

LWLI Water Working Group Meeting Summary

Place: B-1 3B Bridge Conf Rm, SFWMD

Time: 9:30-11:30 am, Nov. 12, 2009

1. Attendance and introductions

The meeting was well attended. Representatives are from USGS, PBERM, FDEP and SFWMD. The attendees are shown in the attached file.

2. Lake worth lagoon water shed delineation

The PBERM outreach group requests for an updated watershed boundary delineation. There are several existing watershed delineation maps available right now. The group had discussed the needs to do comparison and select on final one. A follow-up action is needed on this.

3. North Palm Beach CERP-Part1 project update (Beth Kacvinsky, SFWMD)

The North Palm Beach CERP-Part 1 project update was presented. Particularly, the restoration work on Lake Worth Lagoon included in the North Palm Beach CERP-Part 1 project plan was presented and discussed. For example, a sediment capping project with purpose of reducing sediment loading to the Lake Worth Lagoon is under way and shows some positive results. Presentation will be available on LWLI website.

4. LWL water quality data: status and analysis (Patricia Gorman, SFWMD)

Water quality status and pattern were assessed using data from 18 “new sites”, which is a cooperative program between PBERM (collecting water samples) and SFWMD (analysis of water quality) starting in 2006. Some general spatial and seasonal patterns were discernable, although there are limited data points for a comprehensive assessment of water quality status and change trend. The group had concluded that it is a good idea to start analyzing these new data and historical data. The group will follow up on the progress next meeting. Presentation will be available at LWLI website.

5. Update FDEP listing on LWL water quality status (Kevin Carter, SFWMD)
FDEP listed some sub-watersheds and regions in Lake Worth Lagoon as impaired. The data used by FDEP for impairment list was discussed.
6. LWL watershed loading analysis project (Taylor engineering)
The historical water quality data in Lake Worth Lagoon was compiled and presented. A geodatabase and GIS presentation to display the Lake Worth Lagoon water quality was created. A preliminary watershed load was presented and discussed. The geodatabase is very useful platform to archive new data sets and run a GIS based analysis. Final project reports available for all the partners. Presentation will be available at LWLI website.
7. The group briefly discussed the framework of LWLI and agreed that it is wise to keep the current format of the meeting with interested project presentations.
8. Action items and next steps

- Check what difference between existing watershed boundary maps and see if they are available in GIS format;
- Follow up on Lake Worth Lagoon water quality data analysis and assessment of the monitoring needs.

9. Adjourn at 11:40 am