Glossary of Terms in Online Mapping Tool Layers

Table 1: Glossary of Terms in Water Usage by Source Layer

Term	Definition	Units
OBJECTID	ArcOnline identifier	-
WR_ID	Unique computer assigned identification number for a water right.	-
WRF_ACTIVE	Indicator if the use made of water is active under the water right.	-
RIGHT_TYPE	Identifies the type of water right (see Table 1a)	-
VCNTY_CODE	County abbreviation the vested right is located in.	-
WR_NUM	A sequential priority number assigned to each right as water right applications are received by KDA-DWR.	-
WR_QUAL	Water right qualifier. Used if a water right has been divided for administrative purposes.	-
UMW_CODE	Use made of water code for the water right. An individual water right may have mutiple uses of water (see Table 1b).	-
WRF_STATUS	Status of the water right (see Table 1c).	-
SOURCE	Water Source from which the water right is diverting from (Surface or Groundwater).	-
S_UMW	Combined source and use (see Table 1b for use).	-
PRIORITY	Priority date of the water right. The assigned date represents the date the water application was received by DWR. The older the date, the older and more senior the right.	-
PDIV_ID	Unique computer assigned identification number for a point of diversion (PD).	-
FPV_ACTIVE	Indicator if the PD is active under the current water right and use made of water.	-
TWP	Public Land Survey System township number.	-
TWP_DIR	Public Land Survey System township direction.	-
RNG	Public Land Survey System range number.	-
RNG_DIR	Public Land Survey System range direction.	-
SECT	Public Land Survey System section number.	-
DWR_ID	A unique number in each PLSS section assigned to individual PDs by DWR.	-
FEET_NORTH	Feet distance north from the SE corner of the section the PD located in.	-
FEET_WEST	Feet distance west from the SE corner of the section the PD located in.	-
QUAL_FOUR	The fourth and smallest subsection qualifier of a section the PD is located in.	-
QUAL_THREE	The third subsection qualifier of a section the PD is located in.	-
QUAL_TWO	The second subsection qualifier of a section the PD is located in.	-
QUAL_ONE	The first subsection qualifier of a section the PD is located in.	-
FO_NUM	DWR field office number the PD is located in (Table 1d).	-
BASIN_NUM	DWR assigned basin number the PD is located in (name provided in BASIN_NAME field).	-

BASIN_NAME	DWR assigned basin name the PD is located in.	-
GWMD_NUM	Number of the Groundwater Management District the PD is located in.	-
CNTY_ABREV	County abbreviation the PD is located in.	-
SUA_CODE	Special Use Area the PD is located in.	-
STREAM_NUM	DWR assigned stream number for surface PDs	-
NUM_WELLS	Number of wells in a battery.	-
LOT_NUMBER	Lot number the PD is located in.	-
LOT_QUAL1	First Lot qualifier the PD is located in.	-
LOT_QUAL2	Second Lot qualifier the PD is located in.	-
FPDIV_COMM	Comments regarding PD.	-
FPDIV_KEY	Primary key for a water right, use made of water, and point of diversion	-
WRF_KEY	Primary key for a water right and use made of water	-
LONGITUDE	The calculated longitude of the site based on the PLSS legal description and the KGS LEO conversion program	Decimal Degrees
LATITUDE	The calculated latitude of the site based on the PLSS legal description and the KGS LEO conversion program	Decimal Degrees
QUANT_ID	Unique computer assigned identification number for a quantity value.	-
AUTH_QUANT	Total annual authorized quantity.	-
ADD_QUANT	Total annual additional quantity. Additional quantity takes into account overlaps in PD or place of irrigation use or other limitations imposed on the quantity value.	See QUANT_UNIT
QUANT_UNIT	Units for the quantity values listed.	-
QSTOR_IND	Identifies how the quantity values are assigned: 1) Water right; 2) PD; 3) Water right file.	-
RATE_ID	Unique computer assigned identification number for a rate value.	-
AUTH_RATE	Total authorized rate.	-
ADD_RATE	Additional rate takes into account overlaps in PD or place of irrigation use or other limitations imposed on the rate value.	See RATE_UNIT
RATE_UNIT	Units for the quantity values listed.	-
RSTOR_IND	Identifies how the rate values are assigned: 1) Water right; 2) PD; 3) Water right file.	-
TACRES_IRR	Total acres authorized for irrigation.	Acres
NACRES_IRR	Total new acres authorized for irrigation. Net acres identifies the number of acres unique to the system and are not covered by a senior water right.	Acres
LAST_NAME	Last name of the current Water Use Correspondant.	-
FIRST_NAME	First name of the current Water Use Correspondant.	-
WRIS_DATE	The date the KDA-DWR Water Rights Information System was accessed to create this data.	-
FILE_ID	A concatonation of the vested county code, water right number, and water right qualifier.	-

Table 1a - Water Right Codes

Code	Description
A	Appropriation
B	Basin Term
D	Domestic
P	Temporary
T	Term
V	Vested

Table 1b - Water Use Codes

Code	Description
ART	Artificial Recharge
CON	Contamination Remediation
DOM	Domestic (private)
HYD	Hydraulic Dredging
IND	Industrial
IRR	Irrigation
MUN	Municipal
REC	Recreation
STK	Stockwatering
WTR	Water Power

Table 1c - Water Right Status Codes

Code	Description
AA	Vested
AY-GM	Pending Approval
GY-MR	Permitted
NK-NT	Certified

Table 1d - DWR Field Office Codes

Code	Description
1	Topeka
2	Stafford
3	Stockton
4	Garden City
11	Chanute

Table 2: Glossary of Terms in Nitrate Groundwater Samples Layer

Term	Definition	Units
OBJECTID	ArcOnline identifier	-
County	County abbreviation the vested right is located in.	-
USGS ID	US Geological Survey's site number	-
Legal ID	Public Land Survey System legal description of well location	-
Latitude	The calculated longitude of the site based on the PLSS legal description and the KGS LEO conversion program	Decimal Degrees
Longitude	The calculated latitude of the site based on the PLSS legal description and the KGS LEO conversion program	Decimal Degrees
Date	Date when the water sample was taken	
Aquifer	Name/description of the aquifer in which the water was taken from	
Depth well (ft)	Depth of the well	ft
NO3	Concentration of Nitrate	mg/L
mg-N	Concentration of Nitrate expressed as Nitrogen	mg/L

Table 3: Glossary of Terms in Bedrock Wells and Test Holes Layer

Term	Definition	Units
OBJECTID	ArcOnline identifier	-
ID	Well identification number	-
Legal	Public Land Survey System legal description of well location	-
Longitude	The calculated longitude of the site based on the PLSS legal description and the KGS LEO conversion program	Decimal Degrees
Latitude	The calculated latitude of the site based on the PLSS legal description and the KGS LEO conversion program	Decimal Degrees
Topo	Elevation of the land surface	ft
D_to_B	Depth to bedrock	ft
D_to_w	Depth to water	ft
DBR_DW	Thickness of saturated zone above the bedrock	ft
Sand_thick	Thickness of sand layer	ft
glacial_th	Thickness of glacial sediments	ft
Sat_thick	Saturated thickness	ft
soil_thick	Thickness of soils	ft
Date_	Date of well/test hole completion	-
Year_	Date of well/test hole completion	-
Year_WL	Year of water level measurement	-
Topo_Surfa	Elevation of the land surface based on 10m DEM	ft
Abs_Depth_	Elevation of the bedrock	ft
Uncons_Thi	Thickness of the consolidated layer above the bedrock	ft

Table 4: Glossary of Terms in Wells with Lithologic Driller Logs Layer

Term	Definition	Units
OBJECTID	ArcOnline identifier	-
WELL_ID	A unique computer generated number to serve as a counter	-
County	The name of the county in which the well can be found	-
Longitude	The calculated longitude of the site based on the PLSS legal description and the KGS LEO conversion program	Decimal Degrees
Latitude	The calculated latitude of the site based on the PLSS legal description and the KGS LEO conversion program	Decimal Degrees
Total_Sand	Thickness of the sand layer above bedrock	ft
Bed_Depth	Depth of the bedrock below ground surface	ft
Compl_Depth	Depth the well is completed	ft
Static_WL	The static depth to water at the time of the Compl_Date	ft
Status	The status of the well at the time of the Compl_Date	-
Well_Use	A type of use the water from the well will be used for	-
Compl_Date	The date the well was constructed or plugged	-
WWC5	Link to the WWC5 document for this well	-
Comments	Any additional comments provided	-
Topo_Surface_10m_feet	Elevation of the land surface based on 10m DEM	ft
Abs_Depth_BR	Elevation of the bedrock	ft
Uncons_Thick	Thickness of the consolidated layer above the bedrock	ft