



OFFICE OF AGRICULTURAL WATER POLICY

AGRICULTURE AND THE BANANA RIVER BMAP

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Best Management Practices (BMPs)

- **Agricultural BMPs**

- Most effective and practicable means for improving water quality
 - Determined through research, field-testing, and expert review
- Adopted by FDACS, verified effective by DEP
- Must be economically and technically feasible for the producer to implement
 - When funding is available, FDACS works with producers to provide cost-share for some BMPs



Agriculture's Role in BMAPs

- Commercial agricultural operations within BMAP areas have two options:
 - Enroll in and implement FDACS BMPs
 - Follow a FDEP- or WMD-prescribed water quality monitoring plan at their own expense

Failure to do either could result in enforcement action by FDEP or the applicable WMD.



Typical Agricultural BMPs

- **Nutrient Management**

- Practices designed to use fertilizer to effectively provide necessary crop nutrients while protecting against adverse environmental effects
 - Soil testing, plant tissue testing, fertilizer application timing

- **Irrigation Management**

- Control the volume and frequency of irrigation water applied to crops, to meet water needs of crops while conserving water resources



Agricultural Acres

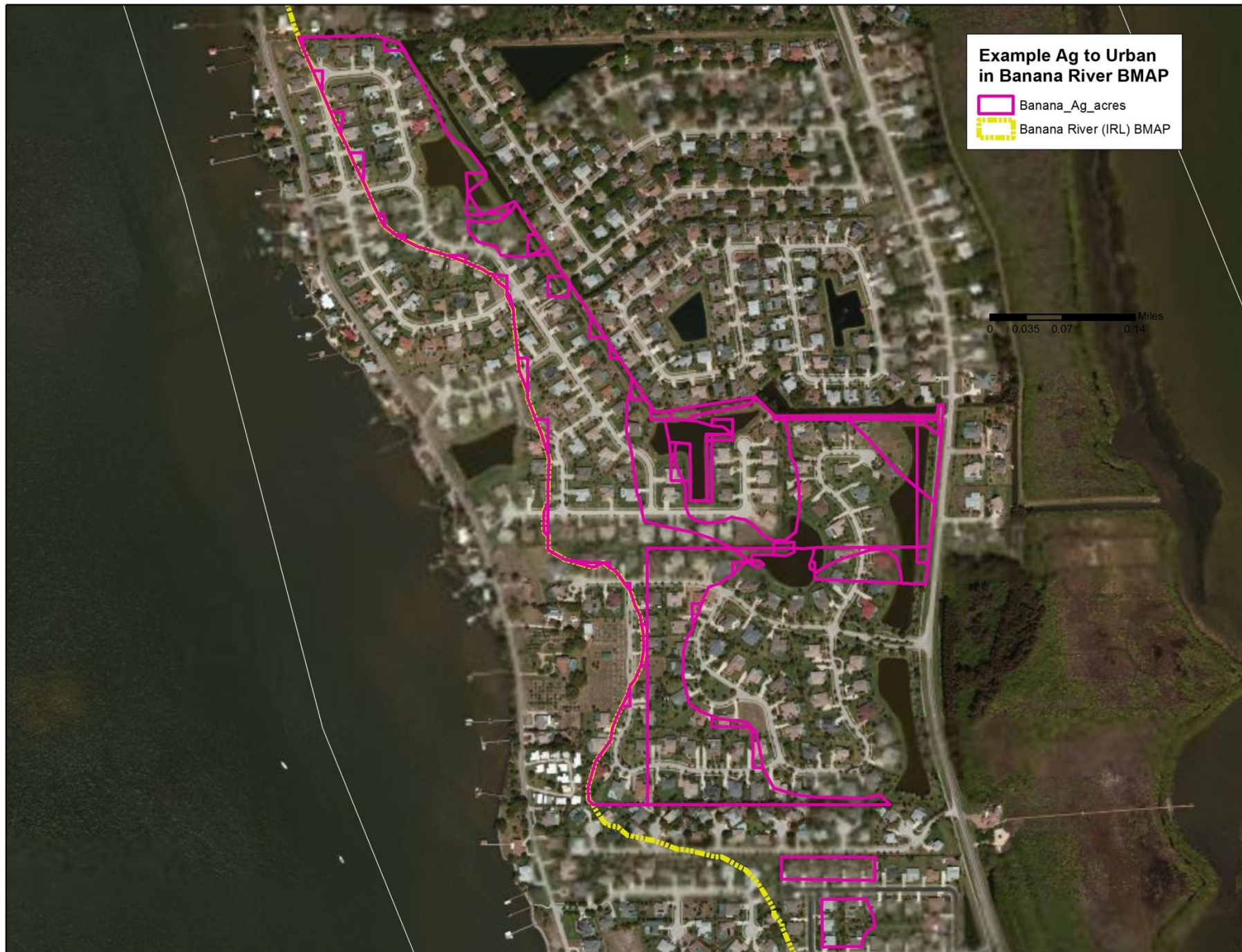
- **TMDL based on SJRWMD land use/land cover from 2000**
 - 231 acres of agricultural land cover
- **Significant land use changes since 2000**
 - 138 acres converted to urban/transportation uses
 - 73 acres abandoned citrus
 - Aerial imagery shows no active citrus or other agricultural operations



Example Ag to Urban in Banana River BMAP

- Banana_Ag_acres
- Banana River (IRL) BMAP

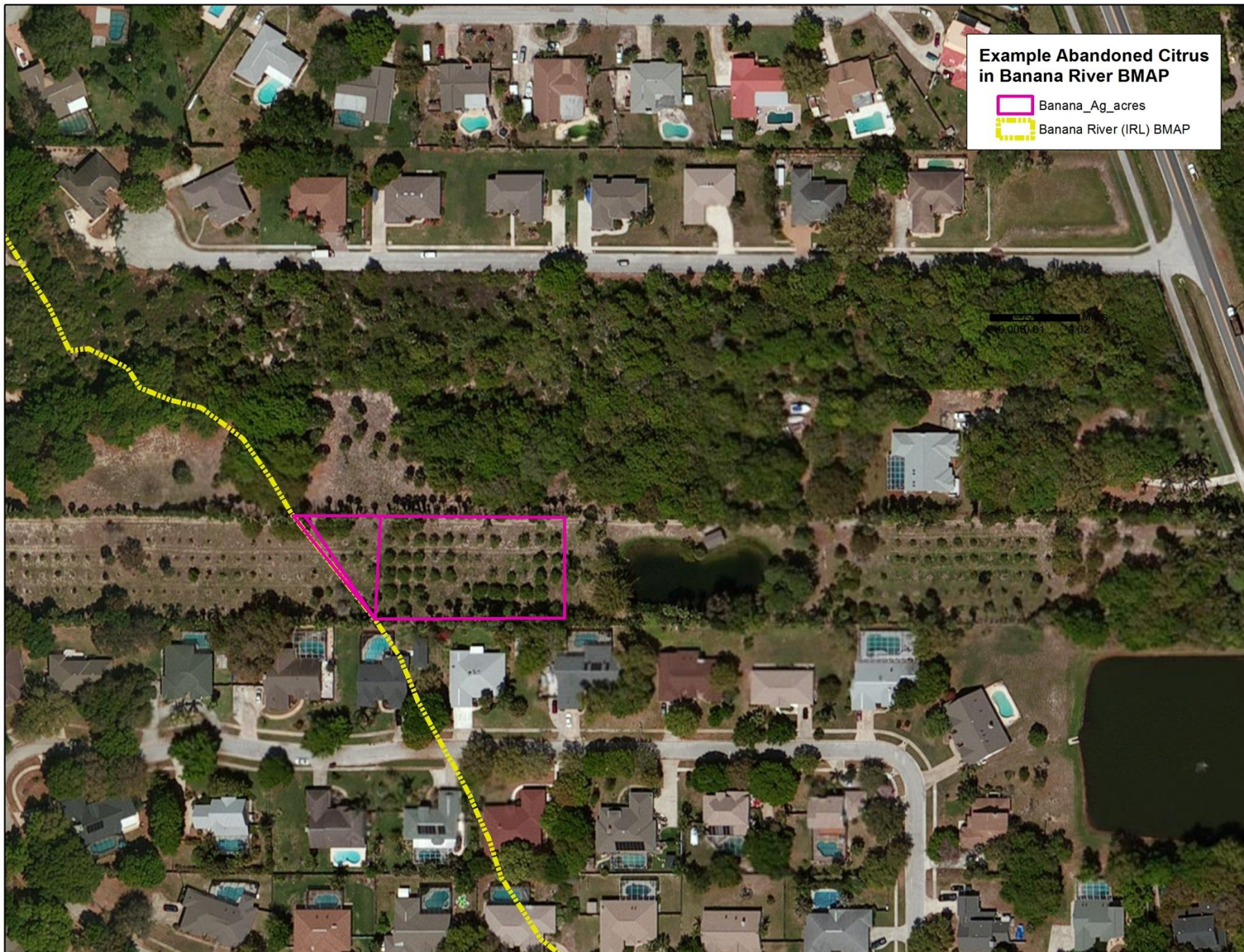
0 0.035 0.07 0.14 Miles



Example Abandoned Citrus in Banana River BMAP

- Banana_Ag_acres
- Banana River (IRL) BMAP

0.00 0.01 0.02 Miles



BMP Enrollment

- There likely are ***no active commercial agriculture operations*** remaining in this BMAP area
 - If FDACS staff determine that there are any, they will work toward enrolling producer(s) in the applicable BMP programs



Questions?

For more information on BMP programs:

www.floridaagwaterpolicy.com





Thank You!

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www.FloridaAgWaterPolicy.com

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