San Simon Valley Sub-basin Water Level Data Table Explanation

SiteID: Although the Site Identification Number is derived initially from the latitude and longitude of the site, the number is a unique identifier and not a locator. The first six digits of the site identification number are the value of the latitude, the seventh through thirteenth digits are the value of the longitude, and the value 01 is used for the fourteenth and fifteenth numbers.

LocalID: This is a 20 character-long site location based on the U. S. Bureau of Land Management's system of land subdivision. The land survey in Arizona is based on the Gila and Salt River Baseline and Meridian, which divides the state into four quadrants. These quadrants are designated **A**, **B**, **C**, and **D** in a counterclockwise direction starting in the upper right hand corner (Figure 1). All land with north *Townships* and east *Ranges* are in the **A** quadrant, north *Townships* and west *Ranges* in the **B** quadrant , south *Townships* and west *Ranges* in the **C** quadrant, and south *Townships* and east *Ranges* in the **D** quadrant. The first number in the cadastral location is the *Township*, the second is the *Range*, and the third is the *Section* in which the site is located. The letters following the section number indicate the well location within the section. The first letter indicates the 160-acre quarter section, the second letter the 40-acre quarter-quarter section, and the third letter the 10-acre quarter-quarter-quarter section. These letters are also assigned in a counterclockwise direction, beginning with the northeast quarter of the section. For example, a well with the cadastral location **D-04-05 16CAA** is located in *Township* 4 South, *Range* 5 East, *Section* 16 in the southwest quarter section, the northeast quarter-quarter section, and the northeast quarter-quarter-quarter section. Leading zeros are included in the township, range, and section numbers. If more than one well or site is located within a 10-acre tract, consecutive numbers beginning with 1 are added as suffixes with the oldest known well labeled as 1.

Basin: SSI=San Simon Valley Sub-basin

UTMX and UTMY: The two UTM fields contain the Universal Transverse Mercator (UTM) location of the site. The Universal Transverse Mercator system is a special application of the Transverse Mercator map projection. The UTM system divides the globe into sixty (60) zones, each spanning six (6) degrees of longitude. Each UTM zone has a central meridian which divides the zone into two equal parts, three degrees east and three degrees west. The origin of a zone is the central meridian and the equator, all points within a zone are referenced from this point in meters. To eliminate negative values the origin is assigned a false easting value of 500,000 meters; thus Easting values of less than 500,000 meters are located in the east half of a zone and easting values of more than 500,000 meters are located in the west half of a zone. The UTM values for a GWSI site are calculated from the latitude and longitude coordinates.

STYPE: Site Type – W= well

SUSE: Site use – See table below.

WUSE: Water use – See table below.

COUNTY: 03=Cochise, 09=Graham, 23=Hidalgo County, New Mexico

HDEPTH: Depth of the drilled hole in feet

WDEPTH: Depth of the well in feet

REGNO: ADWR Well Registration Number, 55-******

IDNXBR: Codes for the ADWR Index Well program. BK00= Inactive Index Well, BK36= San Simon Valley, annual sampling, BK62= Transducer Index Well, BKQ1= Water Quality (inactive), BKQ3= Water Quality(inactive)

MEASDATE: The date of the water level measurement.

MEAYEAR: The year the water level was measured.

DTW: Depth to water

WLE: Water Level Elevation (the elevation of the measuring point, typically at the top of the well casing, minus the depth to water)

REM: Remarks – See table below.

Water Use Codes (WUSE)		Site Use Codes (SUSE)		Measurement Remark Codes (REM)	
WUSE_CODE	WUSE_CODE_DESCRIPTION	SIUS_CODE	SIUS_CODE_DESCRIPTION	CODE_ENTRY	CODE_DESCRIPTION
*	UNDETERMINED	*	UNDETERMINED	A	ATMOSPHERIC PRESSURE
A	AIR CONDITIONING	A	ANODE	C	ICE
B	BOTTLING	C	STANDBY, EMERGENCY	D	DRY
C	COMMERCIAL	D	DRAIN	E	RECENTLY FLOWING
D	DEWATERING	E	GEOTHERMAL	F	FLOWING
E	POWER	G	SEISMIC	G	NEARBY FLOWING
F	FIRE	H	HEAT RES	H	NEARBY RECENTLY FLOWING
H	DOMESTIC	M	MINE	I	INJECTING
I	IRRIGATION	N	NON-EXEMPT WELL IN AMA/INA	J	NEARBY INJECTING
J	INDUSTRIAL COOLING	O	OBSERVATION	K	CASCADING WATER
K	MINING	P	OIL AND/OR GAS	L	BRACKISH SALINE
M	MEDICINAL	Q	WATER-QUALITY MONITORING	M	WELL PLUGGED
N	INDUSTRIAL	R	RECHARGE	N	MEASURMENTS DISCONTINUED
O	OBSERVATION	S	REPRESS	O	OBSTRUCTION
P	PUBLIC SUPPLY	T	TEST	P	PUMPING
Q	AQUACULTURE	U	UNUSED	R	RECENTLY PUMPED

Water Use Codes		Site Use Codes		Measurement Remark Codes	
R	RECREATION	W	WITHDRAWAL	S	NEARBY PUMPING
S	STOCK	X	WASTE	T	NEARBY RECENTLY PUMPED
T	INSTITUTION	Z	WELL DESTROYED	U	UNDETERMINED
U	UNUSED			V	FOREIGN MATERIAL (OIL)
Z	OTHER			W	WELL DESTROYED
				X	SURFACE-WATER EFFECTS
				Z	OTHER