

EDD FIELD DESCRIPTIONS

RIM Training Session
10/7/04

1. Bold fields indicate REQUIRED FIELDS.
2. Italicized fields indicate fields that are required for field-collected samples only.

PROJECT INFO

FIELD NAME	FIELD DESCRIPTION	FIELD SPECS
Project_Name	Project name for which data were collected	Text [60]
	Given by Applicant	
Survey_Name	Subset of Project Name (if none, use Project Name again)	Text[40]
	Only relevant if multiple field efforts per project. If multiple surveys, submit one EDD per survey. Use project name again if no survey name.	
Collector	Name of organization that collected samples	Text[40]
Metadata_filename	FGDC Metadata file for these data	Text[40]
Permit_Contract_Number	Permit or contract number for which data were collected	Text[50]
	For private projects, use permit number. Include "NAE" if present. For federal projects, use contract number. Don't include dashes for either.	
Survey_Start_Date	Survey started on this date	Date [MM/DD/YYYY]
Survey_End_Date	Survey ended on this date	Date [MM/DD/YYYY]
Town	Project location	Text[40]
State	Two-letter abbrev.	Text[2]

SAMPLING INFO

FIELD NAME	FIELD DESCRIPTION	FIELD SPECS
Sample_Name	Whole sample, subsample or QC sample name	Text[40]
	The name of the core, grab, or QC sample, or if subsampling has occurred (because of stratification), the subsample. Use nomenclature consistent with sampling plan when possible. For QC samples, chose a unique name that is reflective of the test performed.	
QC_Sample	True/False	Text[5]
	If sample is a QC sample, enter True. If not, enter False.	
Station_Name	Name of station or target of sample	Text[20]
	This field is not relevant for most permit projects and some federal projects.	
Collection_Date	Sample was collected on this day. For QC samples use analysis date	Date[MM/DD/YYYY]
Collection_Time	Sample was collected at this time	Date[HH24:MM]
Station_Y	Station or Target Latitude	Number[DD MM.MMMM]
	Coordinates should be reported in NAD 83 to at least four decimal places. Station is a target location used for multiple sampling events. This field is not relevant for most permit projects and some federal projects.	
Station_X	Station or Target Longitude	Number[DD MM.MMMM]
	Coordinates should be reported in NAD 83 to at least four decimal places. Station is a target location used for multiple sampling events. This field is not relevant for most permit projects and some federal projects.	
Sample_Y	Sample Latitude	Number[DD MM.MMMM]
	Required for field-collected samples only. Where sample was collected from, reported in NAD 83 to at least four decimal places.	
Sample_X	Sample Longitude	Number[DD MM.MMMM]
	Required for field-collected samples only. Where sample was collected from, reported in NAD 83 to at least four decimal places	

FIELD NAME	FIELD DESCRIPTION	FIELD SPECS
GPS_Accuracy	Accuracy in m	Number[15]
	Required for field-collected samples only. Accuracy of the sample coordinates shall be recorded in m. This recorded accuracy may be either the manufacturer's reported accuracy of the sampling device or the measured accuracy of the coordinates.	
Sample_Type_Code	Sample Type Code from Code Appendix sheet	Text[3]
Sample_Purpose	Sample Purpose Code from Code Appendix sheet	Text[10]
	Usually REG or one of the QC codes	
USCS_Code	United Soil Classification System Code	Text[10]
Sample_Description	Physical Description of Sample	Text[60]
Core_Name	Core Name	Text[20]
	Required field if Sample Name refers to a core or core subsample	
Core_Length	Length of Core (cm)	Number[10]
	Required field if Sample Name refers to a core subsample	
Core_Sample_Top	Depth of the top of the sample within the core (cm)	Number[10]
	Required field if Sample Name refers to a core subsample	
Core_Sample_Bottom	Depth of the bottom of the sample within the core (cm)	Number[10]
	Required field if Sample Name refers to a core subsample	
Image	Sample image file name or pathway	Text [100]
	If you are submitting sample images, include the image file name in the Image field (or file pathway if you are submitting a folder with subfolders).	

COMPOSITE INFO

FIELD NAME	FIELD DESCRIPTION	FIELD SPECS
Composite_Name	Name of Composite used in Laboratory Results sheet	Text[40]
	Fields on this sheet are required only for projects with composites	
SubSample1	Sample Name of subsample used in composite. Sample name should be represented in the Sampling Info sheet	Text[40]
SubSample2	see SubSample1 for desc.	Text[40]
SubSample3	see SubSample1 for desc.	Text[40]
SubSample4	add more subsamples using the same convention (SubSample5) if needed.	Text[40]

LABORATORY RESULTS

FIELD NAME	FIELD DESCRIPTION	FIELD SPECS
Sample_Comp_Name	Sample Name (whole sample, subsample, or QC sample) or Composite Name referenced on the Sampling Info or Composite Info sheet	Text[40]
	This is the name of the sample you are reporting results for. It MUST also be listed as Sample Name on the Sampling Info sheet or the Composite Info sheet.	
Sample_Delivery_Group		Text[15]
Lab_matrix		Text[15]
Lab_Sample_Number	Lab assigned sample number	Text[20]
Lab_ID_Code		Text[10]
Analysis_Date		Date[MM/DD/YYYY]
Analysis_Time		Date[HH24:MM]
QC_Batch_Number	QC Batch Number associated with this analysis	Text[20]
	Required for both QC and non-QC samples	
Analyte_Type	Analyte Type code from Code Appendix sheet	Text[4]
CAS_Number	CAS number or reference number (from CAS Numbers sheet). Enter as a number without dashes.	Number[11]
	New reference numbers will be added upon request	
Result	Result or RL for non-detects	Number[10]
	Non-detects should be reported as the RL and qualified with a U. The Result field shall not be left blank. If a result was not obtained (e.g., if an RPD cannot be calculated due to non-detects), enter "-999" and use the appropriate qualifier.	
Result_Qualifier	From Code Appendix sheet or other qualifier (lab-defined)	Text[7]

FIELD NAME	FIELD DESCRIPTION	FIELD SPECS
	This field is required if the data need to be qualified. Result qualifiers and descriptions can be taken from the appendix, or labs can enter their own codes and description. If defining a new qualifier, don't use a letter already defined in the appendix.	
Result_Qualifier_Desc	Include definition if using qualifier not in Code Appendix sheet	Text[50]
	Result qualifiers and descriptions can be taken from the appendix, or labs can enter their own codes and description. If defining a new qualifier, don't use a letter already defined in the Code Appendix.	
Units_of_Measure	Use units specified in CAS_Numbers sheet	Text[10]
	For unitless measurements, write "unitless". The units for % Recovery and Relative Percent Difference will be "%".	
Retention_Time	Required for Tentatively Identified Compounds only; for target compounds and surrogates leave blank	Text[8]
Analyte_Name		Text[60]
	e.g., cadmium, grain size, etc.	
Reporting_Limit	Reporting limit as specified in the LQAP and adjusted for moisture and dilution	Number[10]
	The Reporting Limit is required for all chemistry analyses. It is not required for physical analyses. Use same units as on CAS Numbers sheet.	
Method_Detection_Limit	Most recent MDL (from annual MDL study)	Number[10]
	The Method Detection Limit is required for all chemistry analyses. It is not required for physical analyses. Use same units as on CAS Numbers sheet.	
Dilution_Factor	If sample is not diluted, report a value of 1	Number[7]
Sample_Prep_Code	Provided in the Code Appendix Sheet. This code is used to indicate the sample leaching method used or to indicate confirmatory analysis. Usually NORM will be used.	Text[4]
Extraction_Date		Date[MM/DD/YYYY]
Extraction_Time		Date[24HR:MM]

FIELD NAME	FIELD DESCRIPTION	FIELD SPECS
Lab_Method	Provide Method # when available; otherwise, use NORM	Text[35]
	If relevant code is not available, provide a brief description	

CODE APPENDIX

Sample Types

Sample Type Code	Sample Type
SC	Sediment Core
SG	Sediment Grab
SQ	Sediment Chemistry for QC Purposes
WC	Water Chemistry

Analyte Types

Result Type	Description
TRG	Target parameter for analysis
TIC	Tentatively identified compound
IS	Internal Standard added to the sample by the laboratory
SUR	Surrogate compound added to the sample by the laboratory

Sample Prep Codes

Prep Code	Description
1310	Leachate Method SW1310
1311	Leachate Method SW13 11
1312	Leachate Method SW1312
CIT	Waste extraction test using sodium citrate
CON I	Confirmation Analysis-First
CON2	Confirmation Analysis-Second
DION	Waste extraction test using de-ionized water
NORM	Normal preparation associated with analytical method used

Sample Purpose

Sample Purpose	Description
BKS	Blank spike
BLK	Blank
BSD	Blank spike duplicate
CB	Calibration blank
LCD	Laboratory control duplicate sample
LCS	Laboratory control sample
LR	Laboratory replicate
MS	Matrix spike
MSD	Matrix spike duplicate
REG	Regular environmental field sample
AB	Ambient condition blank (HAZWRAP definition)
ER	Equipment rinsate
FB	Field blank (EPA definition)
FD	Field duplicate
RD	Regulatory duplicate collected in the field by a regulator
SMQC	Source material quality control
SPLT	Regular sample split in two; each half is sent to a different lab
TB	Trip blank

Result Qualifiers

Result Qualifier	Description
U	Compound was analyzed for but was not detected (non-detect)
J	Estimated value less than RL
B	Analyte found in both sample and associated blank
E	Reported concentration exceeds the calibration range of the instrument for that specific analysis for organics. Reported value is estimated due to the presence of an interference for inorganics .
D	Dilution run: initial run outside linear range of instrument
N	Spiked sample recovery not within control limits
S	Reported value determined by Method of Standard Additions (MSA)
*	Duplicate analysis not within control limits
+	Correlation coefficient for the MSA is less than 0.995
X	It is not possible to calculate the RPD; one result was below the detection limit
Y	It is not possible to calculate the RPD; both results were non-detects