

FINAL

**MINUTES OF THE MEETING
of the
HARRIS CHAIN OF LAKES RESTORATION COUNCIL**

January 6, 2006

The January meeting of the Harris Chain of Lakes Restoration Council (Council) was held at 9:00 AM on January 6, 2006 at the Lake County Board of County Commissioners' Chambers, 315 West Main Street, Tavares, Florida.

Members Present

Members Absent

Skip Goerner, Chairman
Hugh (Dave) Davis II, Vice Chairman
Rick Powers, P.G., Secretary
Keith Farner
Robert Kaiser, P.E.
Don Nicholson
Richard Royal
Edward M. Schlein, M.D.
Ted Woodrell

1. CALL TO ORDER

Chairman Dave Davis called the meeting to order at 9:00 AM.

2. INVOCATION AND PLEDGE OF ALLEGIANCE

The Invocation was given by Councilman Bob Kaiser, followed by the Pledge of Allegiance.

3. ROLL CALL

Chairman Davis called roll. All Council members were present including two new members; Dr. Edward M. Schlein, M.D. and Fredrick "Ted" Woodrell.

4. APPROVAL OF MINUTES

A call was made for discussion of the minutes from the November 9, 2005 meeting. No changes or edits were suggested. A vote to approve the November Meeting Minutes passed unanimously.

5. DISCUSSION ITEMS

Election of Officers for Council Years 2006 and 2007

Chairman Davis made a Call for Nominations for Council Officers. Councilman Don Nicholson nominated Skip Goerner for the position of Chairman. Mr. Goerner accepted the nomination. The nomination of Mr. Goerner to serve as the Council Chairman was approved by unanimous vote.

Chairman Goerner made a Call for Nominations for the position of Vice (V) Chairman of the Council. Councilman Dave Davis volunteered for the position of V. Chairman which was seconded by Councilman Kaiser. The nomination of Mr. Davis to serve as the V. Chairman of the Council was approved by unanimous vote.

Chairman Goerner made a Call for Nominations for the position of Secretary of the Council. Councilman Rick Powers volunteered for the position of Secretary of the Council. The nomination of Mr. Powers to serve as the Secretary of the Council was approved by unanimous vote.

Chairman Goerner made a Call for Volunteers for the position of Treasurer of the Council. Councilman Ted Woodrell volunteered for the position of Treasurer of the Council.

Welcome and Seating of New Council Members

Chairman Goerner welcomed and briefly introduced the two new Council members; Dr. Schlein and Mr. Woodrell.

Acknowledgement and Recognition of Former Council Members

Chairman Goerner put forth Resolution 2006-1; A RESOLUTION OF THE HARRIS CHAIN OF LAKES RESTORATION COUNCIL ACKNOWLEDGING AND COMMENDING *MR. CHARLES CLARK* FOR HIS EFFORTS IN ENVIRONMENTAL PROTECTION AND ENHANCEMENT IN LAKE COUNTY, FLORIDA, BY SERVING AS A MEMBER OF THE COUNCIL AND WORKING TO IMPROVE THE OVERALL SURFACE WATER QUALITY THROUGHOUT THE HARRIS CHAIN OF LAKES. Mr. Clark was present at the meeting and V. Chairman Davis read, then presented the Resolution and a plaque commemorating his service on the Council, to him personally.

Two additional resolutions; 2006-2 and 2006-3 were prepared for former Council members Dr. Thomas Cook and Mr. Thomas Brooks, CPA. Councilman Kaiser made a motion to approve Resolutions 2006-1, 2006-2, and 2006-3. The resolutions were approved by unanimous vote. Copies of the resolutions are provided as Attachment 1 of these minutes. Chairman Goerner asked that Gene Caputo of the St. Johns River Water Management District (SJRWMD) send the additional commendations to Dr. Cook and Mr. Brooks. Mr. Caputo agreed.

Chairman Goerner requested a motion to also recognize Dave Davis for his work with the Council while serving as Chairman for the past two years. Councilman Nicholson made the motion which was seconded then passed by unanimous vote.

6. PRESENTATIONS

Request for Funding Assistance to Conduct a Local Government Charette/Workshop on Low Impact Development and its Benefits to Surface Water Quality – Dr. Pierce Jones, University of Florida

Dr. Pierce Jones, Ph.D., Director of the Program for Resource Efficient Communities at the University of Florida (UF) reminded the Council that he had made a presentation to them previously on reducing nutrient-rich runoff from property under development. He went on to say that since that time he had made additional presentations in Lake County including one to the Ocklawaha River Basin, Total Maximum Daily Load (TMDL) Working Group.

Chairman Goerner explained that if Dr. Jones was making a request for funding to the Council, that they only receive funding through Legislative requests at the end of the year. He asked if Dr. Jones was requesting funding prior to that timeframe. Dr. Jones said that he was requesting funding for the sort term.

Dr. Jones went on to say that he had been asked by representatives of Lake County government to put on a workshop for County Planners to initiate a program that encourages developers to reduce negative impacts on the lakes from properties they develop. He explained that he had worked with Alachua County government to overturn an ordinance which required curb and gutter design in a particular subdivision under construction. Dr. Jones said that curb and gutter in that subdivision had the potential to discharge excessive nutrients and runoff into a nearby lake. By allowing the stormwater runoff to collect and percolate into the ground naturally, it had reduced the runoff into the lake. Dr. Jones went on to say that this is just one example of how Low Impact Development (LID) could better manage stormwater as opposed to discharging it directly into area lakes. Overall, his work at the UF is to educate local governments to encourage developers through both reward and deterrent, in an effort to expand the use of LID.

Councilman Kaiser said that he supports Dr. Jones' efforts and would like to see more LID in Lake County.

Councilman Richard Royal said that he also agrees with the concepts of LID and suggested that the Lake County Water Authority (LCWA) would be the logical entity to approach with this program.

Chairman Goerner explained that the Council would receive Legislative funding for projects of this nature through a Community Budget Issues Request (CIBR). He also said that the Legislature does not even consider a CIBR unless it includes a partner to provide matching funds in the request.

Councilman Farner asked how much funding Dr. Jones was requesting. Dr. Jones responded that he was requesting \$7,500 for the program.

Gene Caputo of the St. Johns River Water Management District (SJRWMD) addressed the Council saying that the District had been working with Dr. Jones to develop a manual of LID guidelines for use by local governments. He said they had provided \$25,000 to initiate the project.

Chairman Goerner believes that it is not appropriate to utilize administrative funds of the Council for this purpose.

Councilman Farner agreed and suggested that the Council support Dr. Jones and request funding from the LCWA.

Chairman Goerner asked Dr. Jones to continue with his presentation.

Dr. Jones had provided two handouts to the Council members and continued with his presentation on the Program for Resource Efficient Communities:

Florida Growth Indicators

Florida Population:

- 1980 there were approximately 10 million residents
- 2005 there were approximately 17 million residents
- 2030 there are projected to be 28 million residents

Building Permits:

- 2002 approximately 127,000 permits were issued
- 2003 approximately 155,000 permits were issued
- 2004 approximately 185,000 permits were issued

Low Impact Development

Madera Subdivision, Gainesville – Reduced impact site design

- 88 homesites required a 7 – 8 acre park to manage stormwater
- No curb and gutter which allows more infiltration of stormwater
- Driveway paver blocks to allow infiltration as opposed to concrete driveways which simple discharges stormwater
- Reduced impact design of landscaping
 - Assistance through the Florida Yards and Neighborhoods (FYN) Program

- Infiltration tanks can be used to store and release stormwater
 - Rain gutters of the house discharge to the tank

River Forest Subdivision, Bradenton

- Utilizes roadside swales as opposed to curb and gutter

Madera Subdivision – Low Impact Lot Design

Design Outcomes:

- Reduce (minimize) nutrient / chemical loading to waterbodies
- Reduce (minimize) stormwater runoff
- Increase (maximize) recharge to the Floridan Aquifer

Lake County Growth Indicators

Single Family Building Permits:

- 2002 approximately 3,677 permits issued
- 2003 approximately 4,376 permits issued
- 2004 approximately 5,214 permits issued
- 2005 approximately 5,569 (through November)

Harris Chain of Lakes Restoration

Challenges:

- Minimize chemical and nutrient loading
- Minimize stormwater runoff
- Maximize recharge to the aquifer
- Others – including improved practices, incentives to developers and improved design

Chairman Goerner said that a booklet published by the UF called “Living on the Lake” discusses several of the issues presented by Dr. Jones. He suggested that increasing distribution of the booklet could be beneficial for development.

Councilman Farner asked what kinds of incentives are available to developers to encourage use of LID. Dr. Jones explained that if County Planners review soil maps and suggest to developers that curb and gutter may not be beneficial for a particular subdivision, the developer would be able to see substantial cost savings from not installing curb and gutters.

Councilman Kaiser suggested that additional attention needs to be paid during the construction of roads without curbs to provide for adequate hardening of the road edges. He said this is required otherwise the edges have the potential to deteriorate.

Councilman Royal suggested that the Council offer their support of Dr. Jones' program to the LCWA. Chairman Goerner agreed and suggested the Council write a letter to the LCWA that recommends they listen to Dr. Jones' presentation.

Dr. Dan Canfield of the UF and member of the Technical Advisory Group (TAG) to the Council offered to provide Dr. Jones with the \$7,500 he was requesting for his program. Dr. Canfield said that he could use a portion of the Institute of Food and Agricultural Sciences (IFAS) funds that he receives from the university. Chairman Goerner thanked Dr. Canfield for his generous offer and suggested that Dr. Jones still give his presentation to the LCWA.

Catherine Hanson of the Lake County Board of County Commissioners (BOCC) expressed her opinion that Dr. Jones' workshop would be a great benefit to Lake County and it would be important for the LCWA and others to get involved. She said that the concepts had been discussed at the County level for a couple of years and now is a time for action. Ms. Hanson also said that she would like to see the City Council and County Commissioners work together to incorporate these concepts into their Land Development Regulations (LDRs). She then offered her appreciation for the Council's support in this issue and said the BOCC would cooperate with Dr. Jones in moving forward with the workshop.

Dr. Jones said that he has been in contact with the BOCC and hopes to have the workshop in March. Chairman Goerner asked if the funds Dr. Jones was going to receive from Dr. Canfield would be used exclusively for Lake County. Dr. Jones said yes and they are also going to work closely with FYN and offer the workshop to other counties in the area.

Councilman Nicholson asked about LID for coastal areas. Dr. Jones suggested that the Sea Grant Program may have information because he does not work directly with development along the coast.

Mr. Caputo urged the Council to encourage the support of the LCWA to become involved with Dr. Jones' program to the benefit of all of Lake County. He offered the "in-kind" funding support of the SJRWMD to the LCWA for those efforts.

Agency Updates

Dr. Larry Battoe (SJRWMD) said that this year he would like to send out his Agency Update a few days before the Council meetings, so the members would have a chance to review it prior to the meeting. He then provided an update on the Lake Apopka Marsh Flow-way (LAMF) saying that is still on the positive side of removing phosphorus (P) and is successful in removing Total Suspended Solids (TSS) and nitrogen (N). For the benefit of the new Council members, he gave a brief overview of the flow-way operation explaining that water flows into the treatment cells through the Apopka-Beauclair (A-B)

Canal near the northwest corner of Lake Apopka via gravity. The cells then provide treatment of the water to remove TSS, P and N. The treated water then flows into a basin where it is pumped back into the A-B Canal where it flows to downstream lakes through a dam or returns back into Lake Apopka.

Dr. Battoe also provided updates on three projects utilizing handouts prepared by Dave Walker (SJRWMD):

1. Rough Fish Harvest

- 300,000 pounds of gizzard shad harvested in Lake Apopka through last November
- Began harvesting of shad in Lake Griffin on 12/12/05
- Currently suspended because of excessive bycatches of black crappie
- They are conducting experimental gill net sampling in lakes Griffin and Apopka to measure the effects of shad harvesting

2. Upper Ocklawaha River Basin (UORB) – Harris Bayou Project

- A flow-way from Lake Harris into Lake Griffin

Chairman Goerner interjected that he had recently heard that the SJRWMD Projects and Land Committee had decided to not construct a canal around the Harris Bayou and to drain water directly from Lake Harris into Lake Griffin. Dr. Battoe said that was correct because a subsurface geologic study indicated that the soils would not support a canal. He said water coming from Lake Harris will drain through the bayou before discharging directly into Lake Griffin.

Chairman Goerner requested a formal presentation on the Harris Bayou projects. Dr. Battoe said that he would arrange for a presentation on the subject and then went on with his updates.

3. Sunnyhill

- Army Corps of Engineers (ACoE) went “bankrupt” in 2005, therefore the SJRWMD will fund a scaled down version of the project
- The SJRWMD intends to close off a bypass canal in the UORB to allow water to flow through natural channels and rehydrate wetlands
- Dr. Battoe offered to arrange a presentation to update the council on the project.

Dr. Battoe discussed Dr. Gian Basili’s (SJRWMD) email on the Zellwood / Mt. Dora Christmas Bird Count where over 170 species of birds were reported by the 54 people who participated. If this number holds true, Dr. Battoe said it would be the second largest number of species ever recorded at events similar to this all over the country. The largest

number ever recorded was at the Zellwood / Mt. Dora event in 1998 where a total of 174 species of birds were counted. He speculated that the North Shore Restoration Area (NSRA) of Lake Apopka may hold the most diverse populations of birds in North America.

Dr. Battoe then said that in response to Councilman Royal's request for costs per pound of P removal by various methods, he is working with the LCWA and others to assemble that information. He explained that although the numbers are readily available for the LAMF and Lake Beauclair Nutrient Reduction Facility (NuRF), it will take more effort to calculate the costs from aquatic plant harvesting and lake dredging. The difficulty in calculating the cost from lake dredging is that virtually all of the P in the Harris Chain of Lakes (HCOL) is found in the top eight centimeters (cm) of sediment, therefore it's more difficult to make accurate calculations. He said a report should be completed by March.

Councilman Farner asked about the pesticide levels in the NSRA. Dr. Battoe explained that further review of their sampling methods and calculations was conducted to verify the nearly 50% decreases they had seen in pesticide levels over the past five or six years. After this review and additional sampling, they determined that their previous data was in error. Dr. Battoe said they currently believe the reduction in pesticide levels to be more on the order of 10 – 15%. He described their error as being analytical.

Councilman Farner asked if there were graphs available comparing the levels of various pesticides five years ago to those in the recent sampling. Dr. Battoe said that information is readily available and he will provide it to the Council. He also said that the SJRWMD is planning a remediation project for the pesticides at the NSRA, which is scheduled to begin in either 2006 or 2007.

Chairman Goerner asked about recent discharges from the Emerald Marsh and whether they are treating the discharges with alum. Dr. Battoe explained that they are treating the discharges going into Haynes Creek and they are adjusting the proper dosages in order to maximize the P reduction.

Chairman Goerner also asked about the increases in total phosphorus (TP) that are noted in the graph provided by Dr. Battoe, particularly in Lake Griffin which had increased from 50 to 60 micrograms per liter ($\mu\text{g/L}$) between August and October 2005. Additionally, Council Schlein asked why the TP of Lake Eustis was so low when compared to the other lakes. Dr. Battoe explained that the different lakes cycle the water differently and there could be additional filtering of the water as it moves through the downstream lakes of Beauclair and Dora before it enters Lake Eustis.

With no further questions, Dr. Battoe concluded his updates.

Dr. Canfield provided an update on the 2004 study of Lake Apopka where they studied largemouth bass populations and aquatic macrophytes (plants). With respect to the bass counts, they noted the same catch rates as recorded by the Florida Fish and Wildlife Conservation Commission (FWCC) in the 1980s and early 1990s. When it comes to

aquatic plant coverage they measured less than 2% coverage by surface area (Lake Apopka = 30,000 acres) where fishery experts believe it should be 10 – 15% for optimum fisheries habitat.

Dr. Canfield said they also assessed the populations of *Vallisneria sp.* or eel grass for the lake and determined that there is currently 900 meters² (m²) of this keystone aquatic plant where in 1988-1989 there was 11,000 m². He speculated the dramatic decrease may be due to drought and other factors, including the large volume of fluid muck which does not support the plant. Dr. Canfield also cautioned that when there are reports of new colonies of *Vallisneria*, they usually consist of just a few sprigs of the plant. He said the important measure of aquatic plant populations is the total area of coverage.

Dr. Canfield also discussed the implied success of the LAMF. He explained that although the flow-way is removing 1,000 kilograms per year (kg/yr) of P, the NSRA is inputting 14,000 kg/yr into the lake. When it comes to sediment removal from the lake; albeit the flow-way is successful in removing sediments and TSS from the lake water, in order to meet the goal of removing the top eight cm of sediments his group has calculated that it would take up to 300 years. Dr. Canfield added that the top eight cm of sediments could be removed in about ten days of dredging.

Councilman Farner expressed his desire that the Council be presented with information on projects before the end of the year, when their budget request is due to the Legislature.

Dr. Canfield then outlined four steps to improving Lake Apopka:

1. The Florida Legislature should make the FWCC the ultimate oversight of lake restoration for the next ten years.
 - Mandate that various government agencies work with the FWCC for fisheries management
 - Using the SJRWMD Surface Water Improvement and Management (SWIM) funding of approximately \$3 million / year for the next ten years
2. Increase large mouth bass restocking through relocation and increasing production of bass at the Richloam State Fish Hatchery.
 - Greater numbers of bass will increase revenue for local economies
3. Improved comprehensive aquatic plant management program through the FWCC
 - Increase near-shore plant coverage to 10 – 15% of the lake's surface area
 - Manage hydrilla as a beneficial plant as opposed to eradication
 - Use submerged brush and trees as fish habitat in the near-shore areas to protect against wind and wave action

4. Enhanced lake level fluctuations

- Use the land beyond the dikes in the NSRA to lower the lake level in November and raise it in March
- This will enhance fish populations including black crappie
- More fish mean more fish camps and increased revenue to the area

Councilman Schlein asked how far the lakes would be lowered. Dr. Canfield explained that it may be a little more than one foot.

Councilman Royal asked why the water that would be held in the NSRA should be pumped back into the lake, as opposed to allowing the increased rainfall to raise the lake's level. Dr. Canfield explained that if the intent is to restore the marshes in the NSRA, then the water would have to be pumped out, otherwise all you would accomplish is increasing the size of Lake Apopka.

Dr. Canfield also said that he had recently met a gentleman at a conference in Madison, Wisconsin named Tom Barthalamay, who is a Drainage Manager for the Delaware Department of Natural Resources. He explained that Mr. Barthalamay manages the restoration of farmlands to marshes. Dr. Canfield suggested that the Council may want to consider having him make a presentation on his work.

Dr. Canfield then provided a brief update to the Council on the gizzard shad harvesting program saying the Mike Allen (UF) is continuing to review the data from the harvesting efforts and expects to have a final report completed by September.

He also said that the bass restocking efforts in Lake Griffin began again in December. To date they have relocated approximately 400 fish, 200 of which are in the two to eight pound range and approximately 100 are in the one pound range. Dr. Canfield said their goal is to stock a total of 4,000 fish in the lake by the end of April.

Dr. Canfield then notified the Council that the Florida Department of Health (FDOH) has contacted the Florida LakeWatch organization to work with them on evaluating the extent of toxic algae in Florida lakes. He said the FDOH also wants to work with Dr. JoAnn Burkholder and others on studying the human health effects of toxic algae on people in the HCOL. Dr. Canfield explained that federal funding for various projects has been reduced and they are uncertain where the money will come from for these studies. He said that if the \$250,000 the Council included in their Legislative request for the toxic algae study is approved, they will be prepared to move forward.

Dr. Canfield also said that there is some debate on what is considered an unsafe level of the algae toxin Microcystin. The World Health Organization believes it should be one µg/L in drinking water where other organizations believe it should be somewhat higher for

exposure in lakes. He said that the debate and research continues but that the advice to not swim in water that is green due to an algal bloom, is good advice.

Councilman Farner requested that Dr. Canfield write a summary of the Lake Apopka restoration practices that he outlined previously in the meeting. Dr. Canfield agreed.

Chairman Goerner then announced that ESPN recently ranked the HCOL as the 5th best bass fishing destination in the world. He said that this is due to the efforts of all the agencies involved and those of the Council, which are proving successful. Chairman Goerner went on to say that in 1999 ESPN said they would not come back to the HCOL because of the poor results at that time and this year they have agreed to host six tournaments on the lakes.

Councilman Schlein added that many years ago he fished in major tournaments including those for the Bass Anglers Sportsmen Society or B.A.S.S. Masters and recalled when the HCOL was the top fishing spot in the country. He said he was very encouraged to see the lakes rebounding so well.

Bill Johnson (FWCC) gave a brief update on creel counts saying that they are continuing on lakes Beauclair, Dora, Eustis and Griffin. He said that gill netting began on Lake Dora on 1/3/06. Additionally, they have tagged approximately 500 black crappie in Lake Dora, so their exploitation and mortality rates can be studied. Mr. Johnson said they had also completed their trawl sampling in lakes Beauclair, Dora, Eustis and Griffin that showed the numbers of black crappie are up in lakes Beauclair, Dora, and Eustis over last year and that the fish are larger. He said the same is true of red eared sunfish and bluegill.

Mr. Johnson also said that they are working with a graduate student from the UF on a crappie mortality study. He explained that they are currently maintaining crappie caught in gill nets in a confined area of the lake for three days to determine their short-term survival after being netted.

Councilman Farner asked how the renovations at the Richloam Fish Hatchery are progressing. Mr. Johnson said they are completed but he is not sure if they have begun fish production.

Chairman Goerner suggested that the Council should schedule a tour of the newly renovated facility. Several Council members agreed.

Barbara Bess of the Florida Department of Environmental Protection (FDEP) provided an update of the progress of the TMDL program saying that they are in the process of completing the Basin Management Action Plan (BMAP). She said they are meeting with local governments on 1/12/06 to discuss what additional efforts will be needed for lakes Harris and Griffin to meet their TMDLs. Ms. Bess said that those lakes will not be able to meet their State standards with the projects already planned.

Councilman Nicholson asked Ms. Bess her opinion as to what may need to be done in order for those lakes to meet their goals. Ms. Bess speculated that improved stormwater management and retrofit projects will have to be implemented. She explained that the projects in place now are going what they are designed to do, but future development around those lakes is projected to make them exceed their TMDLs.

Councilman Royal asked if the problems in those lakes are due to point source contributors. Ms. Bess explained that there are only a few point sources discharging to the lakes and that it may take more effort from local governments. She thought that it will take improved stormwater management practices, including more stormwater ponds, with the increased development in the area.

No further agency updates were provided.

7. COUNCIL MEMBER COMMENTS

Council Member Comments

Chairman Goerner updated the Council saying that he had submitted the Council's CIBRs to the Florida Delegation and they were well received. He said the Delegation will then take them to the Legislature to be discussed.

Councilman Goerner also said he had received a letter from State Senator Carey Baker instructing him to seek a resolution to the issues with the Burrell Lock. He requested that Mr. Caputo ask someone from the SJRWMD to come and discuss how these issues can be resolved with the Council.

Discussion of February 3, 2006 Meeting

Mr. Caputo said that he would include a discussion of the Burrell Lock as a presentation at the February meeting. He also suggested that if the Council would like to schedule tours of the LAMF or other projects for the benefit of the new Council members, that it may be better to schedule them in the Spring when the weather is cooler.

Chairman Goerner asked that Mr. Caputo provide copies of previous minutes, annual reports and possibly the SWIM Plan to the new Council members. Mr. Caputo reminded the Chairman that the minutes and annual reports are on the Council's website and the SWIM Plan is on the SJRWMD website. He also said that the PowerPoint® presentations given at the Council meetings are available on the CDs that accompany the annual reports.

Mr. Caputo asked if the new Council members would like to receive copies of the video tapes of the meetings. The new Council members declined. He also said that the other agenda items for February are the acknowledgement of V. Chairman Davis' service to the Council as Chairman and a presentation on the Harris Bayou projects.

8. PUBLIC COMMENTS

No public comments were made.

9. ADJOURNMENT

The meeting was adjourned at 11:55 AM.

Respectfully submitted by:

Chairman Skip Goerner

Secretary Rick Powers, P.G.

Attachment 1

Acknowledgements and Commendations

For Service to the

Harris Chain of Lakes Restoration Council

Resolution 2006-1

Charles C. Clark

Resolution 2006-2

Dr. Thomas A. Cook

Resolution 2006-3

W. Thomas Brooks

HARRIS CHAIN OF LAKES RESTORATION COUNCIL

RESOLUTION No. 2006-1

A RESOLUTION OF THE HARRIS CHAIN OF LAKES RESTORATION
COUNCIL ACKNOWLEDGING AND COMMENDING
MR. CHARLES C. CLARK
FOR HIS EFFORTS IN ENVIRONMENTAL PROTECTION AND
ENHANCEMENT IN LAKE COUNTY, FLORIDA, BY SERVING AS A
MEMBER OF THE COUNCIL AND WORKING TO IMPROVE THE OVERALL
SURFACE WATER QUALITY THROUGHOUT THE HARRIS CHAIN OF
LAKES.

WHEREAS, the Harris Chain of Lakes Restoration Council was created under Chapter 2001-246, Laws of Florida, and has the responsibility of recommending a restoration program for the Harris Chain of Lakes in Lake County, Florida; and

WHEREAS, *CHARLES CLARK* has been aware of, and personally involved with, various environmental, recreational, and economic improvement and enhancement programs which continue to successfully protect and preserve the surface water quality within the Harris Chain of Lakes in ways that benefit all the citizens of Lake County; and

WHEREAS, *CHARLES CLARK* has been an active and loyal member of the Harris Chain of Lakes Restoration Council since its creation in 2001 and has worked to reduce pollutant discharges into the Harris Chain of Lakes through a variety of programs, projects, and actions directed specifically toward surface water quality improvement.

NOW, THEREFORE, BE IT RESOLVED that the Harris Chain of Lakes Restoration Council hereby commends *Mr. CHARLES C. CLARK*, for his tireless efforts and positive accomplishments in achieving environmental, recreational, and economic improvements to the surface waters of the Harris Chain of Lakes and for the overall benefit of Lake County.

PASSED AND ADOPTED this 6th day of January 2006.

Harris Chain of Lakes
Restoration Council

Chairman: _____

Date: _____

**HARRIS CHAIN OF LAKES
RESTORATION COUNCIL**

RESOLUTION No. 2006-2

**A RESOLUTION OF THE HARRIS CHAIN OF LAKES RESTORATION
COUNCIL ACKNOWLEDGING AND COMMENDING
Dr. THOMAS A. "TOM" COOK
FOR HIS EFFORTS IN ENVIRONMENTAL PROTECTION AND
ENHANCEMENT IN LAKE COUNTY, FLORIDA, BY SERVING AS A
MEMBER OF THE COUNCIL AND WORKING TO IMPROVE THE OVERALL
SURFACE WATER QUALITY THROUGHOUT THE HARRIS CHAIN OF
LAKES.**

WHEREAS, the Harris Chain of Lakes Restoration Council was created under Chapter 2001-246, Laws of Florida, and has the responsibility of recommending a restoration program for the Harris Chain of Lakes in Lake County, Florida; and

WHEREAS, *Dr. TOM COOK* has been aware of, and personally involved with, various environmental, recreational, and economic improvement and enhancement programs which continue to successfully protect and preserve the surface water quality within the Harris Chain of Lakes in ways that benefit all the citizens of Lake County; and

WHEREAS, *Dr. TOM COOK* has been an active and loyal member of the Harris Chain of Lakes Restoration Council since its creation in 2001 and has worked to reduce pollutant discharges into the Harris Chain of Lakes through a variety of programs, projects, and actions directed specifically toward surface water quality improvement.

NOW, THEREFORE, BE IT RESOLVED that the Harris Chain of Lakes Restoration Council hereby commends *Dr. THOMAS A. "TOM" COOK*, for his tireless efforts and positive accomplishments in achieving environmental, recreational, and economic improvements to the surface waters of the Harris Chain of Lakes and for the overall benefit of Lake County

PASSED AND ADOPTED this 6th day of January 2006.

Harris Chain of Lakes
Restoration Council

Chairman: _____

Date: _____

HARRIS CHAIN OF LAKES RESTORATION COUNCIL

RESOLUTION No. 2006-3

A RESOLUTION OF THE HARRIS CHAIN OF LAKES RESTORATION
COUNCIL ACKNOWLEDGING AND COMMENDING
Mr. W. THOMAS "TOM" BROOKS
FOR HIS EFFORTS IN ENVIRONMENTAL PROTECTION AND
ENHANCEMENT IN LAKE COUNTY, FLORIDA, BY SERVING AS A
MEMBER OF THE COUNCIL AND WORKING TO IMPROVE THE OVERALL
SURFACE WATER QUALITY THROUGHOUT THE HARRIS CHAIN OF
LAKES.

WHEREAS, the Harris Chain of Lakes Restoration Council was created under Chapter 2001-246, Laws of Florida, and has the responsibility of recommending a restoration program for the Harris Chain of Lakes in Lake County, Florida; and

WHEREAS, *TOM BROOKS* has been aware of, and personally involved with, various environmental, recreational, and economic improvement and enhancement programs which continue to successfully protect and preserve the surface water quality within the Harris Chain of Lakes in ways that benefit all the citizens of Lake County; and

WHEREAS, *TOM BROOKS* has been an active and loyal member of the Harris Chain of Lakes Restoration Council since its creation in 2001 and has worked to reduce pollutant discharges into the Harris Chain of Lakes through a variety of programs, projects, and actions directed specifically toward surface water quality improvement.

NOW, THEREFORE, BE IT RESOLVED that the Harris Chain of Lakes Restoration Council hereby commends *Mr. W. THOMAS "TOM" BROOKS*, for his tireless efforts and positive accomplishments in achieving environmental, recreational, and economic improvements to the surface waters of the Harris Chain of Lakes and for the overall benefit of Lake County.

PASSED AND ADOPTED this 6th day of January 2006.

Harris Chain of Lakes
Restoration Council

Chairman: _____

Date: _____