

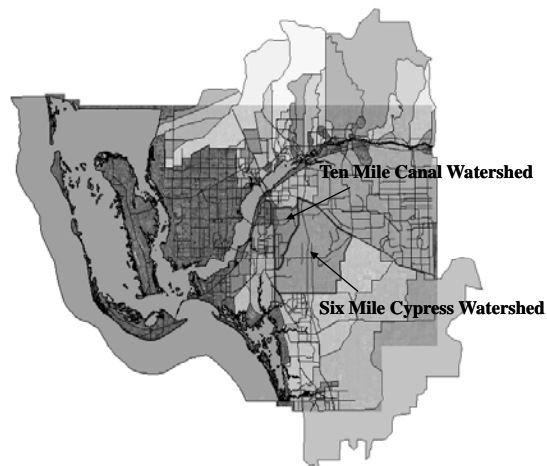


# Ten Mile Canal Filter Marsh Project in Lee County

Anura Karuna-Muni and Roland Ottolini  
Lee County Division of Natural Resources  
Eric Livingston  
Florida Department of Environmental Protection

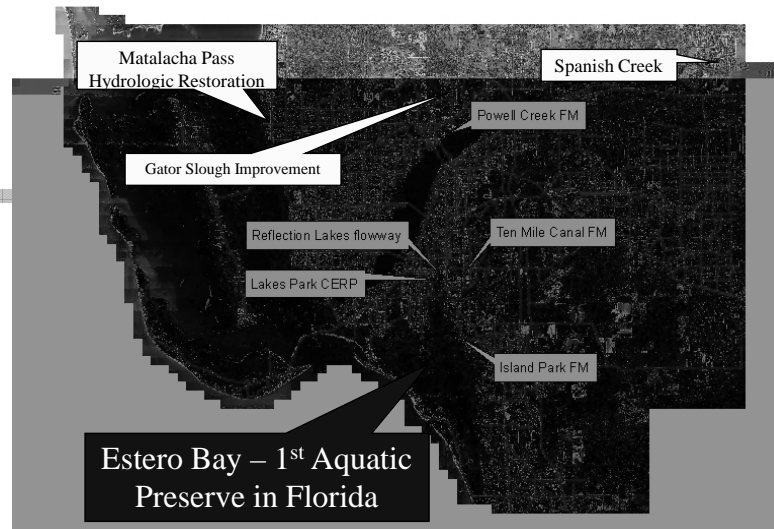
## Ten Mile and Six Mile Watersheds

(approximate area = 43,000 acres)





LEE COUNTY DIVISION OF NATURAL RESOURCES  
**Ongoing Water Quality Improvement Projects**



LEE COUNTY DIVISION OF NATURAL RESOURCES  
**TEN MILE CANAL FILTER MARSH**





## **PROJECT MILESTONES**

- **Project feasibility – until July 2001**
- **Consultant Selection – Sept 2001**
- **Design Alternatives Discussion**
- **Design and Permitting – May 2002**
- **Construction Contract Award – Jan 2005**
- **Substantial Completion – Nov. 2005**
- **Monitoring – Since Dec. 2005**



## **Ten Mile Canal Filter Marsh Tasks:**

- **Location**
- **Design and Permitting**
- **Construction**
- **Project management**
- **Maintenance and Monitoring**
- **Budget**



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## TEN MILE CANAL FILTER MARSH

### Design and Permitting

- Conceptual idea discussion
- Offline filter marsh concept & potential success
- Availability of water through the filter marsh
- Permitting issues
- Other issues – Consultant's prior experience



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## TEN MILE CANAL FILTER MARSH – 3/24/05

### CONSTRUCTION





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**TEN MILE CANAL FILTER MARSH – 3/25/05**



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**TEN MILE CANAL FILTER MARSH**





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**TEN MILE CANAL FILTER MARSH – 3/28/05**



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**TEN MILE CANAL FILTER MARSH – 4/13/05**





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**TEN MILE CANAL FILTER MARSH – 5/25/05**



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**TEN MILE CANAL FILTER MARSH – 6/6/05**

