

## 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   |
| WISysName        | Name of the system from which water-level data associated the well or spring is served to the portal   |
| WISnFlag         | Flag for whether the well or spring is part of the water-level network (1,'Yes'; '0','No')   |
| WISnDesc         | Description of the flag for whether the well or spring is part of the water-level network  |
| WIBaselineFlag   | 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') |
| WIBaselineDesc   | 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               |
| WIWellChars      | Code for WL subnetwork that the well or spring is part of ('1','Background';'2','Suspected / Anticipated Changes';'3','Demonstrated Changes')                          |
| WIWellCharsDesc  | Description of the WL subnetwork that the well or spring is part of  |

|                    |   |
|--------------------|---|
| WIWellType         | Code for the assigned WL monitoring category for the well or spring ('1','Surveillance';'2','Trend';'3','Special')  |
| WIWellTypeDesc     | Description of the assigned WL monitoring category for the well or spring   |
| WIWellPurpose      | Code for the purpose of conducting WL monitoring of the well or spring ('1','Dedicated Monitoring/Observation';'2','Other')   |
| WIWellPurposeDesc  | Description of the purpose of conducting WL monitoring of the well or spring  |
| WIWellPurposeNotes | 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 for the type of lithology or geology of the unit   |
| LithologyDescription | Description of the type of lithology or geology of the unit   |
| ObservationMethod    | Method for classifying lithology or geology of the unit   |
| LithologyDepthFrom   | Beginning depth of the lithologic unit  |
| LithologyDepthTo     | Ending depth of the lithologic 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.  |