Data_dictionary_v20100809.xls: Field Descriptions

FIELD	DESCRIPTION
QCBATCH	Laboratory analysis Group ID
EXSAMPID	Investigator's sample identifier
SAMPDATE	Date sample collected as YYYYMMDD
SAMPTIME	Time sample collected as HH:MM
SITEID	Site identifier
STUDYID	Study identifier
STATIONID	Station identifier
SAMPLEID	Sample identifier
LABREP	Lab replicate number
UDEPTH	Upper depth of the water sample in meters
LDEPTH	Lower depth of the water sample in meters
CHEMNAME	Full chemical name of compound for which analysis was conducted.
CONC	Measured concentration
QUALCODE	Assigned qualifier for concentration
UNITS	Units of concentration for parameter
DVLEVEL	Stores the Data Validation level conducted on the sample
DL	Analytical method detection limit.
RL	Reporting limit--Level at which target analytes are reported, (practical quantitation limit)
MEASBASIS	Total or dissolved fraction measurement basis
METHOD	Analytical method
LABNAME	Name of the laboratory that conducted the analysis
LATITUDE	Latitude in decimal degrees, NAD83
LONGITUDE	Longitude in decimal degrees, NAD83
GRID	Identified grid location where sampling was conducted
CHEMCODE	Code for parameter name

Data_dictionary_v20100809.xls: Data Qualifiers

Qualcode	Lab Name	Description
F	Alpha Analytical	Found. Analyte detected at less than the MDL, however, peak height is greater than 3 times the noise level and ID criteria are met.
FJ	Alpha Analytical	Found. Analyte detected at less than the MDL, however, peak height is greater than 3 times the noise level and ID criteria are met. J indicates an associated QC result was not met so sample results may be biased.
J	Alpha Analytical	Result is less than the quantitation limit; or, if greater than the quantitation limit the reported concentration is an estimate with potentially more bias, or less precision than an unqualified concentration, as judged by associated calibration and/or reference material results.
U	Alpha Analytical	The analyte was analyzed for, but was not detected above the reported detection limit; or, analyte concentration is not significantly greater than the associated blank result. The result is judged to be the detection limit.
UJ	Alpha Analytical	Not detected. Detection limit is an estimate with potentially more bias or less precision than an unqualified detection limit as judged by the associated quality control results
R	Alpha Analytical	Unreliable result. Data should not be used.
N	Alpha Analytical	The analysis indicates the present of an analyte for which there is presumptive evidence to make a “tentative identification”.
NJ	Alpha Analytical	The analysis indicates the presence of an analyte that has been “tentatively identified” and the associated numerical value represents its approximate concentration.
DNR	Alpha Analytical	Do not report; A more appropriate result is reported from another analysis or dilution.

Data_dictionary_v20100809.xls: DVLevel

Validation Stage	Stage Definition
UNVAL	Not Validated
S1	Completeness check and check of sample conditions
S2A	Compliance Screening of samples & QC Samples
S2B	Summary Validation of samples, QC samples & Instrument QC
S3	Full review without analyte identification check
S4	Full review with analyte identification check
Validation Type	Validation Type Definition
VM	Manual review
VE	Electronic review
VEM	Electronic and manual review
DVLevel	Definition
NV	Not Validated (validation not expected)
UNVAL	Not Validated (validation not completed)
S1VE	Completeness check and check of sample conditions, Electronic review
S1VEM	Completeness check and check of sample conditions, Electronic and manual review
S1VM	Completeness check and check of sample conditions, Manual review
S2AVE	Compliance Screening of samples & QC Samples, Electronic review
S2AVEM	Compliance Screening of samples & QC Samples, Electronic and manual review
S2AVM	Compliance Screening of samples & QC Samples, Manual review
S2BVE	Summary Validation of samples, QC samples & Instrument QC , Electronic review
S2BVEM	Summary Validation of samples of samples, QC samples & Instrument QC , Electronic and manual review
S2BVM	Summary Validation of samples of samples, QC samples & Instrument QC , Manual review
S3VE	Full review without analyte identification check , Electronic review
S3VEM	Full review without analyte identification check , Electronic and manual review
S3VM	Full review without analyte identification check , Manual review
S4VE	Full review with analyte identification check , Electronic review
S4VEM	Full review with analyte identification check , Electronic and manual review
S4VM	Full review with analyte identification check , Manual review