

## COGCC ELECTRONIC DATA DELIVERABLE

### Document Control:

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### COGCC Electronic Data Deliverable (EDD)

An EDD is a data file (or files), in a specified format, designed to transmit information electronically to another data user or recipient. In the case of the COGCC EDD the data is laboratory analytical data required under COGCC Rules or required by COGCC staff as a Condition of Approval. The EDD submission process allows uniformity in the data provided to the COGCC even though the data is provided from different operators and different laboratories by requiring all EDDs meet valid value standards including analytical method names, analytical parameter names and units of measure.

COGCC EDD files are organized in a readily exportable format (Excel or eXtensible Markup Language (XML)), that allows the data provider to upload analytical data into the COENV Database through the Form 43 (Analytical Data Submittal) process. Laboratories chose which format of EDD they will make based on their data systems.

Both the Excel and XML EDD are tiered data structures, EDDs have tiers for Organization including the Reporting Organization and Entity Requesting Analysis (Operator).

The Sample tier that includes:

- Facility ID Number
  - See Form 43 - Analytical Sample Submittal (615.f) for additional information
- Sample date and time
- Sample Matrix

The Batch tier includes:

- Laboratory Identification Number
- Laboratory Batch Identifier
- Sample Analysis Date

The result tier includes:

- Each analyte CAS Number (Parameter)



- Analyses Method
- Units
- Result
- Any qualifiers placed on the data

The QC tier contains Laboratory batch quality control (QC) information including

- The Lab QC Batch
- QC type
- Parameter
- Analytical method
- Units

Examples of EDDs and valid value list can be found on the COGCC website under the help documents, or at the following link:

[https://cogcc.state.co.us/documents/about/COGIS\\_Help/EnviroDB/EnviroDB.htm](https://cogcc.state.co.us/documents/about/COGIS_Help/EnviroDB/EnviroDB.htm)

EDDs submitted to the COGCC must be made by the laboratory that completed the analysis and be generated directly from the laboratory's data management system. This reduces the chance of errors being introduced in the EDD and ultimately in the COENV database. Operator's should know prior to sample collection the lab they intend to use can produce a properly formatted EDD.