The 2021 Ambient Monitoring Archive for HAPs File Field Descriptions

Data Field	Data Description
STATE_ABBR	Two-letter abbreviation for the state with the monitoring site
AMA_SITE_CODE*	AMA site code
AQS_POC*	Parameter Occurrence Code
PROGRAM	Identifies monitoring program, if available
YEAR	Year of sampling date
QUARTER	Calendar quarter of the sampling date
SAMPLE_DATE*	Date sample was taken
SAMPLE_START_TIME*	Time at which sample began
AQS_PARAMETER_CODE*	AQS pollutant code
AQS_PARAMETER_NAME	AQS pollutant name
DATA_SOURCE	Identifies the source of the data record
DURATION_DESC	Translated AQS sample duration description
SAMPLE_VALUE_REPORTED	Reported sample value from the data source
AQS_UNIT_CODE	Unit of measure code for the native sample value
UNIT_DESC	Translated AQS unit of measure description
SAMPLING_FREQUENCY_CODE	Samling Frequency code (1=Daily; 2=Every Other Day; 3=Every 3 Days; 4=Every 4 Days; 5=Every 5 Days; 6=Every 6 Days; 7=Every 12 Days; 8=Stratified Random; 9=Random; 10=Every 24 Days; 11=Every 30 Days; 12=Every 7 Days; 14=Every 14 Days; 18=Every 18 Days; 90=Every 90 Days; A, B, or E=PAMS Daily; H, I, J, or L=PAMS 3 Days; O=Every 10 Days; P=PAMS 6 Days; Q=Every 8 Days; R=Every 13 Days; S=Seasonal; Y=Twice Per Week; Z=Every 9 Days)
COMMENT	Reserved for comments
SAMPLE_VALUE_STD	Concentration value standardized to $\mu g/m^3$, STD
SAMPLE_VALUE_STD_FINAL_UG_M3	Concentration value standardized to $\mu g/m^3$, LC
SAMPLE_VALUE_STD_FINAL_TYPE	Final Concentration type for analysis (L = Local Conditions, S = Standard Conditions)
AQS_PARAMETER_CODE_FINAL	Final AQS pollutant code for analysis
AQS_PARAMETER_NAME_FINAL	Final AQS pollutant name for analysis
ALTERNATE_MDL	Reported MDL in native units
MDL_STD_UG_M3	MDL standardized to $\mu g/m^3$
MDL_TYPE	Identifies the source of the standardized MDL
AQS_NULL_DATA_CODE	Data Qualifier code for null sample values
AQS_QUALIFIER_01	Data Qualifier code field 1
AQS_QUALIFIER_02	Data Qualifier code field 2
AQS_QUALIFIER_03	Data Qualifier code field 3
AQS_QUALIFIER_04	Data Qualifier code field 4
AQS_QUALIFIER_05	Data Qualifier code field 5
AQS_QUALIFIER_06	Data Qualifier code field 6
AQS_QUALIFIER_07	Data Qualifier code field 7
AQS_QUALIFIER_08	Data Qualifier code field 8
AQS_QUALIFIER_09	Data Qualifier code field 9
AQS_QUALIFIER_10	Data Qualifier code field 10
AQS_METHOD_CODE	Sampling and analysis method code
SAMPLE_COLLECTION_DESC	Translated AQS sampling collection description
SAMPLE_ANALYSIS_DESC	Translated AQS analysis method description
SAMPLE_VALUE_FLAG	Identifies if the concentration record is non-detect
BELOW_MDL_FLAG	Identifies if the non-zero sample value is less than the MDL
CENSUS_TRACT_ID_2010	2010 U.S. Census tract identifier in which the monitoring site is located
CENSUS_TRACT_ID_2020	2020 U.S. Census tract identifier in which the monitoring site is located
MONITOR_LATITUDE	Y-Coordinate Value in decimal degrees
MONITOR_LONGITUDE	X-Coordinate Value in decimal degrees
PRIORITY_TRENDS	Ranking of monitor datasets for each AMA_SITE_CODE, AQS_PARAMETER_CODE, and SAMPLE_YEAR combination

* = primary key field