wetlands, floodplains, endangered, threatened, or species of special concern wildlife habitats, as designated by the Florida Fish and Wildlife Conservation Commission within the publication entitled Critical Wildlife Conservation Areas, and rare or unique vegetative communities, which can be restored, shall be restored to the same type, nature and function ecosystem.~~
- f. ~~Mining operations shall provide a minimum of a 200 foot buffer from adjacent properties.~~

~~For the purposes of this Comprehensive Plan "restoration" when used in conjunction with mining operations shall mean the recontouring and revegetation of lands, which will return the type, nature, and function of the ecosystem to the condition in existence immediately prior to mining operations. The County shall recognize technological limitations and economic considerations concerning the methods and practices to be used to restore environmentally sensitive lands, such as wetlands, floodplains, endangered, threatened, or species of special concern wildlife habitats, as designated by the Florida Fish and Wildlife Conservation Commission within the publication entitled Critical Wildlife Conservation Areas, and rare or unique vegetative communities. However, such considerations shall not result in environmentally sensitive lands, such as wetlands, floodplains, endangered, threatened, or species of special concern wildlife habitats, as designated by the Florida Fish and Wildlife Conservation Commission within the publication entitled Critical Wildlife Conservation Areas, and rare or unique vegetative communities, not being restored to the same type, nature and function ecosystem. For example, restoration shall be considered accomplished when immature trees are used; mature trees are not required to be replanted in areas where mature trees were~~

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~~removed to allow for mining.~~

~~For the purposes of this Comprehensive Plan "revegetation" when used in conjunction with mining operations in reclaimed areas means a cover of vegetation consistent with land form created and the future land uses. In restored areas, it means a cover of vegetation that is designed to return the restored area to the condition in existence prior to mining operations.~~

OBJECTIVE I.3 **Regulate extraction activities so that they do not adversely affect the quality of air, groundwater, surface water, land and wildlife.**

Policy I.3.1 **The County shall develop a comprehensive approach to mineral resources. Existing land development regulations that address mineral resources shall be reviewed, consolidated, and revised to provide for comprehensive natural resource protection. Revisions shall include the following:**

- (a) Identification of a mining and excavation district, with associated policy directives.**
- (b) Restriction of mining and excavation in conservation areas.**
- (c) Provisions for avoidance, minimization, and mitigation of adverse impacts, including but not limited to impacts related to noise, lighting, traffic, habitat, listed species, air, surface water and ground water quality and quantity.**
- (d) Standards for reclamation and reuse that provide for restoration of the functions of natural systems.**

Policy I.3.2 **The land development regulations shall address mining, land excavation and filling activities, and shall include provisions for reclamation and reuse, and assure successful completion of approved reclamation and reuse plans. Mining, land excavation and filling activities shall be consistent with the land development regulations which shall provide for permit requirements and standards for site location, site design, environmental protection and reclamation.**

Policy I.3.3 **The quality and quantity of ground and surface waters shall not be significantly altered through extraction operations. Potential groundwater impacts shall be evaluated by the applicant prior to commencement of mining activities as part of the permitting process. Water quality and quantity monitoring activities at extraction sites shall be reviewed by the County. Costs for providing water quality and quantity monitoring at extraction sites shall be borne by the extractor.**

Policy I.3.4 **Extraction operations shall minimize potential adverse impacts to surrounding areas and use specific mitigation criteria to minimize air, noise and traffic impacts.**

Policy I.3.5 **Buffer zones shall be established adjacent to natural streams and watercourses and existing parks and preserves so that they will not be adversely impacted by extraction activities.**

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Policy I.3.6

Mining activities shall not be initiated in established residential areas or in designated conservation areas identified on the Future Land Use Map. New residential developments shall be restricted in the vicinity of operating mines or shall provide for adequate buffers and noise abatement. Areas containing sources of commercially valuable minerals shall be protected from the encroachment of incompatible land uses.

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