

**Lake Jesup, Crane Strand and Long Branch BMAP
Working Group Meeting
July 11, 2007
Sylvan Lake Park
Sanford, Florida**

Attendees

Barbara Bess, FDEP	Bob Kelly, SAIC
Tom Bess, FDEP	Chris Kintner, City of Longwood
Mary Brabham, SJRWMD	Regina Lovings-Morse, SJRWMD
Sherry Brandt-Williams, SJRWMD	Don Marcotte, City of Winter Park
Tiffany Busby, Wildwood Consulting	Durga Nagda, City of Lake Mary
Lisa Curtin, City of Orlando	Kim Ornberg, Seminole County
Amy Dalton, PBS&J	Vincent Peluso, City of Oviedo
Danny DeCiryran, Seminole County	Zynka Perez, City of Winter Springs
Soil and Water Conservation District	
Chris Ferraro, FDEP	Penny Post, Orange County
Brian Fields, City of Winter Springs	Robert Potts, E-Sciences for FDOT
Mark Flomerfelt, Seminole County	Ryan Spinella, City of Longwood
Vivian Garfein, FDEP	Amy Tracy, FDEP
Jennifer Gihring, FDEP	Joe Walter, PBS&J
Migdalia Hernandez, City of Sanford	Bob Walter, Seminole County
Dan Homblette, Orange County	Shannon Wetzel, Seminole County
Danielle Honour, CDM	

ATTACHMENTS: Draft for Discussion-MS4 Implementation Table

Opening Remarks

Tiffany Busby welcomed attendees on behalf of the Florida Department of Environmental Protection (DEP) and introductions were made. She thanked Seminole County for the use of their facility. She asked if there were any questions on the TMDLs that have been adopted for these basins that have come up since the last meeting. No questions were offered.

Sherry Brandt-Williams gave an update on the Florida Lake Management Society (FLMS) session. She stated that there were six papers presented at the Lake Jesup panel discussion and there was a great deal of information provided concerning Lake Jesup. The meeting and the lake Jesup session were very well attended. During the meeting, Robert King, Friends of Lake Jesup, was given an award for environmental excellence.

Jennifer Gihring provided an update on the one-on-one meetings and technical workshop that were held in June in lieu of the regular May Working Group meeting. She stated that there were three primary discussion points at the one-on-one meetings, including:

- 1) TMDL questions specific to each entity;
- 2) Interest and political dynamics of the regional projects and willingness to pay for these projects; and

- 3) Future growth and documenting existing policies to reduce the impacts of future growth.

The main topics of the technical discussion meeting were 1) Sediment flux and its importance relative to external load reductions; and 2) Attenuation and its potential implications for allocations. The consensus reached during this meeting was that although there is still uncertainty as to the role of sediment flux, we need to rely on what is known at this time in order to move forward with the BMAP process. With regard to the attenuation issue, a detailed water quality analysis is being conducted (by Bob Kelly and Joe Walter) to further analyze areas of concern. This analysis may be integrated with the infrastructure maps that Amy Tracy has been working on in order to gain more insight into the attenuation issue.

Regina Lovings-Morse gave an update on the Howell Creek Stormwater Master Plan and schedule. This 3-step stormwater master plan has been reviewed by the involved participants. The two goals for this master plan are: 1) To develop a BMAP and 2) To address the Horatio Avenue Bridge weir. Phase I of the master plan is complete. Regina will send Jennifer Gihring a copy of the Phase I document on CD to put on FDEP's FTP site. Phase II is being completed at this time. Phase III should be complete by next year. There was discussion about the infrastructure maps associated with this document. Amy Tracy will be working with the City of Oviedo so that they may be incorporated into the stormwater infrastructure maps for BMAP purposes. Amy may also check with Danielle Honour at CDM to confirm that she has all the data layers that they have acquired or developed for the Howell Creek document.

Status reports on current studies were discussed. Sherry Brandt-Williams stated that the SJRWMD nitrogen fixation study is underway and going well. The SJRWMD will be starting the sediment flux study in October. They are waiting on one more sampling event (in August) in order to finish the isotope study. Sherry will discuss the status of the report with John Hendrickson (SJRWMD).

Seminole County will begin a submerged aquatic vegetation (SAV) survey in Lake Jesup next week and this will be on-going for the remainder of the year. Water quality sampling on Bear Gully Creek is now taking place quarterly. The County will begin chemical water quality sampling and bioreconnaissance on Howell Creek in October 2007. Sherry mentioned that the District is picking up a few of Seminole County's sampling sites this summer in order to start the data collection sooner and to have more wet season data.

Jennifer Gihring mentioned that they have done a site reconnaissance of Site 10 and are in the process of deciding where to install temporary wells and take samples. Their intent is to take samples within the next three weeks. The question as to whether or not there is influence by a spring/springs is still being addressed. When the FDEP staff visited the site, there was no water flowing at the identified location. However, the rains had not yet begun, so it is possible that there exists a groundwater source that was not flowing at that time. The FDEP staff will continue to check the location when they return for sampling.

Enhanced ERP Rules Update

Cammie Dewey, SJRWMD, gave a presentation on the implementation of the environmental resource permits (ERP) rules for discharges to impaired waters. A few highlights that Cammie mentioned are that the Lake Apopka Basin Rule is the preferred reference guideline for how to meet the pre=post water quality and quantity requirement and that the most important determination for design consideration is direct discharge.

Lake Jesup Tributary Water Quality Analysis and Allocations

Tiffany Busby passed around a form for attendees to sign that designates one person from each entity as the formal representative for voting purposes. A conference call will be set up between Vivian Garfein and Jennifer Gihring in order to clarify the specifics of the Sunshine Law and if it relates to this process.

Joe Walter and Bob Kelly gave an update on the status of the Lake Jesup water quality analysis (resulting from the above-referenced June 2007 technical meeting) that they are working on. The initial results indicated some seasonal trends but nothing extremely significant. Some data sources are not sufficient to come up with any demonstrable conclusions. Specific entities (i.e. Cities of Maitland, Winter Park) need to provide data for this effort. The initial groundwater data will be available on the FTP site. The next steps on this effort involve further analysis of data for Howell Creek and other watersheds around the lake. Comparing this data to the existing model results will help determine the approaches for the allocation process.

In discussions concerning preliminary allocation strategies, Jennifer Gihring stated that one of the steps being undertaken now is leveling the playing field between the various MS4 permittees. One tool that will be used in this effort is to have a completed MS4 implementation table (included as an attachment to this summary) by the August meeting. Jennifer plans to ask Steven Kelly (NPDES program administrator) to do a presentation at the August meeting to help clarify some of the questions concerning the MS4 issues in the BMAP process.

Regional Treatment Projects

Tiffany Busby introduced the subject of regional treatment projects and the Inter-Agency Plan (IAP) and how this relates to the BMAP process. Sherry Brandt-Williams gave an update on the status of the IAP. She stated that they have the initial draft complete and are incorporating comments from the agencies. They are still trying to determine what timelines and milestones need to be incorporated into the IAP. She will send this draft out next week for everyone to review, and requests that particular attention be paid to the details in the appendix during the review. There may be a final draft by the end of August.

Next Steps

The next meeting date has been moved to August 8, 2007. There will be a presentation on MS4/NPDES as well as pollutant trading at this meeting. Erich Marzoff may be

presenting more information about the projected effects of BMP implementation at the next meeting. There will be an update on the Site 10 analysis in August.

Action Items

1. **Regina Lovings Morse** will send **Jennifer Gihring** a CD with Part I of the document with the Howell Creek Stormwater Master Plan to put on the FTP site.
2. **Amy Tracy** will check on stormwater data to see if any new items can be incorporated into the infrastructure maps.
3. **Vivian Garfein** and **Jennifer Gihring** will conduct a conference call regarding the Sunshine rules.
4. **Members** to provide other data sources to **Joe Walter** and **Bob Kelly** for the watershed analysis.
5. **Lisa Curtin, City of Orlando**, to provide Lake Rowena's data to **Joe Walter** and **Bob Kelly**.
6. **Jennifer Gihring** to begin filling out the draft MS4 implementation table for review and editing by all Working Group members.
7. **Sherry Brandt-Williams** to provide the draft IAP for review by all members.

Future Meeting Dates

Future meeting dates discussed were September 5 or 6 and October 10 or 11.

Adjourn

The meeting adjourned at 3:54 pm.