STORET 2.0 Guidance

This document is to be used as a reference for loading data into STORET 2.0 using SIM2.0.1 and DEPSIM2.0. Not every situation or allowed value has been listed. If you have are unsure about an allowed value to best way to find it is by looking within the STORET application. EPA has included a DEMOTEST organization for the dual purpose of viewing examples and testing data. Also within the SIM program the translation button in the edit import configuration will allow you to search for the allowed value for that field. As always, the STORET Staff is availalble to assist you with any questions.

PROJECTS

Column	Required by STORET	Required by DEP		Condition	Allowed Values	Description	Length
Project ID	Yes						8
Name	Yes						60
Start Date	Yes				Specify format for SIM.		10
Duration	Yes						15
Purpose	Yes						1999
Contact							1999
Document/ Graphic							256

STATIONS

Column	Required by STORET	Required by DEP		Condition	Allowed Values	Description	Length
Station ID	Yes				Must exist in STORET		15
Station Name		Yes			DEP needs a descriptive location in this field. For example: Big River - 1 mile N of US 27 Bridge.		60
Primary Type	Yes				CERCLA Superfnd Site		
					Canal		
					Cave		
					Channelized stream		
					Combined sewer		
					Constructed Wetland		
					Estuary		
					Facility		
					Gallery		
					Great Lake		
					Lake		
					Land		
					Land runoff		
					Landfill		
					Mine/mine discharge		
					Ocean		
					Reservoir		
					River/Stream		
					Riverine impoundment		
					Spring		
					Storm sewer		
					Waste pit		
					Waste sewer		
					Well		
					Wetland		

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Field	Req			Condition	Value		Len
Secondary Type	Yes			If CERCLA Superfnd Site	None		
				If Canal	Drainage		
					Irrigation		
					Transport		
				If Cave	None		
				If Channelized stream	None		
				If Combined sewer	None		
				If Constructed Wetland	None		
				If Estuary	None		
				If Facility	Industria		
					Municipal Sewage (POTW)		
					Municipal Water Supply (PWS)		
					Other/combined		
					Privately Owned non-industria		
				If Gallery	None		
				If Great Lake	None		
				If Lake	None		
				If Land	None		
				If Land runoff	None		
				If Landfill	None		
				If Mine/mine discharge	None		
				If Ocean	None		
				If Reservior	None		
				If River/Stream	None		
				If Riverine impoundment	None		
				If Spring	None		
				If Storm sewer	None		
				If Waste pit	None		
				If Waste sewer	None		
				If Well	None		
				If Wetland	Estuarine, emerged		
					Estuarine, forested		
					Estuarine, scrub-shrub		
					Lacustrine, emergent		
					Palustrine, emergent		
					Palustrine, forested		
					Palustrine, moss-lichen		
					Palustrine, shrub-scrub		
					Riverine, emergent		
Establishment Date					Specify format for SIM.		10
Point Name							30
Water Depth							8
Water Depth Units	Conditional				cm		
					m		
					mi		
					km		
					in		
					ft		
Station Description							4000
Document/ Graphic							256
EPA Key Identifier							36
Point Name							30

Latitude	Yes	Yes			Specify format for SIM.		14
Latitude Direction	Defaults to "N"				Yes		1
Longitude	Yes	Yes			Specify format for SIM.		15
Longitude Direction	Defaults to "W"				Yes		1
Lat/Long Measurement Date					Specify format for SIM.		10
Geopositioning Datum	Yes				AMSMA	American Samoa Datum	
					ASTRO	Midway Astro 1961	
					GUAM	Guam 1963	
					JHNSN	Johnson Island 1961	
					NAD27	North American Datum 1927 - Common	
					NAD83	North American Datum 1983 - Most Common	
					OLDHI	Old Hawaiian Datum	
					OTHER	Other	
					PR	Puerto Rico Datum	
					SGEOR	St. George Island Datum	
					SLAWR	St. Lawrence Island Datum	
					SPAUL	St. Paul Island Datum	
					UNKWN	Unknown	
					WAKE	Wake-Eniwetok 1960	
					WGS72	World Geodetic System 1972	
					WGS84	WGS84 - World Geodetic System 1984 - Common	
Geopositioning Method	Yes				001	Address Matching-House Number	
					002	Address Matching-Block Face	
					003	Address Matching-Street Centerline	
					004	Address Matching-Nearest Intersection	
					005	Address Matching-Primary Name	
					006	Address Matching-Digitized	
					007	Address Matching-Other	
					008	Census Block-1990-Centroid	
					009	Census Block/Group-1990-Centroid	
					010	Census Block/Tract-1990-Centroid	
					011	Census-Other	
					012	GPS Carrier Phase Static Relative Position	
					013	GPS Carrier Phase Kinematic Relative Position	
					014	GPS Code (Pseudo Range) Differential	
					015	GPS Code (Pseudo Range) Precise Position	
					016	GPS Code (Pseudo Range) Standard Position (SA Off	
					017	GPS Code (Pseudo Range) Standard Position (SA On	
					018	Interpolation-Map	
					019	Interpolation-Photo	
					020	Interpolation-Satellite	
					021	Interpolation-Other	
					022	Loran C	
					023	Public Land Survey-Quarter Section	
					024	Public Land Survey-Section	
					025	Classical Surveying Techniques	
					026	ZIP Code-Centroid	
					027	Unknown	
					028	GPS-Unspecified	
					029	GPS, with Canadian Active Control System	
					030	Interpolation - Digital Map Source (TIGER	
					031	Interpolation - SPOT	
					032	Interpolation - MSS	
					033	Interpolation - TM	
					034	Public Land Survey-Eighth Section	
					035	Public Land Survey-Sixteenth Section	
					036	Public Land Survey-Footing	
					037	ZIP+4 Centroid	
					038	ZIP+2 Centroid	

Field	Req			Condition	Value	Description	Len
Scale	Conditional			If Method = Interpolation			20
State	Yes				FL		2
County	Yes				See List in STORET		25
HUC							8
Ecoregion Name							60
NRCS Watershed ID							8
Influence Area							120
Travel Directions							254
ZID Relation					AB	At Boundary	
					NF	At Outfall	
					WZ	Within ZID	
					FF	Beyond ZID	
					RF	Reference	
Native American Land Name							40
Native American Land State							2
Elevation							9
Elevation Units	Conditional			If elevation is given	ft		2
					m		
Elevation Method	Conditional			If elevation is given			3
Elevation Datum	Conditional			If elevation is given			6
Elevation Measurement Date					Specify format for SIM.		10
Ocean Name	Conditional			If primary type is Ocean	Arctic Ocean		15
					Atlantic Ocean		
					Caribbean Sea		
					Gulf of Mexico		
					Pacific Ocean		
Shore Relation	Conditional			If primary type is Ocean	Near Shore	within territorial waters	10
					Off Shore	beyond territorial waters	
Additional Ocean Name							30
Ocean Station Dist to Shore							6
Ocean Station Dist to Shore Units	Conditional			If distance is given	nmi		3
					mi		
					mi		
					km		
					ft		
Ocean Station Ref Point							30
Ocean Station Bottom Topography							254
Primary Estuary	Conditional			If Primary type is Estuary	A list of Primary Estuaries can be found in Sim, STORET, or DEP's additional documentation		30
Primary Estuary State	Conditional			If Primary type is Estuary	Yes	You will most likely use 'Florida'	40
Secondary Estuary					A list of Primary Estuaries can be found in Sim, STORET, or DEP's additional documentation		30
Other Estuary							30

Column	Required by STORET	DEP Planning	DEP Verified	Conditional Explanation	Allowed Values	Description/Help	Multiple Entries
Additional Estuary Name							30
Estuary Distance to Shore							6
Estuary Dist to Shore Units	Conditional			If distance is given	nmi / mi / mi / km / ft		3
Estuary Reference Point							30
Great Lake	Conditional			If primary type is Great Lake	Lake Ontario / Lake Erie / Lake Huron / Lake Michigan / Lake Superior	You will most likely not use this field	
Additional Great Lake Name							30
Great Lake Dist to Shore							6
Great Lake Dist to Shore Units	Conditional			If distance is given	nmi / mi / mi / km / ft		3
Great Lake Reference Point							30

Results							
Column	Required by STORET	DEP Planning	DEP Verified	Conditional Explanation	Allowed Values	Description/Help	Multiple Entries
Trip ID	Yes		Yes		Must Exist in STORET		15
Trip Start Date	Conditional			If not generated by SIM, Trip Start Date must be in file or exist.	Specify format for SIM.		10
Trip Stop Date					Specify format for SIM.		10
Trip Name							60
Station ID	Yes		Yes		Must Exist in STORET		15
Point Type					Must Exist in STORET		16
Sequence Number	Conditional			When needed			4
Well or Pipe ID	Conditional			For Wells			15
Additional Location Information							254
Station Visit Number	Yes		Yes				3
Station Visit Arrival Date	Conditional			If not generated by SIM, Station Visit Arrival Date must be in file or exist.	Specify format for SIM.		10
Visit Comments							4000
Visit Document/Graphic							256
Project ID	Yes		Yes		Must Exist in STORET	Separate Multiple Entries with "\"	8
Activity ID	Yes		Yes				12
Medium	Yes		Yes		Air / Biological / Other / Sediment / Soil / Water		8
Activity Type	Yes		Yes		Sample / Field Msr/Obs / Data Logger / Trip QC	Material removed from the field for analysis elsewhere. / A measurement or observation made in the field, not removing material for analysis elsewhere.	15

SIM_Help

Activity Category	Conditional		Conditional	If Activity Type = Field Msr/Obs, Sample	Routine Sample	A sample gathered using straightforward 'grab' procedures for purposes of a general evaluation of the environment at the site.	30
					Field Replicate/Duplicate	A sample 'twinned' to another sample with respect to procedures, medium, and tools used. Used to confirm or assure sample results.	
					Composite-with Parents	A sample created by combining two or more 'parent' samples may only contribute to such a composite sample once. They are 'consumed' by the compositing process.	
					Routine Msr/Obs	MEASUREMENTS involve something measured in its environmental setting usually using some type of equipment. OBSERVATIONS are made by people, usually without the use of equipment, and are frequently qualitative.	
					Automated Measurement	Measurement made in the field by an automated data logging device, running unattended and producing a suite of data values at repeating intervals set by its owner/operator.	
					Routine Habitat Assessment	A field activity conducted to evaluate a habitat, according to an organization's pre-defined habitat assessment scheme.	
					Depletion Replicate	A sample which is part of a sampling method described as 'depletion sampling'. It is used to obtain an accurate estimate of the population of a species by observing successive samples which show decreasing numbers.	
					Replicate Msr/Obs	A measurement 'twinned' to another measurement with respect to a field protocol, procedure, etc. Used to confirm/assure measurement results.	
					Created from Sample	This is used when a sample is 'created' from another sample. For example, a liver is taken from a fish, or a 100 ml specimen can be drawn from a 500 ml sample.	
					Integrated Time Series	A discrete/integrated sample, usually derived from a continuous record, representing some portion or segment of elapsed time within the overall activity duration or sample period.	
					Integrated Flow Proportioned	A sample integrated over an interval or space within which changes in flow are used to alter the proportion of the sampled medium contributing to the integrated sample.	
					Integrated Horizontal Profile	A discrete/integrated sample, usually derived from a continuous record, representing some portion or segment of a horizontal track within the study area.	
					Integrated Vertical Profile	A discrete/integrated sample, usually derived from a continuous record, representing some portion or segment of a vertical track within the study area.	
					Integrated Cross-Sectional Profile		
					Composite w/o Parents	Describes a sample which is a composite of either several discrete sampling events not described elsewhere, or is a sample collected by a continuous process over some time period. No database record exists as its parent.	
					Replicate Habitat Assessment	An evaluation of a habitat, repeating an earlier evaluation, used to confirm or assure the previous results.	
					Field Spike	A 'spiked' sample, whose concentration(s) of one or more contaminants have been intentionally increased by a known amount, through the (secret) addition of material to the sample.	
					Portable Data Logger		
					Field Equipment Rinsate Blank		
					Field Blank		
					Field Subsample		
					Field Split		
					Field Calibration Check		
					Field Surrogate Spike		
					Field Ambient Conditions Blank		

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Trip QC Type	Conditional		Conditional	If Activity Type = Trip QC	Trip Blank	This sample is prepared by putting analyte-free/organic-free water in the container and then adding preservatives and/or reagen and the sample thus prepared accompanies other samples coll	40
					Trip Reagent Blank	This sample is prepared by putting analyte-free/organic-free water in the container and then adding preservatives and/or reagen Analysis of this sample, when compared with that of relate	
					Trip Equipment Blank	Equipment field blanks are defined as samples which are obtained by running organic-free water over/through sample collection equipment after it has been cleaned. These samples will be used	
					Trip Pre-Preserv Blk	This sample is prepared by putting analyte-free/organic-free water in the container without adding preservatives. Analysis ofthis sample, when compared with that of related QC samples, wil	
					Trip Post-Preserv Blk	This sample is prepared by putting analyte-free/organic-free water in the container and then adding preservatives. Analysis ofthis sample, when compared with that of related QC samples, wi	
					Trip Field Spike	Organic-free water is taken to the field in sealed containers and poured into the appropriate sample containers at pre-designated locations. This is done to determine if any contaminants pr	
					Trip Reference Sample		
					Trip Bottle Blank	Self Describing	
					Trip Perform Eval Sample	Self Describing	
					Ship Container Temp Blk	Self Describing	
					Trip Storage Blank	Self Describing	
					Trip Calibration Blank	Self Describing	
					Trip Control Blank	Self Describing	
Sample Matrix			Yes		Ambient Air		4
					Drilling Air		
					Air, Vapor Well Effluent		
					Air QC Matrix		
					Cinder-Ash		
					Fly Ash Cinder		
					Drill Cuttings		
					Dredged Material		
					Forest Litter		
					Gaseous Effluent		
					Headspace, Liquid Sample		
					Soil Gas		
					Aqueous Phase/Sample		
					Liquid Condensate		
					Drilling Fluid		
					Liquid Emulsion		
					Product on GW Table		
					Liq Waste<.5% Dry Solids		
					Multiphase Liquid Sample		
					Organic Liquid		
					Elutriate		
					Liquid-Vadose Zone		
					Haz. Multiphase Waste		
					Oil_1		
					Plant		
					Rock/Cobbles/Gravel		
					Stormwater		

Sample Matrix (con't)			Yes		Surface Soil		
					Bentonite		
					Cement		
					Drill Cuttings, Solid		
					Surface Water Sediment		
					Filter Sandpack		
					Sol Waste>.5% Dry Solids		
					Subsurface Soil		
					Sludge		
					Solid Filter Material		
					Misc. Solid Materials		
					Soil		
					Casing (various)		
					Soil/Solid QC Matrix		
					Water Filter Residue		
					Scrapings		
					Solid Waste		
					Swab or Wipe		
					Unknown		
					Water		
					Drill Cuttings, Aqueous		
					Drilling Water		
					Well Development Water		
					Estuary		
					Ground Water		
					Equipment Wash Water		
					Leachate		
					Disturbed Water		
					Ocean Water		
					Drinking Water		
					Water QC Matrix		
					Water Undifferentiated		
					Surface Water		
					Water-Vadose Zone		
					Waste Water		
					Special Water QC Matrix		
Chain of Custody ID							30
Replicate Number	Conditional		Conditional	If Activity Type was replicate		Used for duplicates	3
Parent Sample ID	Conditional			If sample had a parent	Must Exist in STORET	Separate with "\" for Composites with Parents	12
Activity Start Date	Yes	Yes	Yes		Specify format for SIM.		10
Activity Start Time			Yes		Specify format for SIM.		8
Activity Start Time Zone	Conditional		Yes		EST		3
					EDT		
					CDT		
					CST		
Activity End Date					Specify format for SIM.		10
Activity End Time					Specify format for SIM.		8
Activity End Time Zone	Conditional				EST		3
					EDT		
					CDT		
					CST		

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Field				Condition	Pick List	Notes	Length
Total Sample Weight							7
Total Sample Weight Units	Conditional			If Sample Weight was given	g		10
					lb		
					mg		
					oz		
Depth to Activity		Yes	Yes - Depth/Unit or Relative			DEP would prefer both the Depth/Unit and the Relative Depth	8
Depth to Activity Units	Conditional	Yes	Yes - Depth/Unit or Relative	If Depth to Activity was given	ft	DEP would prefer both the Depth/Unit and the Relative Depth	2
					m		
Relative Depth		Yes	Yes - Depth/Unit or Relative		Bottom	DEP would prefer both the Depth/Unit and the Relative Depth	8
					Midwater		
					Near Bottom		
					Subbottom		
					Surface		
Depth Measured From							30
Lower Depth							8
Upper Depth							8
Upper/Lower Depth Units	Conditional			If upper or lower depths are given	ft		2
					m		
Depth Zone Type					Yes		11
Thermocline					Above		5
					Below		
					In		
Halocline					Above		5
					Below		
					In		
Pycnocline					Above		5
					Below		
					In		
Personnel					Must Exist in STORET	This will need to be added through the peferences and defaults menu. Separate with "\"	256
Cooperating Organization					Must Exist in STORET	This will need to be added through the peferences and defaults menu. Separate with "\"	60
Activity Comments						DEP has asked for samples taken immediately after 2004 Hurricanes in effected areas to be indicated here with the comment "HURRICANE".	254
Activity Document/Graphic							256
Sample Collection Procedure ID	Conditional			If Sample was collected.	Must Exist in STORET	This will need to be added through the peferences and defaults menu	8
Gear ID	Conditional			If Sample Collection Procedure is used and Gear Group Name does not = <BLANK>	Extensive Pick list in STORET	DEP ask you to leave Gear Group name Blank in Sample Collection Procedure. This will need to be added through the peferences and defaults menu if you choose to use it.	30
Gear Configuration ID				Use only if Gear_ID is used	Must Exist in STORET	This will need to be added through the peferences and defaults menu	10
Gear Deployment Comments							1999

Field							
Sample Preservation, Transport & Storage ID					Must Exist in STORET		10
Sample Transport and Storage Comments							1999
Field Set Name	Conditional						30
Field Set ID	Conditional						10
Detection Condition					Detected and Quantified		40
					Detected not Quantified		
					Not Detected		
					Present above Quantification		
					Present below Quantification		
					Not Reported		
Characteristic Group ID	Conditional		Conditional	Dependent on loading methodology	Must Exist in STORET		8
Characteristic Row ID	Conditional		Conditional	Dependent on loading methodology	Must Exist in STORET		20
Characteristic Name	Conditional	Yes	Conditional	Dependent on loading methodology	Yes - See Storet1.TSRCHAR Table		60
Result Value	Conditional	Yes	Yes	Not reported values	Yes - Number, choice list, or allowed values (below)		254
					*Non-detect	Non-detect	
					*Not Reported	Not reported	
					*Present >QL	Present above quantification limit	
					*Present <QL	Present below quantification limit	
					*Present	Present but not quantified	
Result Value Units	Conditional	Yes	Conditional	Detected results. Choice list result may not need units	Yes - See Storet.TSRUOM Table		10
Result Status	Defaults to F				F	Final	1
					P	Preliminary	
Sample Fraction	Conditional			Required for some Characteristics	Total	The total of all fractions of the analyte.	15
					Dissolved	That portion of the analyte found in the liquid medium. Cannot be removed by filtration.	
					Suspended	That portion of the analyte which is suspended in the sampled medium, either as, or adsorbed to, particles which are more or less uniformly dispersed within the medium.	
					Settleable	That portion of the analyte which is found in or absorbed to that part of the sample which has settled (fallen out of suspension) to the bottom of the sample container.	
					Non-settleable	That portion of the analyte which is in or absorbed to particles remaining in suspension in the sample container after a settling process.	
					Filterable	That portion of the analyte which is extracted from the liquid medium by filtration.	
					Non-filterable	That portion of the analyte which is in or absorbed to material which passes through the filter during sample filtration.	
					Volatile	That portion of the analyte which evaporates readily at normal temperature and pressure.	
					Non-volatile	That portion of the analyte which is in a liquid or solid state under normal temperature and pressure.	
					Acid Soluble	That portion of the analyte which becomes dissolved within the sample following treatment with an appropriate acid.	
					Vapor	That portion of the analyte which exists in a gaseous state and that under ordinary conditions is liquid or solid.	
					Supernate	That portion of the analyte found in the liquid layer above a precipitate produced from the sample.	
					Fixed	That portion of the analyte found in the liquid layer above a precipitate produced from the sample.	
					Total Recovrble		
					Comb Available	Combined Available	
					Total Residual	Total Residual	
					Free Available	Free Available	
					Pot. Dissolved	Potentially Dissolved	

Statistic Type					Maximum		18
					Mean		
					Median		
					Minimum		
					Mode		
					MPN		
					Standard Deviation		
					5 pctl	5th percentile	
					10 pctl	10th percentile	
					15 pctl	15th percentile	
					20 pctl	20th percentile	
					25 pctl	25th percentile	
					75 pctl	75th percentile	
					80 pctl	80th percentile	
					85 pctl	85th percentile	
					90 pctl	90th percentile	
					95 pctl	95th percentile	
Value Type	Defaults to Actual				Actual		11
					Calculated		
					Estimated		
Precision							12
Confidence Level					67		8
					75		
					80		
					85		
					90		
					95		
					97.5		
					99		
					99.9		
Bias							12
CL Corrected for Bias					Y		1
					N		
Duration Basis					See list in STORET		8
Temperature Basis					See list in STORET		8
Weight basis					Ash-free Dry		12
					Dry		
					Wet		
Particle Size Basis							40
Result Comment							4000
Result Document/Graphic							256
Laboratory ID		Yes			Refer to list of NELAC Certified Labs	This is a DOH#. For example E50002. See Labs_All_Info.xls.	8
Field/Lab Procedure	Conditional	Yes		Required for some Characteristic	Must Exist in STORET	For field paramaters see the Methods help list, DEP_Field_Methods.xls.	15
Field/Lab Procedure Source	Conditional	Yes		Required if Procedure is given			12
					AOAC		
					APHA		
					ASTM		
					ENV/CANADA		
					FISON		
					HACH		
					IL/SWSD		
					ISO		
					NCASI		
					NIOSH		
					USDOC/NOAA		
					USDOE/ASD		
					USDOE/EML		
					USDOI/USGS		
					USEPA		
					USFDA		
					Organization_ID	If the Method was added (not Adopt Nat'l).	

Laboratory Certified			Yes			1
Laboratory Batch ID			Yes		Links QC data to Field/Lab results	10
Lab Remark Codes	Conditional			If you want your Value qualifiers to be viewed by EPA or anyone retrieving data from EPA, it is suggested that you translate your Value Qualifiers to a Lab Remark Code and/or include your qualifier in the Result Comment field. An extensive list of how you should translate and report your Value Qualifiers to EPA STORET can be found in the STORET Documents.	AL — Aldol condensation present. Analyte may not be present. Separate with "\"	6
					CNT — Non-acceptable colony counts.	
					EHT — Sample or extract held beyond acceptable holding time.	
					FBK — Analyte found in blank. Sample contamination indicated.	
					FDB — Failed. Dry blank not acceptable.	
					FDC — Failed. Drift check not acceptable.	
					FIS — Failed. Internal standard not acceptable.	
					FLD — Failed. Lab duplicate not acceptable.	
					FFD — Failed. Field duplicate not acceptable.	
					FFB — Failed. Field blank not acceptable.	
					FFS — Failed. Field spike not acceptable.	
					FFT — Failed. Trip blank not acceptable.	
					FLC — Failed. Linearity check did not meet quality criterion.	
					FLS — Failed. Lab spike recovery not acceptable.	
					FMS — Failed. Matrix spike recovery not acceptable.	
					FPC — Failed. Lab performance check not acceptable.	
					FQC — Failed. Quality control criteria exceeded during analysis.	
					FRS — Failed. Internal reference sample not acceptable.	
					FSP — Failed. Surrogate spike recovery not acceptable.	
					FFB — Failed. Spiked field blank recovery not acceptable.	
					FSL — Failed. Spiked lab blank recovery not acceptable.	
					INT — Interference suspected. Analyte may not be present.	
					ISP — Improper sample preservation noted. Analysis performed.	
					LIS — Lab internal standard(s) added to sample.	
					LLS — Value less than lower quality control standard.	
					PRE — Presumptive evidence that analyte is present.	
					NJ — TIC, Tentatively Identified Compound, result is approximate	
					N — TIC, Tentatively Identified Compound, presumptive id only	
Analysis Date			Yes		Specify format for SIM.	10
Analysis Time			Yes		Specify format for SIM.	8
Analysis Time Zone	Conditional		Yes	Required if Analysis Time is given	EDT	3
					EST	
					CDT	
					CST	
Lab Sample Prep Procedure			Conditional	Required for some Characteristics	Must Exist in STORET	15
Lab Sample Prep Procedure Source	Conditional		Conditional	Required if Procedure is given	APHA	12
					ASTM	
					DEMOTEST	
					USDOE/ASD	
					USEPA	
Quantification Low			Yes			8
Quantification High			Conditional	If result text = Present >QL		8
Detection Limit			Yes			8
Detection Limit Unit	Conditional		Yes		See Storet.TSRUOM Table	8
Detection Limit Comment						254
PDL Line Number						8
PDL Line Name						25
Value Qualifier			Conditional	As needed	See Value Qualifier List	This field is for FDEP use, EPA will not receive or acknowledge this field. ***If preservation NOT intact, use "Y" qualifier*	7
Prep Date			Conditional	Required for some Characteristics	Specify format for SIM.	This field is for FDEP use, EPA will not receive or acknowledge this field.	10
Prep Time			Conditional	Required for some Characteristics	Specify format for SIM.	This field is for FDEP use, EPA will not receive or acknowledge this field.	10

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