

Industry Standard Data Checking Tool

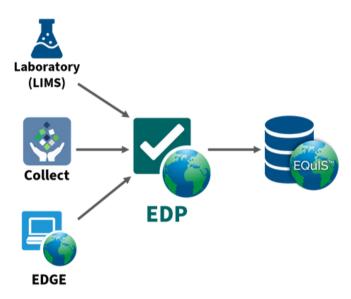
Electronic Data Submissions – Increase Accuracy and Efficiency and Reduce Costs and Time

EQuIS Data Processor (EDP) is a critical tool to automate the processing of environmental and geotechnical data. EDP checks electronic data deliverables (EDDs) for correctness and per client-specific rules. Automatic notifications are provided to data submitters to specify data acceptance or rejection. Rejected EDDs are flagged for errors, facilitating more rapid correction.

EDP builds quality into the entire EQuIS workflow to ensure consistency and defensibility of the resulting EQuIS databases.

Laboratories, governments, consultants, and industrials worldwide consider EDP the industry standard for preparing and checking environmental and geotechnical data. EDP is the most widely used EDD checking tool in the world and its use is written into a variety of government and private-sector contracts.

EDP is built into multiple EQuIS software products and as a standalone desktop application. These multiple EDP versions allow for closed-loop transactions in EQuIS workflows.



Data Quality and Integrity Checks

EDP checks include:

- Required Fields
- ✓ Duplicate Rows
- Field Lengths
- Data Types
- ✓ Valid Dates
- Reference Values
- ✓ Data Range Checking
- Relationship Checking
- Required Values
- Custom Checks EDP supports custom checking of complex or project-specific logic, such as:
 - Non-detects: If not detected, the Reporting Detection Limit field must be populated.
 - Populate the Interpreted Qualifier field with the Lab Qualifier field values.
 - Conditional Checking: If the value of Field 1 is "X" then the value of Field 2 must be "Y".



Professional EDP

EDP is licensed in EQuIS Professional, a desktop database management tool where permissioned power users may directly access EQUIS data tables.

- Check data for reference values, formatting, logic, and business rules.
- Easily find, view, and correct color-coded errors in real time.

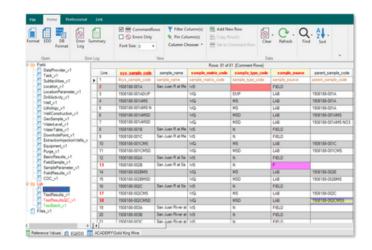
Format Reference			ice Valu	es *./	rvf Blank EDD Template	Blank EDD Template EDD D		Description					
COLLECT.INSPECTION								8					
EZEDD													
Water Levels	EDP Et	DD St	atus						_				
			File Name						Date	Facility	Submit	ter	Row
EGEDD		٠		219 1 Serieofield Water Levels zie				WEB	2019-04-15 05:01:00	Springfield	-	- age at the t	
		12227364 2019-04-15 05:01:17 Rie Monitor Successful								springrees		a few secon	
ormat: *			2019-04-15 05:01:17			Successful						a few seconds	
Please select				464 13 EG121 Are from								a few seconds	
	134	2/431	219-04-13 03/01/43 Event Mon		e.	Succession						a rew secce	105
	132	27435	2019-04-15 05:01:48	Report Gen	E	ि O ↑ ↓ 8 • • Message Help (EDD File 201 Tell me wh			-	0	×	Ndis
	132	27436	2019-04-15 05:01:48	Report Gene	EDD File 20190104 131011.GKM.EQEDD.zip Accepted							seconds	
	132	27437	2019-04-15 05:01:48	Report Gene								A	nds
		Your EDD file '20190101 131911.GKM.EQEDD.zip has been accepted and no en were found.							errors	-	_		

EDP Standalone

EDP Standalone software offers interactive data screening and correction prior to EDD submission into an EQuIS workflow. EDDs that pass EDP Standalone checks are often submitted to EQUIS via Enterprise EDP.

Distribution Licenses for EDP

EarthSoft clients can provide EDP Standalone licenses to data submitters for their use in large-scale EDD workflow operations.



Enterprise EDP

Web version of EDP, included with EQuIS Enterprise licensing, offers workflow automation for data checking and notifications.

- Automatically upload and process EDDs (via FTP, email, or web).
- Automatically receive acceptance and rejection notifications for data submissions.
- Web tools for organizations with a high volume of EDD submissions.

EQuIS EDD Formats

- Numerous standard (off-the-shelf) and client specific formats for all facets of environmental data acquisition.
- EDDs files can be Microsoft Excel or text (tab- or comma-delimited).



Microsoft Partner

Copyright 2023 EarthSoft, Inc.