

Minimum Required Data Elements Differences between AWQMS and WebSim

AWQMS		WebSim	
Field Name	Description	Column Name	Required?
Project ID	A unique ID for the Project to which data will be assigned	Project ID	Required
Name	A unique Name for the Project	Project Name	Required
Project Description Text	May include project purpose and/or summary and duration	*Project Start Date	Required
QAPP Approved	Quality Assurance Project Plan (QAPP) Approved (Y/N)	*Project Duration	Required
QAPP Approval Agency	Quality Assurance Project Plan (QAPP) Approval Agency Name	*Project Purpose	Required
		*Project Contact	Required
		*include under project description	
Field Name	Description	Column Name	Required?
Monitoring Location ID	A designator used to describe the unique name, number, or code assigned to identify the monitoring location.	Station ID	Required
Monitoring Location Name	The designator specified by the sampling organization for the site at which sampling or other activities are conducted.	Station Name	Required
Type	The descriptive name for a type of monitoring location	Primary Type	Required
Latitude	The measure of the angular distance on a meridian north or south of the equator.	Secondary Type	Required
Longitude	The measure of the angular distance on a meridian east or west of the prime meridian.	Latitude	Required
Horizontal Collection Method	The code that represents the method used to determine the latitude and longitude coordinates for a point on the earth.	Longitude	Required
Horizontal Reference Datum	The code that represents the reference datum used in determining latitude and longitude coordinates.	Geopositioning Method	Required
		Geopositioning Datum	Required
		State	Required
		County	Required
		HUC	Required
Field Name	Description	Column Name	Required?
Project ID	Valid WQX Project ID; multiple Projects must be added through additional project columns per each result.	Project ID	Required
Monitoring Location ID	Valid WQX Monitoring Location ID	Trip ID	Required
Activity ID	A designator used to uniquely identify a data collection activity within a context of an organization	Trip Start Date	Required
Media	Name or code indicating the environmental medium where the sample was taken.	Station ID	Required
Activity Type	The code that represents the type of activity	Station Visit Number	Required
Activity Start Date	The calendar date on which the field activity was started.	Activity ID	Required
Characteristic Name	The object, property, or substance which is evaluated or enumerated by either a direct field measurement, a direct field observation, or by laboratory analysis of material collected in the field.	Activity Type	Required
Result Measure	The reportable measure of the result for the chemical, microbiological or other characteristic being analyzed.	Activity Category	Required
Result Measure Units	The code that represents the unit for measuring the chemical substance, microbiological substance or other characteristic.	Medium	Required
		Activity Start Time	Required
		Activity Start Time Zone	Required
		Personnel	Required
		Characteristic	Conditional
		Result Value	Required
		Result Value Units	Required
		Value Type	Required
		Sample Collection Procedure ID	Required
		Detection Limit	Required
		Detection Limit Units	Required
		ADD Detection Limit Type for AWQMS	
		Sample Fraction	Conditional
Highlighted cells are not required in AWQMS but are suggested minimum data elements of CWQMC			