SITE_INFO

Field Name	Field Description
AgencyCd	Code for the name of the agency or organization that owns the site and/or contributed it to the network
SiteNo	Local, unique well or spring identification number or code
AgencyNm	Full name of the agency or organization that collects, owns and/or manages the data
SiteName	Local name of well or spring
DecLatVa	Latitude, in decimal degrees
DecLongVa	Longitude, in decimal degrees (negative for Western Hemisphere)
HorzDatum	Horizontal reference datum code for the latitude and longitude of a well
HorzMethod	Method of measuring latitude and longitude
HorzAcy	Accuracy associated with latitude and longitude measurements
AltVa	Elevation of the land surface at the site
AltUnits	Code for unit of measure associated with the AltVa field
AltUnitsNm	Name of unit of measure associated with the AltVa field
AltDatumCd	Vertical reference datum code for the altitude of a well
AltMethod	Method of measuring altitude
AltAcy	Accuracy associated with altitude measurement
WellDepth	Depth of the well from a specified point of reference
WellDepthUnits	Code for unit of measure associated with the WellDepth field
WellDepthUnitsNm	Name for unit of measure associated with the WellDepth field
NatAquiferCd	Code for U.S. Principal Aquifer
NatAqfrDesc	Name of U.S. Principal Aquifer
LocalAquiferCd	Code for local aquifer
LocalAquiferName	Name of local aquifer
CountryCd	Abbreviation for country
CountryNm	Name of country
StateCd	FIPS code for state
StateNm	Name of state
CountyCd	FIPS code for county
CountyNm	Name of county
WlSysName	Name of the system from which water-level data associated the well or spring is served to the portal
WlSnFlag	Flag for whether the well or spring is part of the water-level network (1,'Yes'; '0','No')
WlSnDesc	Description of the flag for whether the well or spring is part of the water-level network
WlBaselineFlag	Flag for whether the well or spring has completed its 5-year baseline period, necessary to classify it as being in one of the three WL subnetworks (1,'Yes'; '0','No')
WlBaselineDesc	Description of whether the well or spring has completed its 5-year baseline period, necessary to classify it as being in one of the three WL subnetworks
WlWellChars	Code for WL subnetwork that the well or spring is part of ('1','Background';'2',' Suspected / Anticipated Changes';'3','Demonstrated Changes')
WlWellCharsDesc	Description of the WL subnetwork that the well or spring is part of

WlWellType	Code for the assigned WL monitoring category for the well or spring (‘1’,’Surveillance’;’2’,’Trend’;’3’,’Special’)
WlWellTypeDesc	Description of the assigned WL monitoring category for the well or spring
WlWellPurpose	Code for the purpose of conducting WL monitoring of the well or spring (‘1’,’ Dedicated Monitoring/Observation’;’2’,’Other’)
WlWellPurposeDesc	Description of the purpose of conducting WL monitoring of the well or spring
WlWellPurposeNotes	Additional notes about the purpose for conducting WL monitoring of the well or spring
QwSysName	Name of the system from which water-quality data associated the well or spring is served to the portal
QwSnFlag	Flag for whether the well or spring is part of the water-quality network (1,‘Yes’; ‘0’,’No’)
QwSnDesc	Description of the flag for whether the well or spring is part of the water-quality network
QwBaselineFlag	Flag for whether the well or spring has completed its 5-year baseline period, necessary to classify it as being in one of the three QW subnetworks (1,‘Yes’; ‘0’,’No’)
QwBaselineDesc	Description of whether the well or spring has completed its 5-year baseline period, necessary to classify it as being in one of the three QW subnetworks
QwWellChars	Code for QW subnetwork that the well or spring is part of (‘1’,’Background’;’2’,’ Suspected / Anticipated Changes’;’3’,’Demonstrated Changes’)
QwWellCharsDesc	Description of the QW subnetwork that the well or spring is part of
QwWellType	Code for the assigned QW monitoring category for the well or spring (‘1’,’Surveillance’;’2’,’Trend’;’3’,’Special’)
QwWellTypeDesc	Description of the assigned QW monitoring category for the well or spring
QwWellPurpose	Code for the purpose of conducting QW monitoring of the well or spring (‘1’,’ Dedicated Monitoring/Observation’;’2’,’Other’)
QwWellPurposeDesc	Description of the purpose of conducting QW monitoring of the well or spring
QwWellPurposeNotes	Additional notes about the purpose for conducting QW monitoring of the well or spring
SiteType	Type of groundwater site (Well or Spring)
AquiferType	Characteristic of the type of aquifer that the well is completed in (Confined or Unconfined). For the NGWMN, shallow semi-confined wells can be considered to be unconfined if they respond to climatic fluctuations in a relatively short period of time
LithDataProvider	Code for the name of the agency or organization that provides, collects, owns and/or manages the lithology dataset
ConstDataProvider	Code for the name of the agency or organization that provides, collects, owns and/or manages the construction dataset
Link	Link for additional information about the site from the Data Provider

CASING

Field Name	Field Description
AgencyCd	Code for the name of the agency or organization that owns the site and/or contributed it to the network
SiteNo	Local, unique well or spring identification number or code
CasingDepthFrom	Beginning depth of cased interval
CasingDepthFromUnit	Code for unit of measure associated with the CasingDepthFrom field
CasingDepthTo	Ending depth of cased interval
CasingDepthToUnit	Code for unit of measure associated with the CasingDepthTo field
CasingMaterial	Screen type or material
CasingDiameter	Internal diameter of casing
CasingDiameterUnit	Code for unit of measure associated with the CasingDiameter field

SCREEN

Field Name	Field Description
AgencyCd	Code for the name of the agency or organization that owns the site and/or contributed it to the network
SiteNo	Local, unique well or spring identification number or code
ScreenDepthFrom	Beginning depth of screened interval
ScreenDepthFromUnit	Code for unit of measure associated with the ScreenDepthTo field
ScreenDepthTo	Ending depth of screened interval
ScreenDepthToUnit	Code for unit of measure associated with the ScreenDepthFrom field
holeSize	With of the openings in the screen
holeSizeUnit	Code for unit of measure associated with the holeSize field
ScreenMaterial	Screen type or material
ScreenDiameter	Internal diameter of the screen
ScreenDiameterUnit	Code for unit of measure associated with the ScreenDiameter field

LITHOLOGY

Field Name	Field Description
AgencyCd	Code for the name of the agency or organization that owns the site and/or contributed it to the network
SiteNo	Local, unique well or spring identification number or code
LithologyID	Code describing the gross physical characteristics used to classify the observed unit; includes standard rock term abbreviations, for example, SGVC for sand, gravel, and clay
LithologyDescription	Short description of the observed unit; includes physical characteristics like color, texture, grain size, rock type, or composition
ObservationMethod	Method for classifying lithology of the observed unit
LithologyDepthFrom	Beginning depth of the observed unit
LithologyDepthTo	Ending depth of the observed unit

WATERLEVEL

Field Name	Field Description
AgencyCd	Code for the name of the agency or organization that owns the site and/or contributed it to the network
SiteNo	Local, unique well or spring identification number or code
Time	Date and time of the water-level measurement
Original Parameter	Original or native parameter code for the water-level measurement
Original Direction	Direction with respect to land surface of original or native positive water-level measurements
Original Unit	Original or native unit of measure associated with the 'Original Value' field
Original Value	Original or native value of water-level
Depth to Water Below Land Surface in ft.	Mediated water-level value represented as depth to water below land surface in feet
Observation Method	The observation method associated with the original or native water-level measurement
Data Provided by	Code for the name of the agency or organization that provides, collects, owns and/or manages the water level measurement record
AccuracyValue	Accuracy associated with water-level measurement
AccuracyUnit	Unit of measure associated with 'AccuracyValue' field

QUALITY

Field Name	Field Description
AgencyCd	Code for the name of the agency or organization that owns the site and/or contributed it to the network
SiteNo	Local, unique well or spring identification number or code
Date	Date of the water quality sample collection
Time	Time of day of the water quality sample collection
TimeZone	The time zone for which the time of day is reported
CharacteristicName	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
Value	The reportable measure of the result for the chemical, microbiological or other characteristic being analyzed
Unit	The code that represents the unit for measuring the value
Result Status	Indicates the acceptability of the result with respect to QA/QC criteria
Value Type	A name that qualifies the process, which was used in the determination of the result value (e.g., actual, estimated, calculated)

USGS PCode	5-digit number used in the US Geological Survey computerized data system, National Water Information System (NWIS), to uniquely identify a specific constituent
Sample Fraction	The text name of the portion of the sample associated with results obtained from a physically-partitioned sample
Result Comment	Free text with general comments concerning the result.
Temperature Basis	The name that represents the controlled temperature at which the sample was maintained during analysis, e.g. 25 deg BOD analysis
Detection Condition	The textual descriptor of a result
Method Identifier	The identification number or code assigned by the method publisher
Method Context	Identifies the source or data system that created or defined the identifier
Method Name	The title that appears on the method from the method publisher
Method Description	A brief summary that provides general information about the method
Quantitation Limit Type	Text describing the type of detection or quantitation level used in the analysis of a characteristic
Quantitation Limit Value	Constituent concentration that, when processed through the complete method, produces a signal that is statistically different from a blank
Quantitation Limit Unit	The code that represents the unit for measuring the item
Data Provided by	Code for the name of the agency or organization that provides, collects, owns and/or manages the sample record
Detection Limit	Constituent concentration that, when processed through the complete method, produces a signal that is statistically different from a blank.
Detection Limit Unit	The code that represents the unit for measuring the detection limit.