Please Welcome Our Newest Volunteers!!!

Charles & Dolores Rockwood (1B)
Gary Brooks (1C)
Lincoln Fretwell (6F)
Carey & Ruth Parks (26D)
Glenn Frederick (70C)
Philip Baschal (60A)
Frank & Beth Desiderio (64B)
Jeanette Chupack (74B)

Future Volunteers:
Alec & Amy Hart (11C)
Frank & Karen Deluca (74A)
Joan DiBattista (42A)
Robert & Anne McGuire (64C)
Susan & Tony Porreca (58F)
Thomas McNamara (25A)

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National Volunteer Week April 23rd - 29th!!!
Cape Coral Canals:

A Public Conference on Water Quality & Quantity

It was a pleasure to see many Canalwatch volunteers present at this conference, sponsored by the Charlotte Harbor National Estuary Program and the City of Cape Coral’s Environmental Resources Division on March 25th. The all day conference included three sessions with guest speakers Dr. Bill Hammond of Florida Gulf Coast University who discussed The Nature of Cape Coral’s Water, Dr. Stephen Bortone of the Sanibel-Captiva Conservation Foundation Marine Laboratory who discussed Water Quality, and Susan Sylvester of the South Florida Water Management District who discussed Water Quantity. Each presentation was followed by facilitated group discussions then a consensus was announced. A fourth session followed to prioritize concerns and suggestions to protect the health of Cape Coral’s Canals. Exhibitors and professionals from local water agencies were also available for citizens to discuss concerns and ask questions.

Here are the primary concerns:

- Many areas of the Cape Coral are experiencing critical water supply problems.
- Water quality also is an issue caused by storm water runoff from yards, roads, parking lots and other impervious areas carrying pollutants into the City’s canals & surrounding estuary.
- Nitrogen loading caused by over-fertilization is a water quality problem in many areas.
- Exotic pests (insects, diseases, plants and animals) are causing significant threats to residential gardens, commercial landscapes and Florida’s natural areas.
- Due to a lack of information, many residents inadvertently contribute to the problem.

How to help:

- Education. Elected officials, homeowners, new residents, volunteer groups, schools, teachers, students, and local, state, county, & federal government. Everyone is responsible!
- Lead by example.
- Plant Florida Friendly Landscaping. Attend a Florida Yards & Neighborhoods class (schedule in the events section)!
- Use seawall alternatives on freshwater lots & re-establish natural habitat by planting littorals plants.
- Add rip-rap along seawalls on saltwater lots & re-establish natural habitat by planting mangroves.
- Conserve water.
- Participate in Canalwatch (see column: Volunteers Wanted).

More information will be available at: [http://www.chnep.org](http://www.chnep.org)

The Annual Canalwatch & Adopt-A-Canal BBQ was April 5th.

Thanks to Chuck Pavlos, Environmental Resources, Lab Staff, Services, Lee County Hyacinth Control, & Tom Becker (FYN) for showing your support!

Thanks for all that you do to monitor and help keep Cape Corals Canals beautiful!

Volunteers Wanted:
If someone you know is interested in joining the Canalwatch team to help sample any of the following canal systems, please contact our office at: 574-0745 or 574-0746 or e-mail: fopatrny@capecoral.net.

**Northwest**
- Anchor Lake (fw)
- Carousel Lake (fw)
- Cassandra Canal (fw)
- Dewberry Canal (fw)
- Holiday Lake (fw)
- North Spreader Waterway (sw)
- Starfish Lake (fw)

**Northeast**
- Eureka Canal (fw)
- Lake Meade (fw)
- Laurel Lake (fw)
- Nectar Basin (fw)

**Southwest**
- Finisterre Lake (sw)
- Jolie Lake (fw)
- Lake Louise (sw)
- Lake Yuma (sw)
- McDonough Canal (fw)
- Memory Lake (fw)
- Mohave Lake (fw)
- Niagara Canal (fw)
- Progress Canal (sw)
- Thunderbird Lake (sw)
- Valmora Lake (fw)
- Weatherly Lake (fw)

**Southeast**
- Cat Cay Lake (sw)
- Everest Canal (sw)
- Meade Canal (sw)
- Shamrock Lake (fw)

Reward:

- Access to local water quality experts.
- Educational programs and reward banquets.
- Quarterly & annual water quality chemistry reports on your canal.
- Free Quarterly Newsletters & educational information on canal ecology and the local environment.
- The knowledge that you are contributing to the natural beauty of Cape Coral’s future water quality!

(fw) = freshwater (sw) = brackish water
### Laboratory Analysis

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<th>T-N</th>
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### FL Storm Water Quality Standard

- NO₂ ≤ 1.0 mg/L
- NO₃ ≤ 1.0 mg/L
- NH₃ ≤ 0.5 mg/L
- TKN ≤ 0.2 mg/L
- T-N ≤ 0.2 mg/L
- T-PO₄ ≤ 0.46 mg/L

- WQ = No Water Quality Standard for this limit.
- WQ = Florida State Storm Water Quality Standard.
# Events

## April
- **14<sup>th</sup>** FYN (FM) 9-12  
  Demo/tour: 1-3
- **19<sup>th</sup>** CHNEP Citizen Advisory Committee!
- **22<sup>nd</sup>** Earth Day
- **22<sup>nd</sup>** Rain Barrel Workshop 9-11
- **22<sup>nd</sup>** Native Plant Sale (Rotary)

## May
- **3<sup>rd</sup>** Canalwatch!
- **9<sup>th</sup>** Cape Coral Friends of Wildlife – Rotary Park – 7pm
- **19<sup>th</sup>** FYN (CC) 1-4
- **19<sup>th</sup>** FYN (FM) 6-9

## June
- **7<sup>th</sup>** Canalwatch!
- **17<sup>th</sup>** FYN (FM) 9-12

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**More Information Available AT:**

**FYN:** [http://lee.ifas.ufl.edu](http://lee.ifas.ufl.edu)  
**or**  
Call: Rotary Park at: 549-4606 *(CC = Cape Coral, FM = Fort Myers)*

**CHNEP:** [http://www.chnep.org](http://www.chnep.org)

**Cape Coral:** [http://www.ccfriendsofwildlife.org](http://www.ccfriendsofwildlife.org)

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**City of Cape Coral**

Public Works Department  
Environmental Resources Division  
P.O. Box 150027  
Cape Coral, FL 33915-0027