

CDF Setup Guide

["EFF-001", "20090501", "1700", "N/A", "N/A", "W", " ", " ", " ", " ", " ", " ", " ", "E330.2"...]

The CIWQS Data Format (CDF)

- ASCII Comma quote delimited file.
- Each line of data is equivalent to a single record in the data submission. Each record is made up of distinct fields of information.
- CSV file must be named "CDF.csv"
- CSV file must be contained in a zipped file.
- Zip file name can be unique.

Valid Values (VVLs):

Various data fields in the CDF require entry of valid values. VVLs are built-in codes that the format requires for certain fields, such as Parameter, Analytical Method and Unit codes. The reason for using specific values for these fields is to standardize the data entry, to ensure data consistency and prevent errors. Freely entered data might contain extra spaces, commas, or dashes that would make meaningful data manipulation and thorough or accurate data searches impossible. A list of the valid values can be found on the "Lookup codes" tab of the PET Tool.

Attributes Key:

1. **CX** is an X-character alphanumeric field.
2. **NX** is a numeric value with a total of X spaces available for numbers and decimals, with no restriction on the number of digits to the right of the decimal point other than the overall field size (e.g., 12345 or 123.4 or 1.234).
3. **D8** is a date field with an expected format of YYYYMMDD (i.e., 20110131).
4. **T4** is a 4 digit time format using a 24-hour military clock without a colon (e.g., 1400 for 2:00 p.m.).

Field # | Attribute and Length | EDF Name (Common Name)

Field 1, **CX**, **FIELD_PT_NAME** (Monitoring Location)

Field 2, **D8**, **YYYYMMDD**, **LOGDATE** (Sample Collection Date)

Field 3, **T4**, **HHMM**, **LOGTIME** (Sample Time)

Field 4 **LOGCODE** [Always = N/A]

Field 5 **SAMPID** [Always = N/A]

Field 6 **MATRIX** (Matrix) [Always = W]

Fields 7 thru 12 [Leave Blank]

- Populate as [" "]

Field 13 **ANMCODE** (Analytical Method Code -**AMNCODE**) use **VVLs**



Fields 14 thru 17 [Leave Blank]

Field 18, **D8**, YYYYMMDD, **ANADATE** (Analytical Date)

Field 19 [Leave Blank]

Field 20, **RUN_NUMBER** (Used to distinguishing multiple or repeat analysis of a sample by the same method on the same day.)

Field 21 and **22** [Leave Blank]

Field 23 **BASIS** (Parameter Code -**Basis**) use **VVLs**

Field 24 thru **29** [Leave Blank]

Field 30 **PVCODE** [Always = PR]

Field 31 **PARLABEL** (Parameter Code -**PARLABEL**) use **VVLs**

Field 32 **N13**, **PARVAL** (Result)

Field 33 **PARVQ** (Qualifier) use **VVLs**

- Limited to [=, <, <=, >=, ND or DNQ]

Field 34 **N9**, **LABDL** (Method Detection Limit, MDL)

Field 35 **N9**, **REPD** (Minimum Level, ML)

Field 36 **REPDVQ** (If a value is entered for ML [**REPD**] then populate this field with the text "MRL", otherwise leave blank)

Field 37 [Leave Blank]

Field 38 **UNITS** (Parameter Units -**UNITS**) use **VVLs**

Field 39 thru **44** [Leave Blank]

Field 45 **RLNOTE** (QA Code -**QA_CODE**) use **VVLs**

Field 46 thru **53** [Leave Blank]

Field 54 **N9**, **RES_FF_1** (Reporting Limit, RL)

Field 55 **C50**, **55 RES_FF_2** (Comments)

Field 56 **RES_FF_3** (Sample Type -**SAMPLE_TYPE**) use **VVLs**

- [Single = Analytical/Raw Data]
- [1-Hour Average (Mean) = Calculated Data]

Field 57 **RES_FF_4** (Priority Review Flag, Yes = "Y", No = leave blank)

Field 58 [Leave Blank]