

ADaPT Version History

Version 9.0.11 (June 2015) has the following changes (from version 8.1.01):

1. WACS references were removed from ADaPT labels, command buttons, column headers, and messages and replaced with references to DWM.
2. Upload to FDEP database now requires the lab EDD undergo error check and data review.
3. The required field constraint and field length check for Shipping Batch were removed from the FDD error check.
4. ADaPT procedures for error checking, data review, forms, and reports were modified to handle single quotes, double quotes, number character (#), and at character (@) in Client SampleID, and single quotes and number character in the Project Name. ADaPT removes carriage return and line feed characters entered in the EDD Result_Comment.
5. FDD error checks were modified to handle temporary samples (Sample Type = T).
6. The file exported to the FDEP database was modified to: 1) Remove fields never populated. These include: Permit_Number, Well_Type, Field_ID, QAP_Sampler, QAP_Lab, Preservative, Water_Classification, and GW_Elevation; 2) Add new fields. These include: Client_Analyte_ID, Error, Dilution, Percent_Moisture, and Reporting_Limit; and 3) Format change from fix width file to comma delimited (.CSV).
7. STORET implementation was modified to handle all STORET Code where previously only water and soil/sediment were handled.
8. EDD error checks were fixed to correctly report AIR matrices, where applicable.
9. Testing performed on 32 and 64 bit version of Windows 7 and 8.1 with Office 2007, 2010, and 2013. ADaPT 9.0.11 is supported on these platforms.

Version 8.1.01 (October 2014) has the following changes (from version 8.0.03)

1. Now compatible with Windows 8.1
2. Now compatible with MS Access 2013
3. Allows export of Data to multiple program areas as defined in ADaPT tables. Allows export of data for programs with Databased monitoring wells, for programs without databased monitoring wells and for programs that do not collect field data (require a field EDD).

Version 8.0.03 (May 2014) has the following changes (from version 7.1):

1. Modify the FL ADaPT Project Valid Value table structure and forms for viewing valid values.
2. Modify the program area web pages valid value table structure and forms for viewing valid values.
3. Implement auto-naming of exported Lab and Field EDDs with ability for user input of additional information based on Program Area.
4. Modify the import of the Lab EDD and Field Data Deliverable to format all date/time values as MM/DD/YYYY HH:MM:SS using 24 hours and leading zeroes.
5. ADaPT was recompiled within Access 2007.

Version 7.1 (December 2013) has the following changes (from version 7.0):

1. Modify the Error Log Form to Allow Filtering of Displayed Errors According to the Reportable Results Value
 - a. Add a check box on the Error Log Form accessed from the standard ADaPT and WACS screens that allows users to toggle between showing all Lab EDD errors or only Lab EDD errors on records where the Reportable Result field is populated with “YES”
 - b. This filter will only apply to errors that have a Record ID. Errors that do not have a Record ID cannot be filtered.
 - c. The added check box will have a label stating “Only show Errors where Reportable Result = YES”
 - 1) If the check box status is checked the Error Log will only show errors where Reportable Result equals “YES” and errors that do not have a Record ID.
 - 2) If the check box status is not checked all EDD errors will show according to the NELAC or CLP option selected prior to viewing the Error Log
2. Modify the error check for Type 0016 Errors so that when a sample is analyzed more than once with multiple dilutions for different analytes, ADaPT considers the Analyte Name in addition to the Client Sample ID and Method before checking for different Analysis Types. With this modification ADaPT will report Error Type 0016 if a given Analyte is reported more than once for a Client Sample ID analyzed by a given method and these records share the same Analysis Type.
3. Modify the error check for Type 0013 Errors so that a missing MSD spike error will not occur if a Laboratory Duplicate precision is reported for that analyte analyzed by the same method and in the same Method Batch.

Version 7.0 (August 2013) has the following changes (from version 6.4):

1. During the Save Lab EDD, Save Reviewed EDD, or Export to WACS (save to disk or FTP option) processes, the ADaPT Data Security file is transmitted to DEP via FTP.

2. Includes a pop-up notification of Lab or Field EDD changes made from the View Lab EDD, View Field EDD, or Error Log screens.
3. Fix for the EDD Error check under the NELAC option (applicable to the WACS/Validator screen) to report EDD surrogates not in the project library as a critical error.
4. Fix for where Export to WACS sometimes forced closing the application upon completion.

The ADaPT Data Security file contains the following information in the CSV format:

EDD Filename	Transmission Date/Time	UserName	UserName & TimeStamp (unchanged, unique to each computer)	Lab EDD Filename	Lab EDD MD5 Checksum	Library Name	Library MD5 Checksum	LAB ID (DOH#)	Source (lab, consultant, permittee)
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Version 6.4 (August, 2012) has the following changes (from version 4.6):

1. Now compatible with Windows 7 as well as Windows Vista, XP, and 2000.
2. Now compatible with MS Access 2010 as well as MS Access 2007 and 2003.
3. Added a table that contains specific FDEP program area contact information (web pages and email addresses) regarding the use of the ADaPT software.
4. From the WACS/Validator "Green" Screen by default the Lab EDD Error Checker now evaluates the Lab EDD for missing LCS/LCSDs, MS/MSDs and surrogates (when required by the method in the project library). While in the ADaPT Main Menu EDD Error Check tab, for the Hide CLP errors (NELAC protocol) Option, the lab EDD Error Checks were also modified accordingly:
 - a. A missing MSD is not reported if the LCSD or DUP are reported within a method batch.
 - b. A missing DUP is not reported if the LCSD or MSD are reported within a method batch.
 - c. LCS and LCSD spike completeness checks for metals methods were modified to be based on the distinct metals reported among all samples in a Preparation Batch instead of the checked spikes in the LCS/LCSD section of the library; however, these metals must be indicated as LCS/LCSD spikes in the library.
 - d. MS and MSD spike completeness checks for metals methods were modified to be based on the distinct metals reported among all samples in a Method Batch instead of the list of checked spikes in the MS/MSD section of the library; however, these metals must be indicated as MS/MSD spikes in the library.
 - e. LCS spike completeness checks for organic methods were modified so that if LCS QC is required by the project library to check for the presence of an LCS in each Preparation Batch, and that among the spiked analytes in that LCS, at least one reported spike is among the target analytes in that Preparation Batch; however, these analytes must be indicated as LCS/LCSD spikes in the library for that method/matrix.
 - f. MS spike completeness checks for organic methods were modified to that if MS QC is required by the project library to check for the presence of an MS in each Method Batch, and that among the spiked analytes in that MS, at least one reported spike is among of the target analytes in the Method Batch; however, these analytes must be indicated as MS/MSD spikes in the library for that method/matrix.

- g. Surrogate completeness checks were modified so all normal samples reported for VOA, HPLC, and GC SVOA methods must report at least one (1) surrogate. This surrogate must be listed in the library for the method and matrix. All normal samples reported for GC/MS SVOA methods must report at least two (2) surrogates per acid or two (2) per base/neutral fraction if analytes from those fractions are reported in the sample. These surrogates must be listed in the library for the method and matrix.
 - h. Modify data review so that qualifiers for MS/MSD outliers apply to parent sample only.
- 5. Hold Times are now also evaluated when running the Lab EDD Error Check. An ErrorType 0006 is generated if there is a hold time exceedance and the Q qualifier is missing.
- 6. Update Technical Consistency calculations for Charge Balance and for Analyzed vs. Calculated TDS
 - a. The Charge Balance was modified to only use the total result if the dissolved result is not reported.
 - b. The TDS vs. Calculated TDS check was modified to include the total value in the Calculated TDS calculation if the filtered value is not reported for required and optional analytes. DOC/TOC were added as optional analytes in the Calculated TDS calculation.
- 7. Added the ability to import EDD error logs created with older versions of ADaPT and display the Errors in both the error log and error reports as they were originally reported.
- 8. A report titled “No Outliers Report” was added to the Post-Data Review report menu.
- 9. When printing reports (especially the Print All Outlier Reports) from the Data Review Reports, allow one to choose a default printer (or choose a printer every time) this includes using ADaPT’s PDF converter.
- 10. The Regulatory Comparison Report now shows the 62-777 Target PQL when applicable.
- 11. Eliminated the erroneous Error Message; “No Data to Render”; when no results were above the applied criteria, which under specific conditions appears after running the Regulatory Comparison Report. This message was misleading and has been replaced.
- 12. When data is exported to WACS, the description for ADaPT’s qualifier Reason codes is now appended to any existing lab EDD ResultComments. WACS now contains appropriate comments for all ADaPT assigned data qualifiers.
- 13. During the Export to WACS process, the following fields are checked for duplicate records; WACS_TestsiteID, WACS_Testsite_Name, Date_Sampled and WACS_Report_type. If duplicates exist a new export to WACS Error 10 is generated in the Error Report. There is a new query that shows the duplicate records in the field EDD. For large field EDDs it is easy to mistakenly assign the same Testsite ID to two different testsites, or to not properly identify field duplicate or re-sampled results with the proper WACS Report Type code.
- 14. Added 7 new fields to the WACS Testsite Inventory, ADaPT will now accept, process, and upload to WACS the Underground Injection Control data for Monitoring Wells, Injection Wells and Effluent Testsites. You can filter the WACS_Testsite_Inventory and WACS_Report_Type tables within ADaPT for the following specific program areas; Solid Waste, Hazardous Waste and UIC.
- 15. Check that ALL records in the lab EDD have a ProjectName and ProjectNumber, in the past if one record was null for either the ProjectName or ProjectNumber the data would not upload to WACS.

16. During the lab EDD ErrorCheck, confirms that the ProjectName and ProjectNumber are valid and associated with one another, if this is not the case an ErrorMessage is generated in the ErrorLog.

Version 4.6 (June 2010) has the following changes:

1. Added a check box on the WACS/Validator screen or menu to indicate if an FDD is not present.
 - a. If checked (meaning no FDD) then:
 - 1) All FDD related features except the Comparison Reports are disabled.
 - 2) Comparison Reports can be created without the FDD.
 - 3) Valid value checks for Project Number and Project Name use the ADaPT valid values for these fields.
 - b. If unchecked (meaning FDD present) then:
 - 1) All FDD related features are enabled.
 - 2) Valid Value checks for Project Number and Project Name use the WACS_Facility_ID and WACS_Facility_Name from the WACS Testsite Inventory, respectively.
2. Modified the Regulatory Comparison Reports for 62-777 Surface Water – Fresh CTLs comparison when Hardness must be factored in the MCL:
 - a. Hardness defaults to 25 mg/L if reported or calculated less than 25 mg/L.
 - b. Hardness defaults to 400 mg/L if reported or calculated greater than 400 mg/L.
3. Eliminated all references to “Solid Waste” in ADaPT and replace with “Field EDD”FDD.
4. Project Number and Project Name were added to the Regulatory Comparison Reports.
5. Removed the EDD error check where Lab_Qualifiers field may not contain J when K, L, M, T, V, Y and/or I are included.
6. Set “Print Preview” as the default option when running Regulatory Comparison reports.
7. Updated both WACS and ADaPT valid values tables.

Version 4.5.2 (November 2009) has the following changes:

1. Resolved a problem with missing data review qualifier when RPD exceeded limits.
2. Changed the comparison report generator so that user selected samples cannot process against comparison criteria if any one or more of the selected samples do not exist in the FDD. User is now prompted this is the case and asked to select another sample(s).
3. Resolved a run time error that occurred when exporting the WACS upload file.
4. Resolved the long processing time for method blank data review.
5. Resolved a problem of a disabled command button in the comparison report generator when the user cleared the sample association.
6. Resolved the issue of exporting the FDD and the user had to explicitly set the dot extension to .txt.
7. Added auto compact and repair upon application closure when using the “Quit ADaPT” command button from the WACS/Validator screen. This initializes temporary tables and all auto-number fields preventing the overload error that can occur with some processes.

8. Added a feature that prompts users when opening the WACS main form if they want to update the Solid Waste Inventory values from the website.
9. Fixed missing data review qualifier in the WACS upload file.
10. Modified field duplicate, equipment blank, trip blank, and field blank outlier reports to not truncate long library names.
11. Modified the WACS upload file header to include file names for LDDs and FDDs.
12. Modified the WACS upload file so the field header names begin where column begins.
13. Resolved the missing qualifier reason codes in the “Qualifier Summary Report with Reason Codes”.

Version 4.5.1 (March 2008) has the following changes:

1. Increased length of Facility_ID in the WACS upload file.
2. Fixes the wrong lab ID showing on EDD error reports.
3. Eliminates duplicates in the WACS upload file for analytes reported twice on the same sample by different methods.
4. Minor bug fixes.
5. New Solid Waste/Hazardous Waste library.
6. Updated valid values, STORET codes, and WACS TestSite Inventory information.

Significant ADaPT fixes/enhancements since March 2008 and version 4.0

1. Management of non project QC parent sample results.
2. Multiple method and analyte updates to Solid Waste Master Library.
3. WACS upload file format and logic specifications modifications.