

Cape Coral

Keeping a Waterfront Wonderland Amidst Urbanization

Harry Phillips

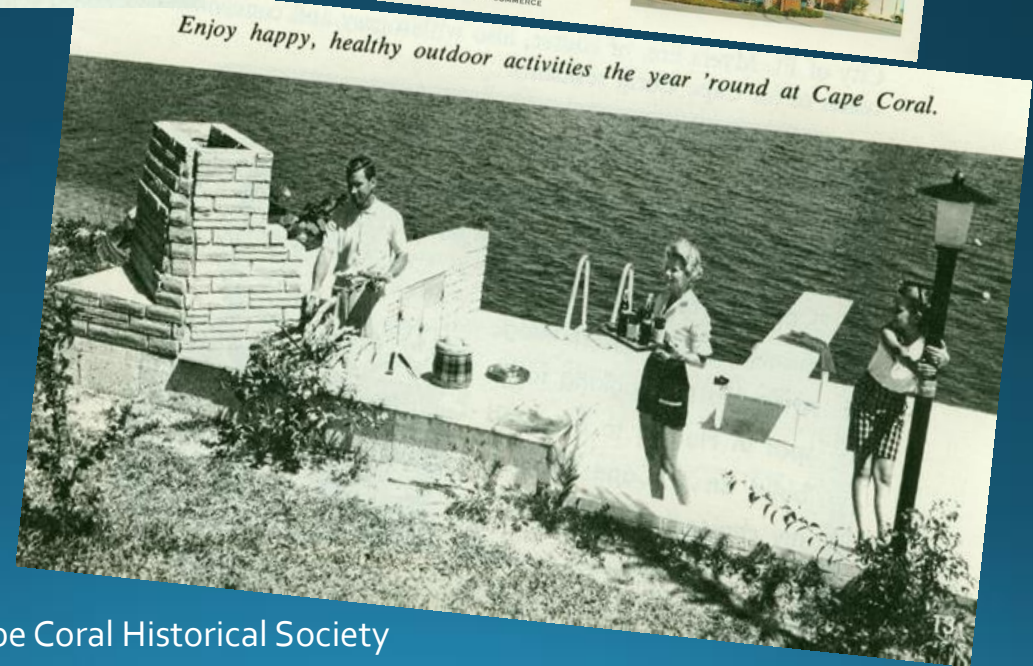
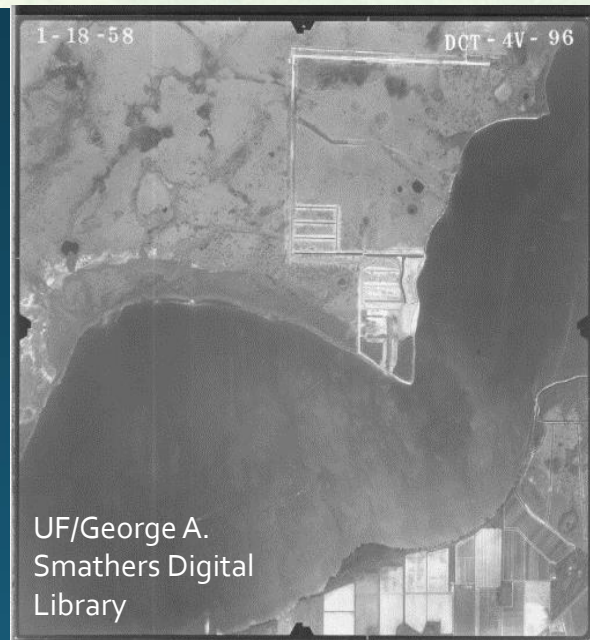
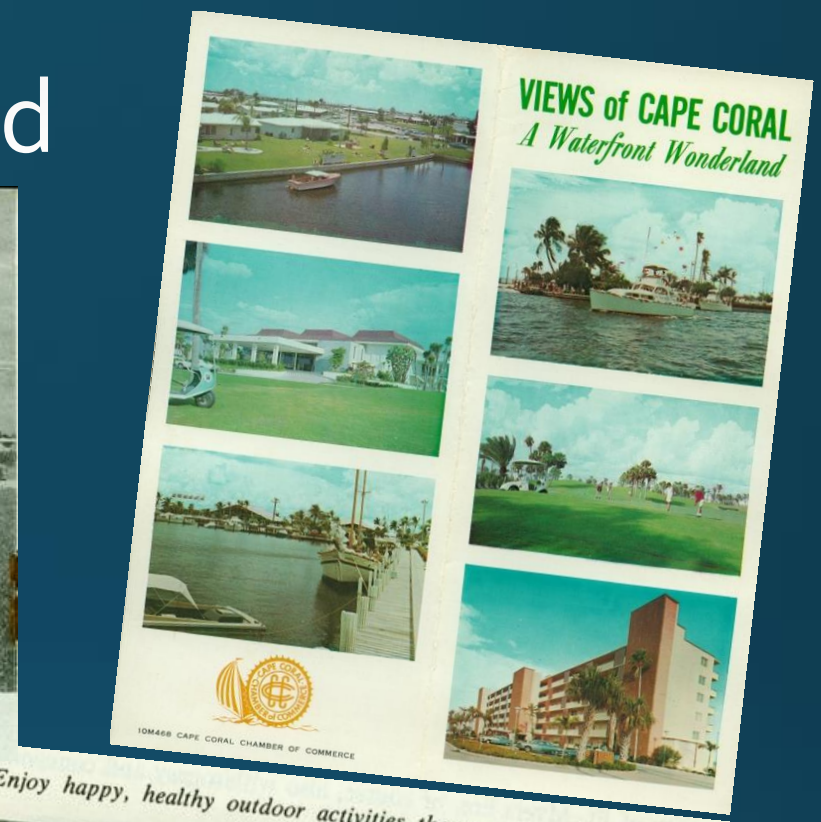
Cape Coral Environmental Resources Division



Waterfront Wonderland



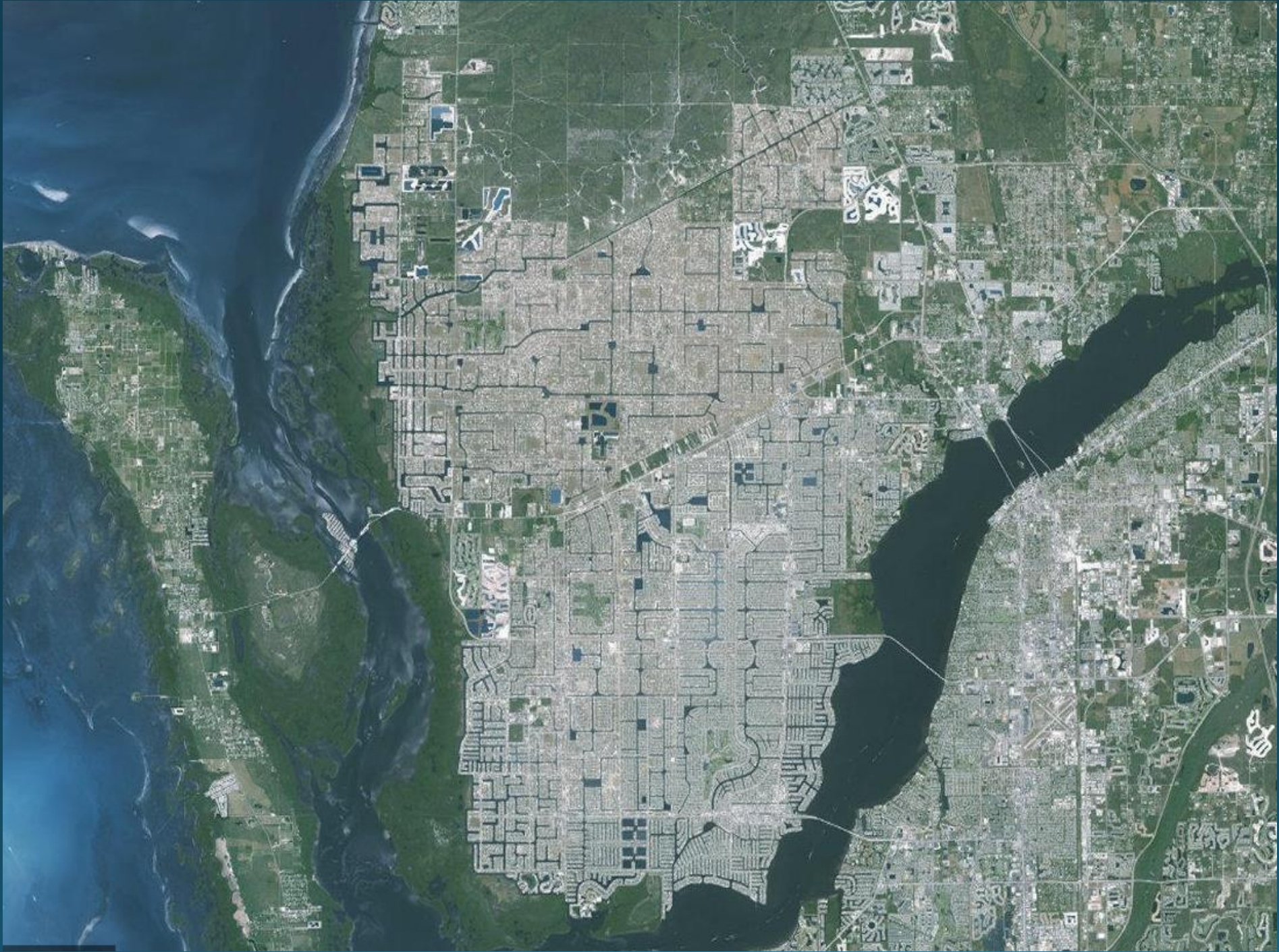
Imagine owning a gorgeous home like this at Cape Coral for only \$10,990



Enjoy happy, healthy outdoor activities the year 'round at Cape Coral.

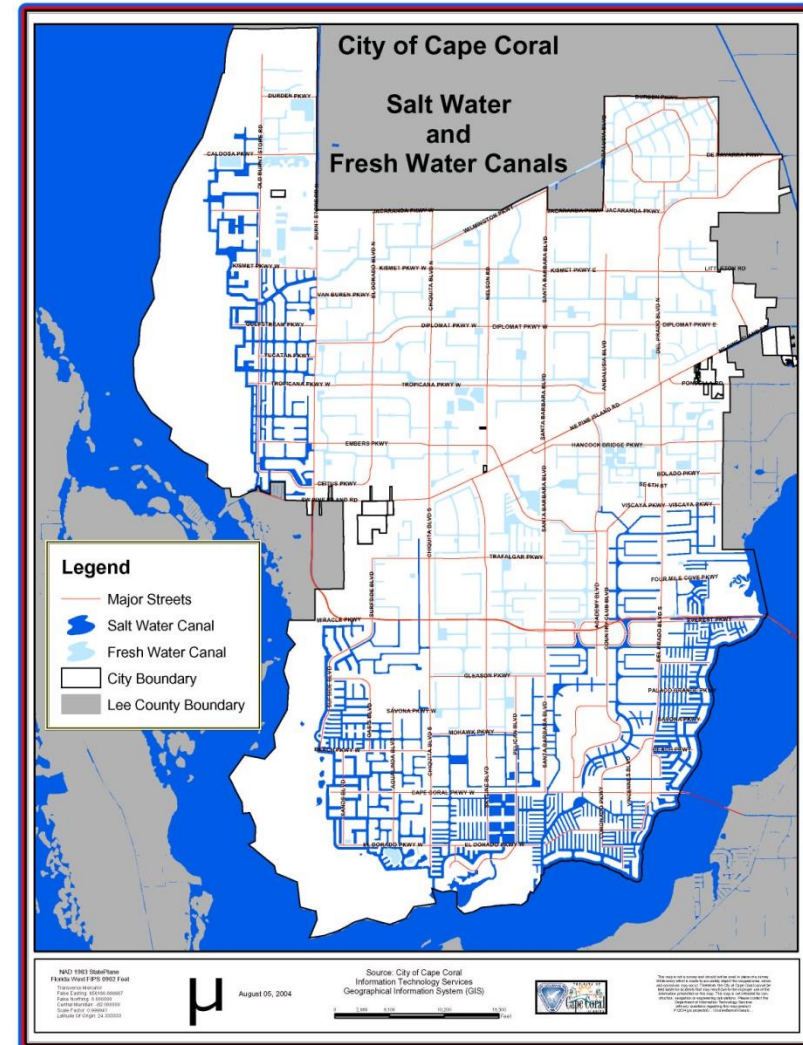


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The Canal System

- Waterfront Property
- Recreation
- Habitat for Wildlife
- Flood Protection
- Stormwater Treatment
- Water for Irrigation



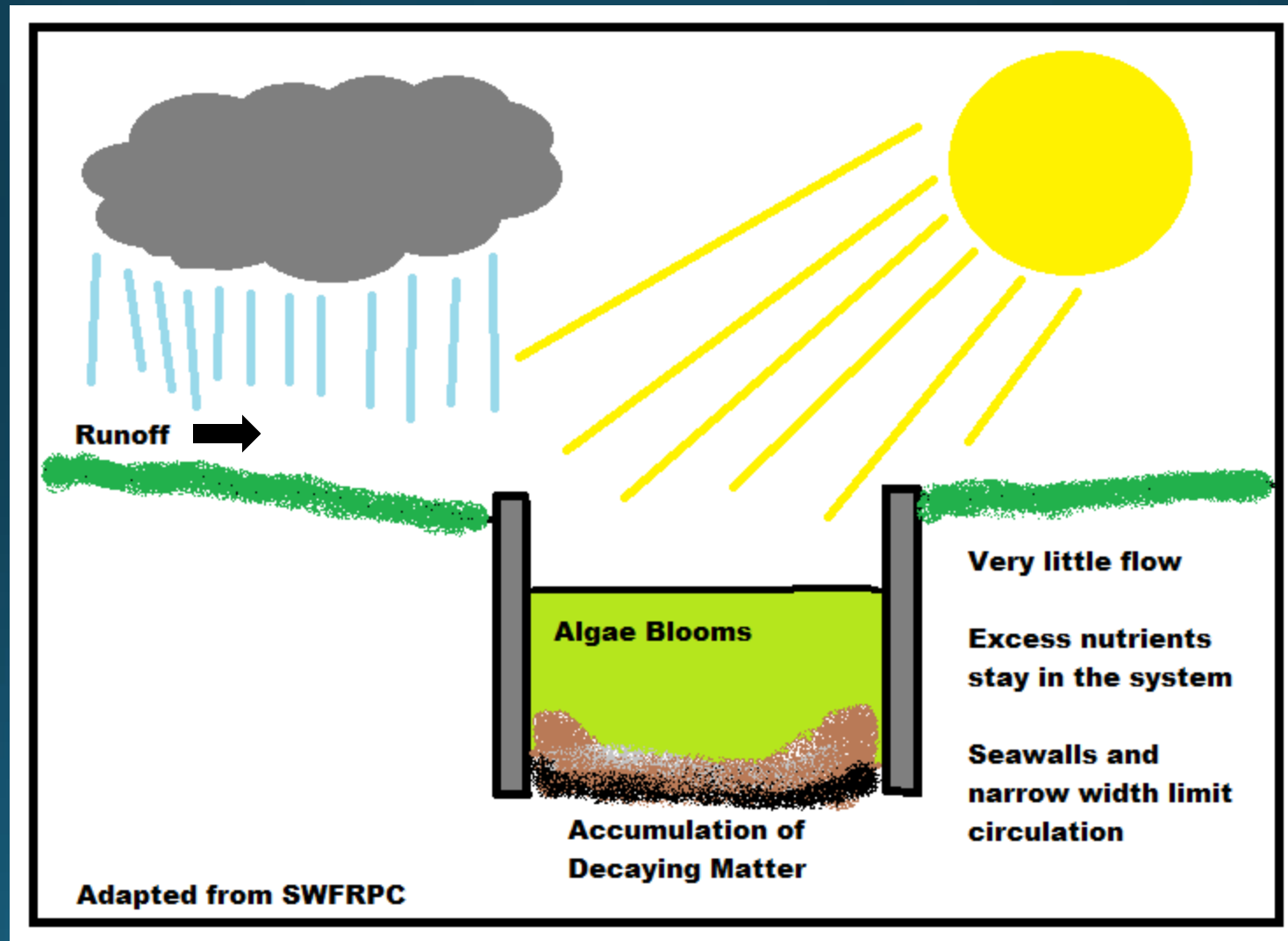
Municipal Separate Stormwater Sewer System (MS⁴)

- 115 Square Miles
- 400 Miles of Canals
- ~300 Freshwater
- ~100 Tidal / Brackish

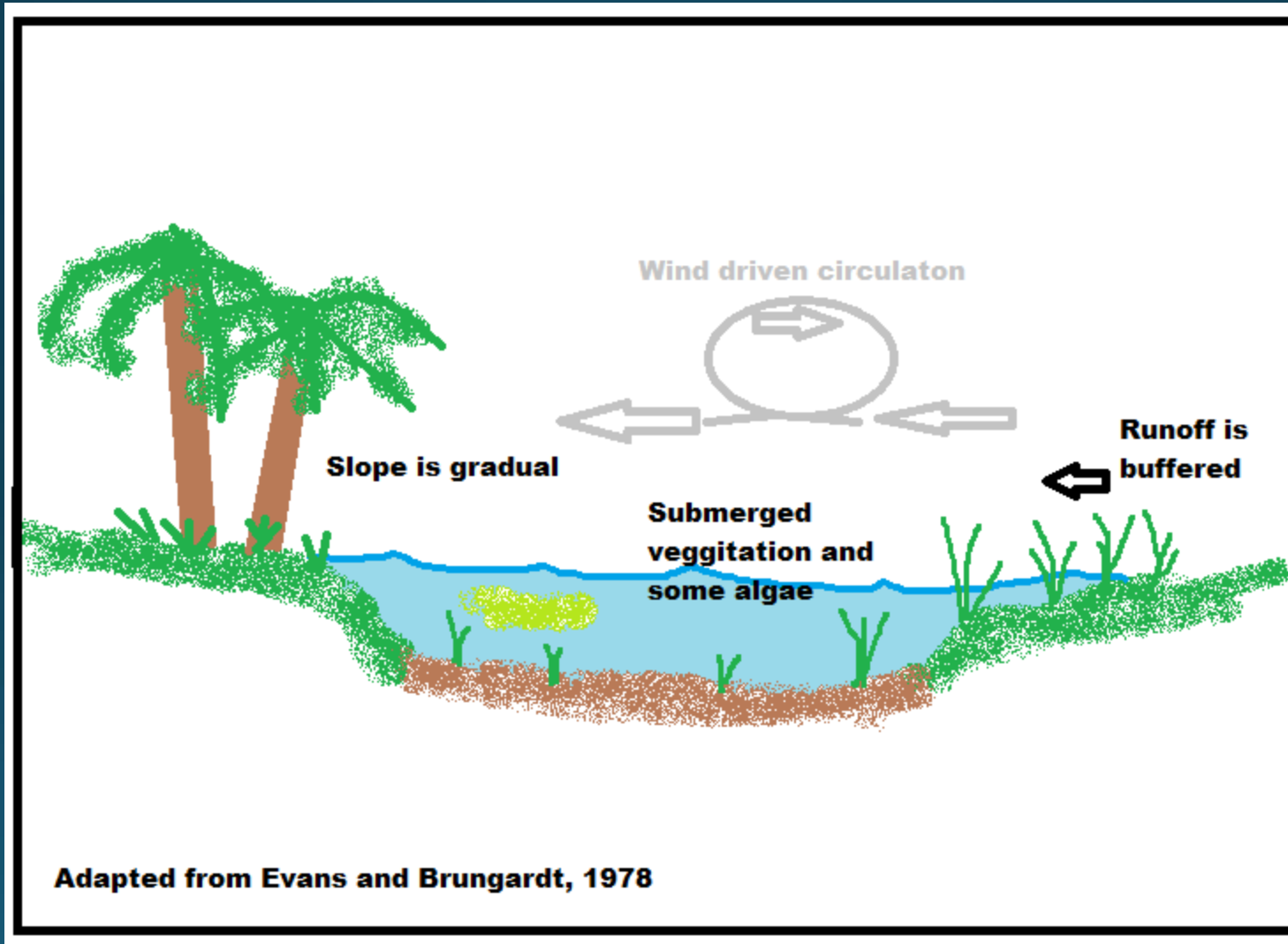
- Retention
 - Dual Water System
 - North / South
- Spreader Waterway System**



Structure of Man-Made Canal



Natural Systems



Issues with too Many Nutrients

Issues with Fertilizers

Algae, Phytoplankton



City of Cape Coral



Photo credit: Lee County Hyacinth Control District



Issues with too many nutrients



March 2015

Ways to Protect the Canal System and surrounding environment

- Street Sweepers
- Swales
- Catch Basins



Wayne Engineering



City of Cape Coral

Ways to Protect the Canal System and surrounding environment

- Public Education
- Better Landscape Management
 - Planting Native Plants / Xeriscape
 - Fertilizer Ordinance
 - Watering Restrictions



City of Cape Coral



Tributary Strategies Program

Florida Yards and Neighborhoods Program



All images
City of Cape Coral

Rain Gardens and Rain Barrels

- Redirecting a down spout into a subsided planting area or barrel.



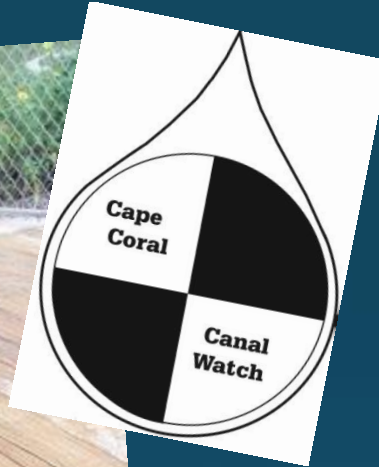
Okeechobee IFAS



City of Cape Coral



Canalwatch Volunteer Program



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Thank you

