

## Lake Jesup TMDL – BMPs Incorporated

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Calculations in the Lake Jesup TMDL included estimates of nutrient load removal associated with structural stormwater management BMPs. Information about these BMPs was gathered from local stakeholders. Reductions from these BMPs are being incorporated into discussions about detailed allocations in the BMAP process. During the September 2007 Lake Jesup BMAP meeting, stakeholders asked for further detail about what BMPs were included in the initial TMDL calculations. Below are the key details regarding Lake Jesup BMP information used during the TMDL, and carried forward into the BMAP.

- In 2000 Seminole County as part of their NPDES application went through an exercise of identifying BMPs in the County and converted them to a GIS coverage. This included dry ponds, wet ponds, swales, and combinations therein.
- As part of the TMDL development for Lake Jesup, Seminole County asked PBS&J to visit each city in the watershed and gather BMP data. The following information was identified and gathered for the TMDL:
  - Orlando, assessed by parcel, based upon discounts given to their stormwater utility fee, implied a level of BMP treatment,
  - City of Winter Park, Capital improvement projects completed, estimated treatment equal to swale.
  - Maitland – Identified a few areas of BMP treatment
  - Oviedo had a coverage of Wet ponds and dry treatment ponds
  - Winter Springs had a ponds coverage, most of the city is treated by wet ponds
  - Casselberry – identified a few areas of BMPs
  - Longwood, nothing provided
  - Lake Mary – identified areas of BMP treatment
  - Sanford – identified areas of BMP treatment
- Drainwells in the City of Orlando were added
- While the 2006 aerial imagery was being used to update the land use for the Lake Jesup TMDL, PBS&J also identified BMPs (generally wet ponds) associated with new developments.

GIS layers can be provided upon request for each jurisdiction to confirm what they originally submitted to PBS&J.

Contact Tiffany Busby for further details (904-829-0327).