

**ORANGE CREEK BASIN TMDLS
BASIN WORKING GROUP
DRAFT Meeting Notes**

DATE: March 2, 2006

TIME: 9:30 AM

LOCATION: Gainesville, Florida - GRU

Meeting Attendees: (Names in bold are BWG members, names in italics are alternates)

BWG Members	Affiliation	BWG Members	Affiliation
Jeff Martin	DEP/NED		
	DEP/Aquatic Plants	<i>Sally Adkins</i>	City of Gainesville
Jim Weimer	DEP, Paynes Prairie	Jeff Vowell	DACS/DOF
Jody Lee	DACS		
Eric Nagid	FWCC	<i>Rick Hutton</i>	G'ville Reg. Utilities
Alan Obaigbena	DOT	Erick Smith	UF
		David Walker	SJRWMD
	ACHD		FL Forestry Assoc.
Chris Bird		<i>Rob Hicks</i>	Forestry Industry
<i>Robin Hallbourg</i>	ACEPD		Building/Develop.
	ACPW		Sierra Club
R.M. Fry	City WM Committee		Sust. Alachua Co.
	ACEPAC		Women/Wise Growth
Gail Mowry	Marion County		Town of McIntosh
Other Attendees	Affiliation	Other Attendees	Affiliation
Mary Paulic	DEP/Tallahassee	Michael Bateman	Stormwater 360
Terry Pride	DEP/Tallahassee	Kevin Grace	DBE
Jennifer Gihring	DEP/Tallahassee	Dave Reed	GAS
Bruce Jagers	FWCC	Paul Davis	G'ville Reg. Utilities
Kathy Fanning	ACEPD	Fay Baird	Pandion Systems
Diana Gijsselaers	ACEPD		

HOUSEKEEPING

Announcements

- Sally Adkins (City of Gainesville) reminded the group that Creeks Week is April 16-22. There will be events (nature walks, tours, mini-film festivals) and a workshop on onsite stormwater credits. The Creeks Festival is on the 22nd, in conjunction with the Great American Cleanup, and folks can sign up for a table. **Action Item:** *Sally will send a description to Terry to send out to the Basin Working Group.*

Updates

- DEP Groundwater Study**
 - DEP will be conducting field work during the week of March 6 to determine sampling locations. Interested parties may come along. Contact Mary Paulic if you are interested.
- Alachua Sink**
 - The Alachua Sink TMDL has been noticed for adoption. If requested, a hearing will be held on March 28, 1:30 p.m., at DEP, 2600 Blair Stone Road, Room 609.

FUTURE GROWTH ISSUES

- Future Growth and Land Use Projections
 - DEP will meet with city and county planners at 1:00 today (March 2) to determine the best way to project future growth and land use for purposes of the BMAP. **Note:** *A summary of that meeting will be distributed separately.*

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- o It was noted again (see February BWG notes) that DOT is conducting future land use analyses. Jennifer will follow up with DOT.
- Diana Gijsselaers (ACEPD) gave a powerpoint presentation on the Greenprint Project, which was conducted by students at UF. The project mapped conservation suitability/desirability for acquisitions. It identifies areas where there may be future land use conflicts, based on current zoning for agriculture, conservation, and urban uses. There are some issues with the model and the data used in the project, but the methodology can be employed using different factors.
- **Action Item:** *Terry Pride (DEP) will send out Diana's presentation to the BWG.*

AQUATIC PLANT MANAGEMENT

- Fay Baird (Pandion Systems) led a discussion to develop BWG consensus on language regarding aquatic plant management (APM) activities in Orange Lake for insertion in the BMAP. While the group did not specifically act on the proposed language, the consensus (defined as unanimity minus two) was to note in the BMAP that:
 1. Based on information from DEP, APM activities did not significantly affect the development of the current adopted Orange Lake TMDL or the related initial allocations.
 2. Future APM activities should be coordinated among affected agencies and the public should be educated on APM.
- Alan Obaigbena (DOT) objected to any language in the BMAP regarding APM activities as being irrelevant to the plan. There were no other objections voiced.
- Jeff Vowell (DACS) offered a different viewpoint and stated that it will be important to quantify nutrient load changes related to aquatic plant management to accurately determine future load reduction allocations and management actions.

Note: *DEP may request the BWG in April or May to reach consensus on specific BMAP language related to APM.*

STATUS OF THE OSTDS LOADING ANALYSIS

- Jennifer Gihring (DEP) reviewed her revised analysis, based on comments from the February meeting. One change was that she removed the homestead exemption as an indicator of land use. The analysis leads to the general conclusion that management strategies addressing septic tank loadings should focus on the Lake Wauberg sub-basin, where there appear to be the greatest relative impacts.

DISCUSSION OF PROPOSAL TO ADDRESS COLIFORM TMDLS

- Paul Davis (GRU) presented a draft starting proposal (prepared by Brett Goodman) for addressing DEP-adopted coliform TMDLs in the OCB.
- **Action Item:** *Terry Pride will send out the draft for review and comment. Comments on the draft should be submitted by March 17 to Terry.*
- This proposal will be discussed further at the April 6 BWG meeting.
- Dr. Fry offered to do some research to gather coliform-related information for the April meeting.

ESTIMATING LOAD REDUCTION VALUES FOR URBAN BMPs

- Michael Bateman (Stormwater 360) gave a presentation on an effort his group has initiated (working with Dr. Sansalone at UF) to evaluate the effectiveness of MS4 programs, including estimating load reduction values of various BMPs (such as street sweeping).

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- The final report from Dr. Sansalone is due in August 2006. It will be presented at the Florida Stormwater Association Winter Conference. Michael can update the BWG prior to the conference.
- It is important for MS4s and others conducting stormwater BMPs to keep good records of types and amounts of materials removed, etc., so load reduction estimates derived from the current study (or others) can be applied retroactively.
- **Action Item:** *Terry Pride (DEP) will send out Michael's presentation to the BWG.*

NEXT STEPS

- **New and old action items**
 - o Terry Pride asked anyone with pending action items to let her know the status of the items. **Action item:** Terry will remind folks of this request via e-mail.
- **BMAP Schedule**
 - o The BWG briefly reviewed remaining topics for discussion toward BMAP completion. These are contained on a table handed out at the meeting.
 - o June is the target for BMAP completion, with July as the hard deadline.
 - o Sally Adkins suggested local government briefings for April, in conjunction with Creeks Week.
- **Collecting information on monitoring efforts**
 - o The Florida Watershed Restoration Act requires that BMAPs contain a water quality monitoring strategy to assess progress toward achieving TMDLs.
 - o **Action Item:** Mary Paulic (DEP) will set up a conference call for the end of March to start the discussion on developing a water quality monitoring strategy for BMAP implementation.
 - o **Sally Adkins raised the following question:** If the needed reductions identified in the TMDL are achieved, but a waterbody remains impaired (under DEP rule methodology), are the stakeholders implementing the BMAP on safe ground?
Note: Presumably yes, *but this will be discussed further with reference to the statute.*
- **Agenda for April meeting**
 - o Discussion of Alachua Sink TMDL and possible management actions
 - o Discussion of management actions for other nutrient TMDLs
 - o Discussion of coliform TMDL implementation strategy

PENDING ACTION ITEMS

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PENDING ACTION ITEMS

ACTION ITEM	STATUS
BWG Members	
o Let Terry know the status of pending action items assigned to you.	
Alachua County EPD	
o Coordinate with BWG members to develop maps of coliform hot-spot identification and management activities completed to-date.	
o Robin Hallbourg will write the discussion about the unique hydrologic conditions of Alachua Sink and how this may affect management actions.	
o Write discussion regarding the County's iron sampling and management activities.	
GRU/AC EPD/ACDOH	
o Update summary of coliform-related data and proposed activities, to be discussed at the April meeting. (Note: <i>If requested, Terry Pride will take over the lead on getting input from affected parties.</i>)	
Dave Walker	
o Keep source tables, management action tables, and pie charts updated.	
GRU	
o Provide DEP with locations of privately maintained pump stations connected to GRU system.	
Jennifer Gihring	
o Work with Alachua County to develop GIS format for future growth/land use information.	
o Follow-up with Alan Obaigbena and Erick Smith to determine what type of information they could incorporate into the future growth portion of the BMAP.	
o Check on FTP site accessibility, if needed.	
Mary Paulic	
o Finalize refinements to the basin map boundaries and distribute via e-mail.	
o Develop a map of the basin that shows impaired waters with TMDL due dates.	
o Revise project/activity tables and e-mail to BWG for review and comment. • Add a column entitled "Cooperating Partners." • Incorporate BMP survey information. • Reorganize to reflect which waterbody would benefit from a particular project.	
o Contact appropriate DEP staff to identify monitoring plans for Lake Kanapaha.	
o Coordinate with UF and DEP re: analyzing contributions of phosphatic soils.	
o Follow up with Wayne Magley (DEP Watershed Assessment Section) to determine how or if current hydrologic conditions (connection of Alachua Sink with other surface waters) affect the TMDL.	
o Set up a conference call for the end of March to start the discussion on developing a water quality monitoring strategy for BMAP implementation.	
Jeff Martin	
o Get with Brett Goodman re NED sampling.	
Fay Baird	
o Contact smaller local governments re: participation in the BMAP process.	
Terry Pride	
o Continue development of the BMAP, including comments received thus far from the BWG.	New draft for May BWG meeting
o Set up call with forestry and Agriculture to discuss remaining information needs.	Set up by 3/10/06
o Send out the website link to the APM central tracking system on the DEP website.	3/13/06, w/other info
o Send out information on Creeks Week from Sally Adkins.	Done 3/7/06
o Send out presentations from March 2 meeting on Greenprint Project and MS4 program evaluation.	Done 3/7/06
o Send out the draft coliform strategy for review and comment.	Done 3/7/06
o Ask BWG members to give the status of their pending action items.	Done 3/7/06
Sally Adkins	
o Send a description of Creeks Week to Terry to send out to the BWG.	