

## TEP BWQ Groundwater Monitoring Field Form

Project Information			
Project:	TEP BWQ	Sample Purpose:	6th Year COA
Site Name (Well Pad):	Monument Ridge	Site API:	1215 05-045-20527
Station Name:	Richardson 57703-F	Sample Date:	6/7/21
COGCC Facility ID:	752938	Start Time:	1215
Field Sample ID:	Richardson 57703-F	End Time:	1440
Landowner Name:	Taylor Richardson	Sample Time:	1410
Landowner Address:	25 Monument Ridge, Prescott, AZ	Sample Team:	TDS
Water Right/Well Owner:	Taylor Richardson	Sampler:	TDS
Water Right/Well Permit:	57703-F	Lead Signature/Date:	<i>[Signature]</i> 7/9/21
Receipt Number:	0491311D		

Station Information			
Station Description: House Hose bib on the side of house by side door			
Approximate Distance to Well Pad (from well location): 1625 ft SE			
Station Type:	Well / Spring / Seep / Other:	Water Use:	Domestic / Irrigation /
Sampling Location: Kitchen Tap / Pipe / Well House / Hose bib / Hydrant / Other:			
GPS Well Location:	Zone	x 39.427541 y -108.029184 z 1658.01	
GPS Sampling Location:	Zone	x 39.427972 y -108.029443 z 1661.75	
Total Depth (ft):	140	Static Depth to Water (ft):	90
Total Volume x 3 (gal):	185.02	Total Volume Purged (gal):	255
		Well diameter (in):	5.5

Weather Conditions			
Sky:	Clear / Scattered / Cloudy / Overcast	Estimated Air Temp (deg F):	80°F
Precipitation:	None / Light / Moderate / Heavy	Precip Type:	None / Rain / Sleet / Hail / Snow
Wind:	Calm / Light / Mod / Strong	Wind Speed/Direction:	Q

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	18.2	1422		YSI Pro	Container	
pH	s.u.	7.66	↓		↓	↓	
Sp. Conductivity	uS/cm	1025					
Conductivity	uS/cm	843					
DO Saturation	%	84.3					
DO	mg/L	7.87					
Baro Press	mmHg	619.3	↓				
ORP	RmV	124.7					
Turbidity	NTU	1.47		AV		↓	1.73, 1.28, 1.41
Discharge							
Color:	Clear / White / Yellow / Brown / Green / Blue / Other					Light / Med / Dark	
Odor:	None / Mild / Mod / Strong						
Effervescence:	None / Mild / Mod / Strong			Bubbles:	None / Low / Mod / High		
Sediment:	None / Light / Mod / Heavy			VOA Headspace:	None / ≤ Pea Size / ≥ Pea Size		
Lab Analysis:	Rule 609 / COA 9 / COA 22 / Other						
Field Filtered:	Yes / (No)	Filter Size:	N/A	No. Filters used:	N/A		

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:

Taylor's Wife mentioned the water has been tasting funny recently. Taylor said he doesn't think its a result of hydrocarbon contamination.

Additional information:

Cistern upstream of sample. Sample site is before water softener.  
 \* DTW is from well construction report. Unable to access open well.

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.						See Mikowski 64327-F
	SpC	uS/cm						
	SpC	uS/cm						
	DO	%						
	DO	%						
	ORP	RmV						
	Turbidity	NTU						



