Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 55-16-431

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	5516431
County	Schleicher
River Basin	Colorado
Groundwater Management Area	7
Regional Water Planning Area	F - Region F
Groundwater Conservation District	Plateau UWC & SD
Latitude (decimal degrees)	30.8286528
Latitude (degrees minutes seconds)	30° 49' 43.15" N
Longitude (decimal degrees)	-100.1242139
Longitude (degrees minutes seconds)	100° 07' 27.17" W
Coordinate Source	Global Positioning System - GPS
Aquifer Code	110AVME - Alluvium and Edwards and Associated Limestones
Aquifer	Edwards-Trinity Plateau/Other
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	2111
Land Surface Elevation Method	Global Positioning System-GPS
Well Depth (feet below land surface)	
Well Depth Source	
Drilling Start Date	
Drilling End Date	
Drilling Method	
Borehole Completion	

Well Type	Spring
Well Use	Unused
Water Level Observation	None
Water Quality Available	Yes
Pump	
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	Steve Holifield Head of San Saba Springs #2
Driller	
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	7/17/2020
Last Update Date	1/6/2023

Remarks	

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis

Sample Date: 7/16/2020 **Sample Time:** 1235 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Alluvium and Edwards and Associated Limestones

Analyzed Lab: LCRA - Lower Colorado River Authority **Reliability:** Sampled using TWDB protocols

Collection Remarks: Sampled from spring orifice on Northern portion of spring complex area with greatest flow.

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
39086	ALKALINITY FIELD DISSOLVED AS CACO3		276	mg/L as CACO3	
00425	ALKALINITY, BICARBONATE DISSOLVED (MG/L), LAB		275	mg/L	
00430	ALKALINITY, CARBONATE DISSOLVED (MG/L), LAB		0	mg/L	
00420	ALKALINITY, HYDROXIDE DISSOLVED (MG/L), LAB		0	mg/L	
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		275	mg/L as CACO3	
01503	ALPHA, DISSOLVED (PC/L)		3.17	PC/L	1.85
01106	ALUMINUM, DISSOLVED (UG/L AS AL)		13.3	ug/L	
50938	ANION/CATION CHG BAL, PERCENT		2.98	PCT	
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	<	1	ug/L	
01000	ARSENIC, DISSOLVED (UG/L AS AS)		1.33	ug/L	
01005	BARIUM, DISSOLVED (UG/L AS BA)		127	ug/L	
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	<	1	ug/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		335.595	mg/L	
01020	BORON, DISSOLVED (UG/L AS B)	<	50	ug/L	
71870	BROMIDE, DISSOLVED, (MG/L AS BR)		0.081	mg/L	
01025	CADMIUM, DISSOLVED (UG/L AS CD)	<	1	ug/L	
00915	CALCIUM, DISSOLVED (MG/L AS CA)		90.4	mg/L	
28004	CARBON-14 DISS APPARENT AGE (YEARS BP)		3080	Y-BP	
82172	CARBON-14 FRACTION MODERN		0.6815		0.0025
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00941	CHLORIDE, DISSOLVED (MG/L AS CL)		15.9	mg/L	
01030	CHROMIUM, DISSOLVED (UG/L AS CR)		3.26	ug/L	
01035	COBALT, DISSOLVED (UG/L AS CO)	<	1	ug/L	
01040	COPPER, DISSOLVED (UG/L AS CU)	<	1	ug/L	
82081	DELTA CARBON 13 C13/C12 PER MIL		-9.1	0/00	
50791	DEUTERIUM, EXPRESSED AS PERMIL VSMOW		-32.11	0/00	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.245	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		308.042	mg/L as CACO3	
01046	IRON, DISSOLVED (UG/L AS FE)	<	50	ug/L	

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
01049	LEAD, DISSOLVED (UG/L AS PB)	<	1	ug/L	
01130	LITHIUM, DISSOLVED (UG/L AS LI)		6.21	ug/L	
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)		19.8	mg/L	
01056	MANGANESE, DISSOLVED (UG/L AS MN)	<	1	ug/L	
71890	MERCURY, DISSOLVED (UG/L AS HG)	<	0.2	ug/L	
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	<	1	ug/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		6.95	mg/L as NO3	
00631	NITRITE PLUS NITRATE, DISSOLVED (MG/L AS N)		1.57	mg/L as N	
50790	OXYGEN-18, EXPRESSED AS PERMIL VSMOW		-5.23	0/00	
00400	PH (STANDARD UNITS), FIELD		7.21	SU	
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	<	0.02	mg/L as P	
00935	POTASSIUM, DISSOLVED (MG/L AS K)		1.69	mg/L	
09503	RADIUM 226, DISSOLVED, PC/L	<	1	PC/L	0.08
81366	RADIUM 228, DISSOLVED (PC/L AS RA-228)		1.2	PC/L	0.81
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
01145	SELENIUM, DISSOLVED (UG/L AS SE)	<	5	ug/L	
00955	SILICA, DISSOLVED (MG/L AS SI02)		15.3	mg/L as SIO2	
01075	SILVER, DISSOLVED (UG/L AS AG)	<	1	ug/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		0.258		
00932	SODIUM, CALCULATED, PERCENT		6.862	PCT	
00930	SODIUM, DISSOLVED (MG/L AS NA)		10.4	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		431	MICR	
01080	STRONTIUM, DISSOLVED (UG/L AS SR)		631	ug/L	
48297	STRONTIUM, ISOTOPE OF MASS 86 AND 87 RATIO		0.7081458	N/A	
00946	SULFATE, DISSOLVED (MG/L AS SO4)		9.3	mg/L as SO4	
00010	TEMPERATURE, WATER (CELSIUS)		20.6	C	
01057	THALLIUM, DISSOLVED (UG/L AS TL)	<	1	ug/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		335.628	mg/L	
07012	TRITIUM IN WATER (TRITIUM UNITS)		0.75	TU	0.09
22703	URANIUM, NATURAL, DISSOLVED (UG/L AS U)		1.18	ug/L	
01085	VANADIUM, DISSOLVED (UG/L AS V)		10.4	ug/L	
01090	ZINC, DISSOLVED (UG/L AS ZN)	<	5	ug/L	

Water Quality Analysis

Sample Date: 4/20/2021 **Sample Time:** 1640 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Alluvium and Edwards and Associated Limestones

Analyzed Lab: LCRA - Lower Colorado River Authority **Reliability:** Sampled using TWDB protocols

Collection Remarks: Sampled from spring orifice on Northern portion of spring complex area with greatest flow.

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
39086	ALKALINITY FIELD DISSOLVED AS CACO3		277	mg/L as CACO3	
00425	ALKALINITY, BICARBONATE DISSOLVED (MG/L), LAB		275	mg/L	
00430	ALKALINITY, CARBONATE DISSOLVED (MG/L), LAB		0	mg/L	
00420	ALKALINITY, HYDROXIDE DISSOLVED (MG/L), LAB		0	mg/L	
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		275	mg/L as CACO3	
01503	ALPHA, DISSOLVED (PC/L)	<	3	PC/L	1.01
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	<	5	ug/L	
50938	ANION/CATION CHG BAL, PERCENT		2.18	PCT	
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	<	1	ug/L	
01000	ARSENIC, DISSOLVED (UG/L AS AS)		1.21	ug/L	
01005	BARIUM, DISSOLVED (UG/L AS BA)		130	ug/L	
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	<	1	ug/L	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		335.595	mg/L	
01020	BORON, DISSOLVED (UG/L AS B)		72.2	ug/L	
71870	BROMIDE, DISSOLVED, (MG/L AS BR)		0.0842	mg/L	
01025	CADMIUM, DISSOLVED (UG/L AS CD)	<	1	ug/L	
00915	CALCIUM, DISSOLVED (MG/L AS CA)		89.4	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00941	CHLORIDE, DISSOLVED (MG/L AS CL)		14.8	mg/L	
01030	CHROMIUM, DISSOLVED (UG/L AS CR)		7.05	ug/L	
01035	COBALT, DISSOLVED (UG/L AS CO)	<	1	ug/L	
01040	COPPER, DISSOLVED (UG/L AS CU)	<	1	ug/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.249	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		301.393	mg/L as CACO3	
01046	IRON, DISSOLVED (UG/L AS FE)	<	50	ug/L	
01049	LEAD, DISSOLVED (UG/L AS PB)	<	1	ug/L	
01130	LITHIUM, DISSOLVED (UG/L AS LI)		6.25	ug/L	
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)		18.8	mg/L	
01056	MANGANESE, DISSOLVED (UG/L AS MN)	<	1	ug/L	
71890	MERCURY, DISSOLVED (UG/L AS HG)	<	0.2	ug/L	

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	<	1	ug/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)		6.331	mg/L as NO3	
00631	NITRITE PLUS NITRATE, DISSOLVED (MG/L AS N)		1.43	mg/L as N	
00400	PH (STANDARD UNITS), FIELD		6.98	SU	
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	<	0.02	mg/L as P	
00935	POTASSIUM, DISSOLVED (MG/L AS K)		1.46	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
01145	SELENIUM, DISSOLVED (UG/L AS SE)	<	5	ug/L	
00955	SILICA, DISSOLVED (MG/L AS SI02)		14.2	mg/L as SIO2	
01075	SILVER, DISSOLVED (UG/L AS AG)	<	1	ug/L	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		0.253		
00932	SODIUM, CALCULATED, PERCENT		6.814	PCT	
00930	SODIUM, DISSOLVED (MG/L AS NA)		10.1	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		532	MICR	
01080	STRONTIUM, DISSOLVED (UG/L AS SR)		602	ug/L	
00946	SULFATE, DISSOLVED (MG/L AS SO4)		9.11	mg/L as SO4	
00010	TEMPERATURE, WATER (CELSIUS)		20.4	C	
01057	THALLIUM, DISSOLVED (UG/L AS TL)	<	1	ug/L	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		330.064	mg/L	
22703	URANIUM, NATURAL, DISSOLVED (UG/L AS U)		1.24	ug/L	
01085	VANADIUM, DISSOLVED (UG/L AS V)		11.8	ug/L	
01090	ZINC, DISSOLVED (UG/L AS ZN)	<	5	ug/L	

Water Quality Analysis

Sample Date: 4/14/2022 **Sample Time:** 1223 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Alluvium and Edwards and Associated Limestones

Analyzed Lab: TWDB Field Analysis **Reliability:** Sampled using TWDB protocols

Collection Remarks: Sampled from spring orifice on Northern portion of spring complex area with greatest flow.

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00400	PH (STANDARD UNITS), FIELD		6.18	SU	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		593	MICR	
00010	TEMPERATURE, WATER (CELSIUS)		20.6	C	

Water Quality Analysis

Sample Date: 3/7/2023 **Sample Time:** 1430 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Alluvium and Edwards and Associated Limestones

Analyzed Lab: TWDB Field Analysis **Reliability:** Sampled using TWDB protocols

Collection Remarks: Sampled from spring orifice on Northern portion of spring complex area with greatest flow.

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00400	PH (STANDARD UNITS), FIELD		7.13	SU	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		600	MICR	
00010	TEMPERATURE, WATER (CELSIUS)		20.8	C	

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*