TMDL AUDIT Executive Summary
March 20, 2007

Audited Organization:

McGlynn Laboratories, Inc.
568 Beverly Court
Tallahassee, FL. 32301

DEP Auditors:

Michael Blizzard, Silky Labie, Andy Tintle
Environmental Assessment Section
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Audit Date: May 19 – 23, 2006

This project audit was conducted to reevaluate the laboratory's procedures and quality controls to determine the suitability of data for TMDL listing purposes as specified in Chapter 62-303, F.A.C. The selected data set was provided by the laboratory and included surface water data from 2004, 2005 and 2006.

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 some of the audited results from the selected data set, McGlynn Laboratories, Inc.

- did not have adequate documentation to allow verification of the quality of some of the audited results or
- the quality of the data did not meet certain TMDL usability requirements.

The table below summarizes the data use as it applies to the TMDL process.

Recommendations for use of Data generated by McGlynn Laboratories, Inc for TMDL Purposes

Analyte	Audited Date Range	Verified Use	Planning Use
Biochemical Oxygen Demand	10-4-04 – 1-30-06		✓
Chlorophyll A	10-4-04 – 1-30-06	✓	
Fecal Coliforms	10-4-04 – 1-30-06		✓
Ammonia	10-4-04 – 1-30-06	✓	
Nitrite	10-4-04 – 1-30-06	✓	
Nitrate	10-4-04 – 1-30-06	✓	
Nitrate/Nitrite	10-4-04 – 1-30-06	✓	
o-Phosphorus	10-4-04 – 1-30-06	✓	
Total Kjeldahl Nitrogen	10-4-04 – 1-30-06	✓	
Total Phosphorus	10-4-04 – 1-30-06	✓	
Turbidity	10-4-04 – 1-30-06	✓	

The procedural and documentation problems discussed in the Final Audit Report will be corrected if the laboratory institutes the corrective measures they have proposed and those identified in the Final Audit Report.

Supporting documentation, including the Final Audit Report is available upon request.