



North Central Florida Regional Planning Council



Union County Mining Comprehensive Plan Workshop

December 18, 2017

North Central Florida
Regional Planning Council



Overview

- ❑ Comprehensive Plan
Amendment Option #1

Mining Text

- ❑ Comprehensive Plan
Amendment Option #2

Mining Text



Comprehensive Plan Mining Amendment Option #1

- ❑ Delete and replace Illustration A-X of the Future Land Use Plan Map Series, entitled Mining Areas with a revised map, excluding: Lake Butler, Swift Pond Creek, and Lake Palestine.
- ❑ Limit mining operations to those areas shown on the Mining Areas map.
- ❑ Comprehensive Plan amendment required to add or delete areas from Illustration A-X.



Comprehensive Plan Mining Amendment Option #2

- ❑ Delete Illustration A-X of the Future Land Use Plan Map Series, entitled Mining Areas.
- ❑ Remove proposed text language to identify mining and excavation districts.
- ❑ Prohibit mining operations in wetlands and adjacent to lakes, rivers, streams and creeks.



Comprehensive Plan Mining Amendment

- ❑ Regulate extraction activities to prevent adverse affects on the quality of:
 - ❑ Air;
 - ❑ Groundwater;
 - ❑ Surface water;
 - ❑ Land; and
 - ❑ Wildlife.



Comprehensive Plan Mining Amendment

- ❑ Comprehensive Plan Natural Resource Protection
 - ❑ Identification of mining and excavation district (Text for Option 1 only);
 - ❑ Prohibition in environmentally sensitive areas and conservation areas on Future Land Use Map;
 - ❑ Avoidance, minimization, and mitigation of adverse impacts; and
 - ❑ Restoration of function of natural systems.



Comprehensive Plan Mining Amendment

- ❑ Requires land development regulations address mining, land excavation, filling activities, reclamation and reuse;
- ❑ Requires mining activities be consistent with land development regulations; and
- ❑ Restoration of function of natural systems.



Comprehensive Plan Mining Amendment

- ❑ Requires land development regulations provide permit requirements and standards for:
 - ❑ Site Location;
 - ❑ Site Design;
 - ❑ Environmental Protection; and
 - ❑ Reclamation.



Comprehensive Plan Mining Amendment

- ❑ As part of the permitting process, potential groundwater impacts to be evaluated by applicant prior to commencement of mining activities; and
- ❑ Water quality and quantity monitoring activities at extraction sites by County shall be paid for by applicant.



Comprehensive Plan Mining Amendment

- Extraction operations shall use specific mitigation criteria to minimize adverse impact on:
 - Air;
 - Noise; and
 - Traffic.



Comprehensive Plan Mining Amendment

- ❑ Buffer zones for extraction operations adjacent to:
 - ❑ Surface waters;
 - ❑ Wetlands;
 - ❑ Existing parks; and
 - ❑ Preserves.

- ❑ Surface water or wetland boundary to which buffer is applied would be determined using methodology in Chapter 62-340, Florida Administrative Code.



Comprehensive Plan Mining Amendment

- Mining activities **prohibited** in:
 - **Recorded subdivision** and established residential areas; and
 - Designated **environmentally sensitive areas** and conservation areas identified **on the Future Land Use Map**.



Comprehensive Plan Mining Amendment

- ❑ Operating mine vicinity:
 - ❑ New residential development shall be restricted; or
 - ❑ Provide for adequate buffers and noise abatement.



Comprehensive Plan Mining Amendment

- Areas containing sources of commercially valuable minerals, in areas determined suitable by the County for mining and where mining operation permit has been approved by the County, shall be protected from encroachment of incompatible land uses.



Comprehensive Plan Mining Amendment

- ❑ Suwannee River System 100-Year Floodplain Special Planning Area in the Future Land Use Element
 - ❑ Amended objectives and policies to include the Santa Fe River and the New River.
 - ❑ Amended Policy S.3.4 to state that mining activities will comply with buffer standards established pursuant to the policies of proposed Objective I.3.



Comprehensive Plan Mining Amendment

□ Conservation Element

- Amended several policies referencing the development review process, development plans, new development, proposed development, site plans and developers to also include **mining activities, proposed mining activity, mining operation permit; applicant for any proposed mining activity.**
- Amended Policy V.2.8 to **prohibit** mining operations within wetlands.



Summary

- ❑ Option 1 deletes and replaces the Mining Areas Map with a revised map, excluding Lake Butler, Swift Creek Pond, and Lake Palestine.
- ❑ Option 2 deletes the Mining Areas Map
- ❑ Both options regulate extraction activities to protect quality of air, groundwater, surface water, land and wildlife.





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