TMDL AUDIT Executive Summary
March 1, 2005

Audited Organization: Advanced Technologies and Testing Laboratory, Inc.

DEP Auditors: Andy Tintle and Silky Labie
Environmental Assessment Section
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Audit Date: July 8, 2004

This audit was conducted to evaluate past data for TMDL listing purposes as specified in Chapter 62-303, F.A.C. and was based on data retrieved from STORET that was identified as having been produced by Advanced Technologies and Testing Laboratory, Inc.

The auditors assessed the selected data set 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, Advanced Technologies and Testing Laboratory, Inc. does not have adequate documentation to allow verification of the quality of the audited results. Inspection of the organization's records also indicated that the data quality did not meet the data quality objectives established for TMDL purposes.

The observed procedural and documentation problems can be corrected if the additional measures specified by the EAS are implemented with the plan of corrective actions that was proposed by Advanced Technologies and Testing Laboratory, Inc.

The attached table(s) summarizes the findings of the audit of historical data. Other supporting documentation is available upon request.

TMDL DATA AUDIT SUMMARY (TMDL DATA USABILITY)
DATA FROM SAMPLES COLLECTED 1/7/2003, 1/13/2003, AND 2/10/2003

LABORATORY DATA

TMDL Criterion	Fecal Coliform
Sample Preservation and Holding Times	
Holding times met.	**N**
Sample preservation as acceptable	**?**
Laboratory Practical Quantitation Limit	
Reported PQL ≤ TMDL usability level	**N**
Critical method specific requirements met	**N**

Legend: Y=Data quality met TMDL criteria; N=Data quality did not meet TMDL criteria; ?=Data quality could not be verified from the audited documentation; "-"=Not audited; SHADED=Not applicable