

-- Peer Review of Revised MFL Document--

## **Minimum Levels Determination: Sylvan Lake, Seminole County, Florida**

By

Sam B. Upchurch, Ph.D., P.G.

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1. The revised MFL document reads well and is a great improvement over the first draft. Sonny Hall and other staff who worked on the document are to be complimented.
2. The relationships of the proposed Sylvan Lake MFLs and the 10 environmental criteria are better developed in this version of the MFL report. The use of fish and wildlife habitats & passage of fish criterion is well justified in this edition. The new tables dealing with evaluation of the 10 criteria are very helpful.
3. As noted in my April review of the first draft of the MFL report, I had some reservations about the lack of a brief summary of the setting of the lake, especially with respect to interactions with the underlying aquifer(s) and the geologic setting. For example, I recommended that the water budget be added to the report. I was not looking for a detailed discussion, just a simple context for the lake setting. Hall has gone a long way towards accomplishing this task. His general description on pages 4–6 are very helpful to me. A paragraph on the water budget would still be helpful.
4. I am satisfied that the MFL document is sufficient and accurately defends the proposed MFLs.
5. The only remaining remark relates to lake classification. On page 5 Sylvan Lake is called an “isolated/intermittent outflow ridge lake” using Epting’s classification, which makes sense. On page 6 (3<sup>rd</sup> paragraph), Sylvan Lake is called a sandhill lake. The drainage system and contiguous wetlands seems inconsistent with this latter classification.