

EPA Region 2 EQuIS 6.6 EDD format version 4 Edits-Release notes

-A list of changes that are made to the new EPA Region 2 EQuIS 6.6 EDD format version 4.

For all information about the Electronic Data Deliverable (EDD), please check the EPA Region 2 Superfund EDD web page <https://www.epa.gov/superfund/region-2-superfund-electronic-data-submission>

EPA Region 2 EQuIS 6.6 EDD format version 4 edits

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1. Global changes throughout the format

Section	Changes	Benefit/ Reason to change
All section names	Changed all format section names from “_v3” to “_v4”. For example, the section “Location_v3” is now changed to “ Location_v4 ”.	New version name
All fields that have the DATETIME datatype	All the fields in the format that have the DATETIME datatype are changed to SMALLDATETIME datatype, so the seconds (-SS) is removed.	SQL system checks for “Smalldatetime” for the fields that have the date/time datatype.
Sign and Submit Tool	In the Sign & Submit Tool, ‘Program_code’ is changed to “EPA ID”.	Easy to be used by data providers.
Any section that has the “sys_loc_code” field	All the sys_loc_code in the format will throw an error when special characters are used, such as: & # % ! = + * < > " ' / \ ? [] \$.	The “\$” is added to the list to prevent users to put “\$” as the sys_loc_code.
Any section that has the “data_provider” field	All the data_provider in the format will throw an error “A valid Data Provider must be entered” when data_provider = ‘UNK’, ‘UNKNOWN’, ‘UNKNOWNX’, ‘12543’, ‘12013’.	A data provider should not be unknown.

2. Location_v4

Field	New Change	Benefit/ Reason to change
Total_depth	This field is required when loc_type = ‘MW’, ‘EXWELL’, ‘RW’, ‘SVE’, ‘BORING/WELL’, ‘IW’, ‘OB’, ‘SVM’, ‘DIRPUSH’, ‘PZ’	Make sure the total depth is reported when the location type of the location is one of the following: MW= Monitoring Well, EXWELL = Extraction Well, “SVE” = Soil Vapor Extraction Well, “BORING/WELL” = Soil Boring/Monitoring Well, “IW” = Injection Well, “OB” = Observation Well, RW = Recovery Well., “SVM” = Soil Vapor Monitoring Well, “DIRPUSH” = Direct Push”, and “PZ” = Piezometer.

3. DrillActivity_v4

Field	New Change	Benefit/ Reason to change
Diameter_unit	The unit 'm' is removed from the Diameter_unit field, leaving 'in', 'ft', 'cm', 'mm' in the enumeration list.	Unit is necessary if a value is provided. It also reduces errors and makes it easier for data providers.

4. Well_v4

Field	New Change	Benefit/ Reason to change
Well_status	We added the value "INACTIVE" to the enumeration list	Make field required and modify to an enumerated list for well_status consisting of "DECOMMISSIONED", "DESTROYED", and "ACTIVE". Definitions for each "status" to be added to the EDD Manual with instructions on how to address wells which have been damaged and are planned for repair. Provides data providers standard values and terms to use in this field.

5. Wellconstruction_v4

Field	New Change	Benefit/ Reason to change
Depth_unit	The description of depth_unit removed "unit must be in feet" and change the enumeration list to "ft" and "m"	Not restrict the unit must be in feet since we allow to select "ft" and "m".
Diameter_unit, Thickness_unit, Slot_size_unit	Removed the unit 'm' from the enumeration list.	Reduces errors and make it easier for the data providers.

6. SoilGas_v4

Field	New Change	Benefit/ Reason to change
Depth_unit	Changed from enumeration list to a list consists of "in", "ft", "cm", "m".	Reduces errors and make it easier for the data providers.

7. Sample_v4

(Some changes are applied to **VI_Samples_v4** section as well)

Field	New Change	Benefit/ Reason to change
Sampling_technique	This field is required if Sample_source = Field (Not used in the VI_Samples_v4 section)	Add the sampling technique to the sample method as sample method codes.
Sample_matrix_code	If Sample_matrix_code = AO or AI, then throw an error “SVI data should be entered in the VI_Sample_v4 section” (Not used in the VI_Samples_v4 section)	Restrict the AO or AI to be entered in the VI section.
Sample_type_code	If Sample_type_code = N, then sample_matrix_code cannot have the rt_matrix.matrix_class equal to NULL or LAB	Normal sample should not have the matrix class of Null or lab
Sample_source	If sample_source = FIELD, then sample_type_code should have the rt_sample_type.type_class should equal FQ or NF).	Prevents sample source form improperly assigning FIELD to a lab sample and LAB to a field sample.
Sample_source	If sample_source = LAB, then the Sample_type code should have the rt_sample_type.type_class should equal LQ.	Prevents sample source form improperly assigning FIELD to a lab sample and LAB to a field sample.
sample_date	sample_date field changed from DATETIME to SMALLDATETIME in format and field description. (Not used in the VI_Samples_v4 section)	SQL system checks for “Smalldatetime” for the fields that have the date/time datatype.
SAMPLE_TYPE_CODE	If SAMPLE_TYPE_CODE = TB, EB, RB then sys_loc_code cannot be populated.	Field blanks, trip blanks, Rinse Blanks do not require location codes.
Sent_to_lab_date	The field Sent_to_lab_date changed from DATETIME to SMALLDATETIME in format and field description.	SQL system checks for “Smalldatetime” for the fields that have the date/time datatype.

8. TestResultQC_v4

(Some changes are applied to **VI_TestResultsQC_v4** section as well)

Field	New Change	Benefit/ Reason to change
Lab_matrix_code	If lab_matrix_code = AO or AI, then throw an error "SVI data should be entered in the VI_TestResultsQC_v4 section." <i>(this rule only applies to the TestResultQC_v4)</i>	Create an error if one of the SVI matrices is selected in this field. SVI matrices should be reported in the VI_TestResults_QC section.
Validated_yn	If validated_yn = N and validator_qualifier (s) are populated, throw an error on validated_yn with the error message: "Review validated data. For data that has been validated, validated_yn should equal Y. For data that has not been validated, the validator_qualifier should not be populated."	Create error flag if validated_yn is "N" and validator_qualifiers is populated. Validator_qualifier shouldn't contain a qualifier if the data are not validated. This error keeps the validated_yn and validator_qualifiers column in sync.
Detect_flag, interpreted_qualifier	If detect_flag = Y, interpreted_qualifier = 'U', then one of the radiological fields must be populated (minimum_detectable_conc, counting_error, uncertainty, critical_value). Else throw an error on interpreted_qualifier that "Detectable results should not contain a "U" interpreted qualifier, unless reporting Radiation data. For Radiation data, one of the following fields must be populated minimum_detectable_conc, counting_error, uncertainty, critical_value.")	Radiation data needs to be able to be reported as a numeric result with a detect = Y and a U or UJ qualifier.