

RESULTS File Structure and Descriptions

Field Name	Field Type / Length	Description
Tag_id	Text / 9	Unique code connecting the water quality sample results to a Tag ID in the Events file. The same code is assigned to all results that came from the same water quality sample, or event. Therefore, there will be many results with the same Tag ID, which all match a single record in the Events file.
Enddate	Date / 10	The date the sample was collected. Reported as MM/DD/YYYY. This date needs to match the Enddate in the Events file for the specified Tag ID. Leading zeros are required for month and day.
Parameter Code	Text / 5	The parameter code that identifies the constituent (substance) being measured, the matrix (water, sediment, etc.), and the units of measure (mg/L). Leading zeros are required where applicable (e.g., 00400=pH, 00300=Dissolved Oxygen).
Greater Than/Less Than	Text / 1	If the value measured is below quantification limits, then a "<" is used. If the value measured is above quantification limits, then a ">" is used. Otherwise, leave blank.
Value	Number / 8	This is the value, or test result, of the substance being measured and is reported in the units defined in the parameter code description.
LOD	Number / 8	This is the Limit of Detection specific to the method and laboratory for this parameter.
LOQ	Number / 8	This is the Limit of Quantitation specific to the method and laboratory for this parameter.
Qualifier Code	Text / 2	A code used to identify the reason a result may be considered not meeting TCEQ quality control requirements and may not be used to assess water quality conditions. See Chapter 9 of the Data Management Reference Guide for a list of codes and their definitions.
Verify Flag	Number / 1	If a Value is outside the minimum/maximum range defined by the TCEQ, a "1" will denote that the value has been verified to be correct.

For definitions of codes, please see the Data Management Reference Guide at http://www.tceq.state.tx.us/compliance/monitoring/water/quality/data/wdma/dmrg_index.html