1077622

Field	Example Entry	Description	Field Format	Valid Value ID
intID_Station	1	Unique sequential identifier for station record	Autonumber	
StationID	LRC-1	Unique station identifier	Text; XX char	
StationAlias	RC-8	Station identifier used in other sampling programs	Text; XX char	
StationType	Stream	Type of station	Text; XX char	a
StationDesc	Lower Rainy Creek	Station description	Text; 255 char	
Transect	6	For forest samples, transect identifier	Number; integer	
Length_ft	120	Length of station in feet	Number; double	
Width_ft	12	Width of station in feet	Number; double	
GPSCoordSys	WGS84 Lat/Lon	GPS horizontal coordinate system	Text; XX char	y
XCoord	-105.123456	X coordinate	Number; double (6 decimals)	
YCoord	40.123456	Y coordinate	Number; double (6 decimals)	
ElevCoordSys	NAVD88 meters	Elevation vertical coordinate system	Text; XX char	y
Elev	1000	Station elevation	Number; double	
ElevUnits	meters	Station elevation units	Text; XX char	
StationComments	Comments....	Station comments	Text; 255 char	
intID_Sample	1	Unique sequential identifier for sample record	Autonumber	
StationID	LRC-1	Station identifier	Text; XX char	
IndexID	P1-00001	Unique sample identifier	Text; XX char	
Phase	Phase 1	Investigation	Text; XX char	b
FieldLogbook	P12357	Field logbook number for sample collection	Text; XX char	
LogbookPg	19-21	Pages in field logbook for sample collection	Text; XX char	
SampAgency	SRC	Sampling team agency association	Text; XX char	
SampTeam	LCW, EK	Sampler initials	Text; XX char	
SampDesc	1st floor	Sample description	Text; XX char	
Media	Air	Media	Text; XX char	c
AirType	Stationary	Type of air monitor	Text; XX char	d
Matrix	Indoor	Media-specific matrix description	Text; XX char	e
FieldQCType	Field Duplicate	Field QC sample type	Text; XX char	f
ParentID	P1-00002	Sample identifier of matched field sample	Text; XX char	
SampType	Composite	Type of sample	Text; XX char	g
CompNum	5	For composite samples, number of sub-samples	Number; integer	
SampDate	9/13/2007	Sample collection date	Date; mm/dd/yyyy	
SampTime	4:45:00 PM	Sample collection time	Time: hh:mm AM/PM	
SampQuant	1000	Quantity collected (see footnote h)	Number; double	
QuantUnits	L	Units for quantity collected (see footnote h)	Text; XX char	
TreeDiam	8.5	Tree diameter (caliper)	Number; double	
DiamUnits	in	Tree diameter units	Text; XX char	
SampHt	60	Sample collection height	Number; double	
HtUnits	in	Sample collection height units	Text; XX char	
PoreSize	0.45	For air samples, pore size (um) of filter	Number; double	
StartDepth	0	Starting depth of sample	Number; double	
EndDepth	2	Ending depth of sample	Number; double	
DepthUnits	in	Depth units	Text; XX char	
Species	Channel Catfish	For biological samples, species name	Text; XX char	
SampSex	F	For biological samples, sample sex	Text; 1 char	v
SampAge	1	For biological samples, sample age	Number; double	
AgeUnits	yr	Age units	Text; XX char	
SampLen	490	For biological samples, sample length	Number; double	
LenUnits	cm	Length units	Text; XX char	
SampleWt	1200	For biological samples, sample weight	Number; double	
WtUnits	g	Weight units	Text; XX char	
SampComments	Comments....	Sample comments	Text; 255 char	
intID_Tsect	1	Unique sequential identifier for transect record	Autonumber	
IndexID	P1-00001	Sample identifier	Text; XX char	
TransID	Line 1	Transect identifier	Text; XX char	
TransPtDesc	Transect Start	Point on the transect or polygon perimeter	Text; XX char	i
GPSCoordSys	WGS84 Lat/Lon	GPS horizontal coordinate system	Text; XX char	y
XCoord	-105.123456	X coordinate	Number; double (6 decimals)	
YCoord	40.123456	Y coordinate	Number; double (6 decimals)	
ElevCoordSys	NAVD88 meters	Elevation vertical coordinate system	Text; XX char	y
Elev	1000	Station elevation	Number; double	
ElevUnits	meters	Station elevation units	Text; XX char	
inID_Jar	1	Unique sequential identifier for container record	Autonumber	
IndexID	P1-00001	Sample identifier	Text; XX char	
JarSuffix	B	Container identifier letter suffix	Text; 1 char	
Filtered	No	For water samples, was sample filtered?	Y/N	w
Preserv	HCl	Preservative added	Text; XX char	
JarDesc	1L HDPE	Container description	Text; XX char	
AnalysesReq	Metals, Rads, TOC	Analyses requested for container	Text; XX char	
AnalysisLab	EMSL	Analysis laboratory name	Text; XX char	
ShipDate	8/9/2007	Shipment date	Date; mm/dd/yyyy	
Carrier	FedEx	Shipment carrier	Text; XX char	

ShipMethod	Priority	Shipment method	Text; XX char	
TrackingID	7-3849-586	Tracking identifier	Text; XX char	
COCID	P1-843903	Chain of custody identifier	Text; XX char	
intID_Pump	1	Unique sequential identifier for pump interval record	Autonumber	
IndexID	P1-00001	Sample identifier	Text; XX char	
PumpID	567-asd	Pump identification	Text; XX char	
FlowMeter	asdf	Flow meter identification	Text; XX char	
Interval	1	Pump interval (up to 5 intervals accepted)	Number; integer	x
StartDate	8/1/2007	Pump start date	Date; mm/dd/yyyy	
StartTime	6:36:00 AM	Pump start time	Time: hh:mm AM/PM	
StartCounter	12345.2	Pump start counter	Number; double	
StartFlow	10.2	Start flow rate	Number; double	
StopDate	8/1/2007	Pump stop date	Date; mm/dd/yyyy	
StopTime	12:52:00 PM	Pump stop time	Time: hh:mm AM/PM	
StopCounter	56289.2	Pump stop counter	Number; double	
StopFlow	9.7	Stop flow rate	Number; double	
FlowUnits	L/min	Flow rate units	Text; XX char	
PumpFault	No	Did a pump fault occur?	Y/N	w
PumpComments	Comments....	Pump Comments	Text; 255 char	
EDDFilename	Pump_8-31-07.xls	Filename of pump EDD spreadsheet	Text; 255 char	
intID_PLMPrep	1	Unique sequential identifier for PLM preparation record	Autonumber	
IndexID	P1-00001	Sample identifier	Text; XX char	
JarSuffix	A	Container identifier letter suffix	Text; 1 char	
PrepLab	EMSL	Preparation laboratory name	Text; XX char	
PrepBy	WCK	Preparation personnel initials	Text; XX char	
PrepDate	3/15/2000	Preparation date	Date; mm/dd/yyyy	y
PrepMethod	SOP-CDM-07	Preparation method	Text; XX char	
SoilMass	23.7	Total soil mass	Number; double	
CoarseMass	8.5	Coarse soil mass	Number; double	
FineMass	15.2	Fine soil mass	Number; double	
MassUnits	g	Mass units	Text; XX char	
FineAliqNum	5	Number of fine ground aliquotes prepared	Text; XX char	
ArchiveLoc	R567	Archive location of soil samples	Text; XX char	
PrepComments	Comments...	Preparation comments	Text; 255 char	
intID_TEMPrep	1	Unique sequential identifier for TEM preparation record	Autonumber	
intFK_Analysis	1	Analysis identifier	Number; integer	
IndexID	P1-00001	Sample identifier	Text; XX char	
JarSuffix	A	Container identifier letter suffix	Text; 1 char	
PrepLab	EMSL	Preparation laboratory name	Text; XX char	
PrepBy	WCK	Preparation personnel initials	Text; XX char	
PrepDate	3/15/2000	Preparation date	Date; mm/dd/yyyy	
PrepMethod	Direct	Preparation method	Text; XX char	j
GridsPrep	3	Number of grids prepared	Number; integer	
ArchiveLoc	R567	Archive location of grids	Text; XX char	
LooseMat	No	For air samples: was loose material or debris in cowl?	Y/N	w
Fract1Filter	0.25	Fraction of primary filter utilized in indirect preparation	Number; double	
Fract2Filter	0.25	Fraction of secondary filter utilized in ashing preparation	Number; double	
DilutAliq1	50	First dilution: aliquot volume (mL)	Number; double	
DilutVol1	100	First dilution: total volume (mL)	Number; double	
DilutAliq2	20	Second dilution: aliquot volume (mL)	Number; double	
DilutVol2	100	Second dilution: total volume (mL)	Number; double	
DilutAliq3	10	Third dilution: aliquot volume (mL)	Number; double	
DilutVol3	100	Third dilution: total volume (mL)	Number; double	
FFactor	0.75	Dilution factor	Number; double	
PrepComments	Comments...	Preparation comments	Text; 255 char	
intID_Analysis	1	Unique sequential identifier for analysis record	Autonumber	
IndexID	P1-00001	Sample identifier	Text; XX char	
JarSuffix	A	Container identifier letter suffix	Text; 1 char	
FractSuffix	FG5	Soil fraction suffix	Text; 3 char	
AnalysisType	TEM	Analysis type	Text; XX char	k
AnalysisMethod	ISO10312	Analysis method	Text; XX char	l
AnalysisLab	EMSL	Analytical laboratory name	Text; XX char	
RcptDate	3/8/2000	Receipt date	Date; mm/dd/yyyy	
COCID	8-98741	Chain of custody identifier	Text; XX char	
LabQCType	Recount Different	Laboratory QC type	Text; XX char	m
LabJobID	AB1001	Laboratory job identifier	Text; XX char	
LabSampID	E-0056	Laboratory sample identifier	Text; XX char	
Instrument	JEOL 100CX	TEM instrument type	Text; XX char	
Voltage	100KV	TEM instrument voltage (kV)	Text; XX char	
Magnific	20,000X	TEM magnification	Text; XX char	
GOSize	0.0129	TEM grid opening size (mm^2)	Number; double	
GOCount	10	Number of TEM grid openings counted	Number; integer	

EFA	385	TEM effective filter area (mm^2)	Number; double	
COCVolArea	1000	Quantity reported on chain of custody	Number; double	
COCVolAreaUnits	L	Quantity units	Text; XX char	
AnalysisStatus	analyzed	Analysis status	Text; XX char	n
AnalysisBy	KHT	Analysis personnel initials	Text; XX char	
AnalysisDate	3/16/2000	Analysis date	Date; mm/dd/yyyy	
MinAR_Rule	3.2	TEM Counting Rule: minimum aspect ratio	Number; double	
MinLen_Rule	5.1	TEM Counting Rule: minimum length (um)	Number; double	
MinWid_Rule	0.3	TEM Counting Rule: minimum width (um)	Number; double	
TargetSens_Stop	0.008	TEM Stopping Rule: target sensitivity	Number; double	
MaxGO_Stop	100	TEM Stopping Rule: maximum grid openings counted	Number; integer	
MaxStruc_Stop	50	TEM Stopping Rule: structures recorded	Number; integer	
RefMat	ISTM	PLM Reference material	Text; XX char	
AnalysisComments	Comments....	Analysis comments	Text; 255 char	
AnalysisDev	TAT not met	Deviations from analysis method	Text; 255 char	
EDDvers	2b	Version of EDD spreadsheet	Text; XX char	
CorrectNum	2	EDD correction number	Number; integer	
EDDFilename	Libby_EMSL_1-00001_0	Filename of analysis EDD spreadsheet	Text; 255 char	
intID_ResultAsb	1	Unique sequential identifier for asbestos result record	Autonumber	
intFK_Analysis	1	Analysis identifier	Number; integer	
ResultChar	MF	Result characteristic	Text; XX char	r
MineralClass	LA	Mineral class type	Text; XX char	p
ResultNum	1	Result as number	Number; double	
ResultTxt	<	Result as text	Text; XX char	
ResultUnits	%	Result units	Text; XX char	
ResultComments	asdf	Result comments	Text; 255 char	
intID_Struc	1	Unique sequential identifier for structure record	Autonumber	
intFK_Analysis	1	Analysis identifier	Number; integer	
SeqID	1	Structure record sequence identifier	Number; integer	
GridID	A	Grid identifier	Text; XX char	
GOID	F4-4	Grid opening identifier	Text; XX char	
StrucType	F	Structure Type	Text; XX char	o
Primary	1	Primary sequential identifier	Number; integer	o
Total	1	Total sequential identifier	Number; integer	o
Len_um	5.6	Structure length (um)	Number; double	
Wid_um	0.25	Structure width (um)	Number; double	
AR	2.3	Structure aspect ratio	Number; double	
MinClass	CH	Mineral class type	Text; XX char	p
Identification	CD	Structure identification	Text; XX char	o
Sketch	1	Was structure sketch included on benchsheet? (1=yes)	Number; integer	
Photo	1	Was structure photo taken? (1=yes)	Number; integer	
EDS	1	Was structure EDS taken? (1=yes)	Number; integer	
FractGOChrys	0.3	What portion of grid opening was counted for chrysotile?	Number; double	
StrucComments	Photo#2541	Structure comments	Text; 255 char	
intID_Optical	1	Unique sequential identifier for optical record	Autonumber	
intFK_Analysis	1	Analysis identifier	Number; integer	
FbrMorph	S	Structure morphology	Text; XX char	q
FbrColor	B	Structure Color	Text; XX char	q
SignElong	+	Sign Elongation	Text; XX char	q
Pleoch	Y	Pleochromism	Text; XX char	q
ExtinctAng	P	Entinction Angle	Text; XX char	q
RIalpha	0.362	Refractive Index alpha	Number; double	q
RIgamma	0.6359	Refractive Index gamma	Number; double	q
Biref	L	Birefringence	Text; XX char	q
OpticalComments	Comments....	Optical comments	Text; 255 char	
intID_ResultNonAsb	1	Unique sequential identifier for asbestos result record	Autonumber	
intFK_Analysis	1	Analysis identifier	Number; integer	
AnalyteGrp	Metals	Analyte group	Text; XX char	s
Analyte	Arsenic	Analyte name	Text; XX char	
CASRN	128965-97-8	Analyte CAS registry number	Text; XX char	
ResultNum	2.25	Result as number	Number; double	
ResultTxt	calc	Result as text	Text; XX char	
ResultUnits	ug/L	Result units	Text; XX char	
WtBasis	wet	Result weight basis	Text; 3 char	t
LabQual	J	Laboratory qualifier	Text; XX char	
ValQual	R	Validation qualifier	Text; XX char	
ValQualReason	Outside acceptable range	Reason for validation qualifier	Text; 255 char	
QL	5	Quantitation limit	Number; double	
QLUnits	ug/L	Quantitation limit units	Text; XX char	
DL	5.23	Detection limit	Number; double	
DLUnits	ug/L	Detection limit units	Text; XX char	
RL	10.2	Reporting limit	Number; double	

RLUnits	ug/L	Reporting limit units	Text; XX char	
DilFactor	1	Dilution factor	Number; double	
ResultComments	Comments...	Result comments	Text; 255 char	
intID_ResultOther	1	Unique sequential identifier for other result record	Autonumber	
intFK_Analysis	1	Analysis identifier	Number; integer	
ResultChar	Number of Tricoptera	Result characteristic	Text; XX char	u
ResultNum	562	Result as number	Number; double	
ResultTxt		Result as text	Text; XX char	
ResultUnits	count	Result units	Text; XX char	
ResultComments	Comments....	Result comments	Text; 255 char	

Valid Value ID

a
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y

Description

a -- Pond, Stream, Forest, Mine Site

b -- All samples will be assigned to Phase I

c -- Air, Soil-like, Tree Bark, Surface water, Sediment, Groundwater, Small Mammal, Benthic Invertebrate

d -- All samples will be stationary for Phase I

e -- For air: indoor, outdoor. For soil-like: mine waste, tailings, ... For tissue: whole body, liver, etc.

f -- Field Duplicate, Field Split, Field Blank, Lot Blank, Equipment Blank, Trip Blank

g -- Grab, Composite

h -- For air, volume in liters. For tree bark, surface area in cm^2.

i -- Transect start, Transect end

j -- Direct, Indirect, Indirect-Ashed

k -- Asbestos analysis methods: TEM, PLM. Non-asbestos analysis methods: METALS, PEST, etc.

l -- Asbestos analysis methods: ISO10312, EPA 100.2, PLM-Grav, PLM-VE. Non-asbestos analysis methods: ??'

m -- Lab Duplicate, Lab Blank, Recount Same, Recount Different, Interlab, Reprep, Matrix Spike, Matrix Spike D

n -- Analyzed, Damaged, Missing

o -- see ISO10312 for appropriate recording methods

p -- Libby Amphibole (LA), other amphibole (OA), chrysotile (C)

q -- see PLM-VE EDD for appropriate recording methods

r -- For TEM: Total structures, Sensitivity. For PLM: MF, AF, Bin.

s -- Metals, Pesticides, PCBs, etc.

t -- For tissue and sediment analyses: Wet, Dry

u -- see SAP for appropriate community, toxicity, and histological metrics

v -- M, F

w -- Yes, No

x -- 1, 2, 3, 4, 5

y -- need input on appropriate picklist entries

??
Duplicate