

# FLORIDA ADaPT

**Review and qualify your project data in seconds!**

LDCFL's Florida ADaPT (Automated Data Processing Tool) has been the industry standard in Florida since its release in 2003. FL ADaPT enables users to review method QC and field QC data contained in electronic data deliverables (EDDs) and qualify that data according to project-specific criteria as defined in your electronic project Quality Assurance Project Plan (eQAPP). FL ADaPT also enables the user to run technical consistency checks, such as ion balance and total versus dissolved constituents. FL ADaPT makes an excellent front end data checker for environmental databases, allowing the data to be reviewed prior to uploading to your database.

▼ **Technical Consistency Check Menu**

Select the technical consistency comparisons to run then click the Run Selections button

Select comparison to run

- Nutrients and Total vs Dissolved comparison
- Charge Balance calculation
- Major ions vs Conductivity comparison
- TDS vs Conductivity comparison
- Analyzed TDS vs Calculated TDS

Run Station

- Nutrients and Total vs Dissolved: **Run**
- Charge Balance: **Run**
- Major Ions vs Conductivity: **Run**
- TDS vs Conductivity: **Run**
- Analyzed TDS vs Calculated TDS: **Run**

Client Sample ID	Fraction	Analyte Name	Result	Lab Qual	Units	Comments
PE3M42-2FD	Dt	Ammonia (N)	0.52	ng/L	mg/L	Filtered result exceeds lab
	TOT	Ammonia (N)	0.13	ng/L	mg/L	
PE3M42-11	Dt	Ammonia (N)	0.1	ng/L	mg/L	Filtered TD exceeds filter
	SS	Nitrogen - Total Kjeldahl	0.07	ng/L	mg/L	
PE3M42-2FD	Dt	Ammonia (N)	0.52	ng/L	mg/L	Dissolved (DT) exceeds TOC
	TOT	Nitrogen - Total Kjeldahl	0.12	ng/L	mg/L	
PE3M42-11	Dt	Carbon - Dissolved Organic	1	ng/L	mg/L	DOC exceeds TOC
	TOT	Carbon - Total Organic	0.7	ng/L	mg/L	
PE3M42-11	SS	Orthophosphate (P)	1.00E-03	ng/L	mg/L	Filtered Ortho-PH exceeds lab
	TOT	Phosphate - Total	3.00E-03	ng/L	mg/L	
PE3M42-11	TOT	Orthophosphate (P)	1.00E-03	ng/L	mg/L	Total Ortho-PH exceeds lab
	TOT	Phosphate - Total	2.00E-03	ng/L	mg/L	
PE3M42-11	SS	Orthophosphate (P)	1.00E-03	ng/L	mg/L	Filtered Ortho-PH exceeds lab
	SS	Phosphate - Total	3.00E-03	ng/L	mg/L	

Automated Data Review Menu

Select Project Library for Processing: AT1

Select quality control parameters

- Inoculation Test
- Method Detection Limits
- Lab Control Samples/Spikes
- MS/MSD & Lab Data (with option)
- Method Blanks
- Surrogate (with option)
- Field QC

Select calibration parameters

- 100% Calibration
- Field Calibration
- Check Calibration Frequency
- Correlation Coefficient

Select replicate MS/MSD option

- Quality all samples in batch

Select replicate MS/MSD system

- Quality all samples in batch

Select surrogate dilution option (SVA)

- Access surrogates in all SVA samples
- Only access surrogates in SVA samples analyzed at least than is equal to specified dilution

View Report Codes | Run Automated Data Review

▲ **Select Parameters for Review**

FL ADaPT is used by the State of Florida DEP, many laboratories and commercial environmental consulting firms to verify the quality of their data before making critical decisions.

- Qualify data based on project-specific QAPP guidelines and requirements
- Accommodates professional judgment and keeps an audit trail for all manual edits of reviewed data
- Data review summary reports give the user an overall view of data quality.
- Detailed outlier reports list the exact reasons for data qualification and list the affected samples.
- Allows for data review and qualification of your project's data.
- Accommodates laboratory receipt deliverable review according to both FLDEP and SFWMD criteria.

▼ **Outlier Reports**

Field Duplicate Outlier Report\* (non-qualifying outliers)

Lab Report Batch: AT1-1

Field Sample:	MW32C	Total Or Dissolved	Result	Reporting Limit	ML
Field Sample Duplicate:	MW-32B				
Matrix ID:	AQUEOUS Groundw				
<b>Color</b>					
Analysis Method EPA 118.2	Sample result:	TOT	5.0	5.0	5.0
	Duplicate result:	TOT	5.0	5.0	5.0
<b>Residues Filterable (TDS)</b>					
Analysis Method EPA 188.1	Sample result:	TOT	100	5.0	5.0
	Duplicate result:	TOT	64	5.0	5.0
<b>Absorbity</b>					
Analysis Method EPA 318.1	Sample result:	TOT	1.30	1.0	0.39
	Duplicate result:	TOT	38	1.0	0.39
<b>Nitrate (N)</b>					
Analysis Method EPA 353.2 (Nitrate (N))	Sample result:	TOT	0.0028	0.010	0.00011
	Duplicate result:	TOT	0.50	0.010	0.00011
<b>Nitrite (N)</b>					
Analysis Method EPA 354.1	Sample result:	TOT	0.0017	0.050	0.0017
	Duplicate result:	TOT	0.0098	0.050	0.0017
<b>Analysis Method EPA 375.4</b>					

Contact us for an interactive web demonstration.



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