

**Orange Creek Basin TMDLs
Lakes Working Group**

DRAFT Meeting Notes

DATE: October 5, 2005
TIME: 1:30 PM
LOCATION: Alachua County EPD – Gainesville, Florida

Attendees:

Name	Affiliation	Name	Affiliation
Dave Walker	SJRWMD	Sally Adkins	G'ville CWP
Jian Di	SJRWMD	Jim Myles	ACEPD
Mary Paulic	DEP	Paul Lee	DEP
Kevin Grace	DB Environmental	Rick Hicks	DEP
Jody Lee	DACS	James Dodson	DEP
Lori Hazel	SJRWMD	Jeff Vowell	DACS – Forestry
Diana Gijsselaers	ACEPD	Kathy Fanning	ACEPD
Robin Hallbourg	ACEPD	Rob Hicks	Plum Creek Timber
David Toth	SJRWMD	Jeff Davis	SJRWMD
Jennifer Gihring	DEP		

UPDATES

- Mary Paulic reviewed activities since the last Lakes Working Group meeting. This included work to revise the WBID boundaries for Calf Pond and other nearby areas.

WASTEWATER ANALYSIS

- Jennifer Gihring reviewed the recent Marion County wastewater analysis and proposed a similar analysis for Alachua County.
- Group members approved of DEP moving forward with this analysis, with the following recommendations:
 - Consider how to calibrate the loading estimates
 - Expand the analysis to include phosphorus
 - Use Homestead Credit information from the Alachua County Property Appraiser to adjust the loading from homes not occupied year-round.
 - Discuss the potential benefits of septic-tank BMPs
 - Discuss the changes in loading if future septic systems were required to implement advanced treatment technology.

LAKE LOCHLOOSA GROUNDWATER STUDY

- James Dodson reviewed the current proposal from DEP Groundwater Protection staff for studying groundwater-surface water interaction in Lake Lochloosa. This included identification of proposed sampling locations. The study will include 25 direct-push samples, and 10 permanent wells. Field work will occur this coming winter.
- Group members discussed available data, revised potential sampling locations, and suggested ideas for modifying the field sampling approach.
- SJRWMD has a small gamma probe that can be used with the direct push for additional data collection.
- Resources
 - SRJWMD has historic data and a well log for a well at the park boat ramp.
 - Jian Di has calculated hardness for surface runoff in Lake Lochloosa.

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- The DACS Forestry BMP survey can be used to identify management actions associated with silviculture activities. This may be helpful when selecting representative silviculture sites.
- Access to Plum Creek Timber company property should be coordinated with Rob Hicks.
- Access to Alachua County Parks property should be coordinated with the Parks Director (Rob Avery). County permits may be required.
- Remaining Issues
 - What is the lake boundary (ordinary high water mark, greatest extent of wetted area, etc.)?
 - Consider aligning sampling sites along a water table topographic gradient.
 - The relative proportion of groundwater input from the Floridan vs. intermediate vs. surficial aquifer varies at different points within the lake. The Floridan aquifer contributes a larger proportion near the north end of the lake. DEP will attempt to split contribution from these various aquifers.
- Action Items
 - James Dodson will contact SJRWMD regarding use of gamma probe, field sampling assistance, water table/potentiometric surface data, and timing of Lochloosa sampling with the District's thermography flight.
 - Jian Di will send hardness data to James Dodson
 - SJRWMD staff will revise the water budget for Lake Lochloosa and send to DEP.
 - DEP Groundwater staff will return to the Lakes Working Group in December or January to review final project plans prior to initiating field work.

NOTES

- The aerial portion of the current DACS BMP survey has been completed. DACS will contact landowners late fall/early winter.
- SJRWMD plans a thermography flight of Lochloosa and Newnans Lakes this winter.
- Thanks to Diana Giselaers for her assistance mapping on-the-fly during the meeting.