

TEP BWQ Groundwater Monitoring Field Form

Project Information			
Project:	PA 34-24 BWQ	Sample Purpose:	LE09: 1st SUB
Site Name (Well Pad):	PA 34-24	Site API:	05-045-23894
Station Name:	Navajo 202848	Sample Date:	8-25-20
COGCC Facility ID:	755923	Start Time:	1040
Field Sample ID:	Navajo 202848	End Time:	1225
Landowner Name:	Harry L Navajo	Sample Time:	1210
Landowner Address:	PO Box 829, Rifle	Sample Team:	SLG, NWS
Water Right/Well Owner:	Harry L Navajo	Sampler:	SLG, NWS
Water Right/Well Permit:	202848	Lead Signature/Date:	J. Good 8-26-20
Receipt Number:	0417420A		

Station Information			
Station Description: Hydrant right next to well			
Approximate Distance to Well Pad (from well location): 2020 ft			
Station Type: <input checked="" type="checkbox"/> Well / <input type="checkbox"/> Spring / <input type="checkbox"/> Seep / <input type="checkbox"/> Other:		Water Use: <input checked="" type="checkbox"/> Domestic / <input type="checkbox"/> Irrigation /	
Sampling Location: Kitchen Tap / Pipe / Well House / Hose bib / <input checked="" type="checkbox"/> Hydrant / <input type="checkbox"/> Other:			
GPS Well Location: Zone	x -107.94208	y 39.50037	z 5261
GPS Sampling Location: Zone	x "	y "	z "
Total Depth (ft):	185	Static Depth to Water (ft):	NM Well diameter (in): 6 5/8" 0-143'
Total Volume x 3 (gal)	NA	Total Volume Purged (gal)	230 4 1/2" 143-185

Weather Conditions	
Sky: <input checked="" type="checkbox"/> Clear / <input type="checkbox"/> Scattered / <input type="checkbox"/> Cloudy / <input type="checkbox"/> Overcast	Estimated Air Temp (deg F): 95
Precipitation: <input checked="" type="checkbox"/> None / <input type="checkbox"/> Light / <input type="checkbox"/> Moderate / <input type="checkbox"/> Heavy	Precip Type: <input checked="" type="checkbox"/> None / <input type="checkbox"/> Rain / <input type="checkbox"/> Sleet / <input type="checkbox"/> Hail / <input type="checkbox"/> Snow
Wind: <input checked="" type="checkbox"/> Calm / <input type="checkbox"/> Light / <input type="checkbox"/> Mod / <input type="checkbox"/> Strong	Wind Speed/Direction: 0

Field Measurements								
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments	
Water Temp	deg C	17.3	1222		YSI PRO2	Container		
pH	s.u.	7.02	↓					
Sp. Conductivity	uS/cm	5200						
Conductivity	uS/cm	4436						
DO Saturation	%	26.2						
DO	mg/L	2.48						
Baro Press	mmHg	678.9						
ORP	RmV	87.1						
Turbidity	NTU	1.28			AV	MICRO		1.52, 0.83, 1.49
Discharge	gpm	2.6			VAR			
Color: <input checked="" type="checkbox"/> Clear / <input type="checkbox"/> White / <input type="checkbox"/> Yellow / <input type="checkbox"/> Brown / <input type="checkbox"/> Green / <input type="checkbox"/> Blue / <input type="checkbox"/> Other <input checked="" type="checkbox"/> Light / <input type="checkbox"/> Med / <input type="checkbox"/> Dark								
Odor: <input checked="" type="checkbox"/> None / <input type="checkbox"/> Mild / <input type="checkbox"/> Mod / <input type="checkbox"/> Strong								
Effervescence: <input checked="" type="checkbox"/> None / <input type="checkbox"/> Mild / <input type="checkbox"/> Mod / <input type="checkbox"/> Strong				Bubbles: <input checked="" type="checkbox"/> None / <input type="checkbox"/> Low / <input type="checkbox"/> Mod / <input type="checkbox"/> High				
Sediment: <input checked="" type="checkbox"/> None / <input type="checkbox"/> Light / <input type="checkbox"/> Mod / <input type="checkbox"/> Heavy				VOA Headspace: <input checked="" type="checkbox"/> None / <input type="checkbox"/> ≤ Pea Size / <input type="checkbox"/> ≥ Pea Size				
Lab Analysis: <input checked="" type="checkbox"/> Rule 609 / <input type="checkbox"/> COA 9 / <input type="checkbox"/> COA 22 / <input type="checkbox"/> Other								
Field Filtered: <input checked="" type="checkbox"/> Yes / <input type="checkbox"/> No		Filter Size: NA		No. Filters used: NA				

Flag Codes: NM (not measured), E (estimated), N/A (not applicable), I (insufficient sample), Q (uncertain value), Y (calculated value), AV (averaged value), EC (exceeds calibration range), P (probe malfunction), NS (not stabilized), VAR (variable), OT (other flag to be defined later)

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Landowner Comments on water quality:

None. No treatment system or storage tank upstream of sampling location.

Additional information:

couldnt take water level at well, cap doesnt remove.

Mr. Harry Naugle present for sampling.

calibration info on Naugle 67992-F

Calibration Information			Date:			Location:		
Instrument	Parameter	Units	Time	Calibration Standard Value	Calibration Standard Temp (°C)	Instrument Reading of Standard	Adjusted Reading	Comments
	pH	s.u.						
	pH	s.u.						
	pH	s.u.						
	SpC	uS/cm						
	SpC	uS/cm						
	DO	%						
	DO	%						
	ORP	RmV						
	Turbidity	NTU						

