TMDL AUDIT Executive Summary

Audited Organization:
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Audit Date: June 30 – July 1, 2005

This audit was conducted to evaluate past data for TMDL listing purposes as specified in Chapter 62-303, F.A.C. To accomplish this objective, the audit consisted of a project audit of data retrieved from STORET that was identified as having been produced by Harbor Branch Environmental Laboratory (HBEL).

The project audit was performed using criteria that were developed to meet specific data quality objectives for the TMDL program. Selected records were reviewed to determine if sufficient information was available to verify the quality of the data, with emphasis on calibration, quality control procedures, and documentation. The purpose of the audit was to determine data usability and was not intended as a regulatory action against the audited party.

The Environmental Assessment Section (EAS) determined that for the selected STORET data set, HBEL has adequate documentation to allow verification of the quality of the audited results. The table below summarizes the data use as it applies to the TMDL process.

Recommendations for use of Data generated by Harbor Branch Environmental Laboratory for TMDL Purposes			
Analyte	Audited Date Range	Verified Use	Planning Use
Calcium	July 2002 – March 2003	X	
Magnesium	July 2002 – March 2003	X	
Arsenic	July 2002 – March 2003	X	
Copper	July 2002 – March 2003	X	
Lead	July 2002 – March 2003	X	
Mercury	July 2002 – March 2003		X

The observed procedural and documentation problems will be corrected with the HBEL's plan of corrective actions for laboratory operations.

Other supporting documentation is available upon request.