

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:	Naugle L7992-F	Sample Date:	8-25-20
COGCC Facility ID:	755924	Start Time:	0900
Field Sample ID:	Naugle L7992-F	End Time:	1020
Landowner Name:	Harry L Naugle	Sample Time:	1010
Landowner Address:	PO Box 829, Rifle	Sample Team:	SLG, NWS
Water Right/Well Owner:	Harry L Naugle	Sampler:	NWS
Water Right/Well Permit:	L7992-F/Naugle Well #2	Lead Signature/Date:	J Good 8-26-20
Receipt Number:	9503206		

Station Information			
Station Description: Hydrant on southeast corner of house			
Approximate Distance to Well Pad (from well location): 2075 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 / Other:			
GPS Well Location:	Zone	x -107.94144	y 39.49977 z 5225
GPS Sampling Location:	Zone	x -107.94181	y 39.50027 z 5249
Total Depth (ft):	130	Static Depth to Water (ft):	104.83 Well diameter (in): 7" 0-40'
Total Volume x 3 (gal)	93.2	Total Volume Purged (gal)	102 5.5" 35-130'

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): 90
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: Q

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	19.7	1020		YSI PROZ	container	
pH	s.u.	6.63					
Sp. Conductivity	uS/cm	696					
Conductivity	uS/cm	5435					
DO Saturation	%	3.6					
DO	mg/L	0.32					
Baro Press	mmHg	630.4					
ORP	RmV	73.5					
Turbidity	NTU	2.17		AV	MICRO		
Discharge	gpm	gt 1.8		VAR			2.51, 2.04, 1.97

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:	Yes / <input checked="" type="checkbox"/> No	Filter Size: NA No. Filters used: 0

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:

1024' WL P5706 104.88

Mr. Hamy Naugle present for sampling.

Calibration Information			Date: 8/25/20			Location: WWL office		
Instrument	Parameter	Units	Time	Calibration Standard Value	Calibration Standard Temp (°C)	Instrument Reading of Standard	Adjusted Reading	Comments
YSI DO 2	pH	s.u.	726	7.0	22.5	7.06		
	pH	s.u.	728	10.01	22.5	10.00		
	pH	s.u.	731	4.01	22.5	4.06	3.97	
	SpC	uS/cm	724	447	22.5	464.9	446.6	
	SpC	uS/cm						
	DO	%	750	640.7	22.2	83.5	84.3	
	DO	%						
	ORP	RmV						
	Turbidity	NTU						

