

TEP BWQ Groundwater Monitoring Field Form

Project Information			
Project:	TEP BWQ	Sample Purpose:	6th Year COA
Site Name (Well Pad):	Monument Ridge Pad	Site API:	05-045-20527
Station Name:	Johnson 64326-F	Sample Date:	6/2/21
COGCC Facility ID:	752936	Start Time:	0925
Field Sample ID:	Johnson 64326-F	End Time:	1150
Landowner Name:	Rodney Johnson	Sample Time:	1120
Landowner Address:	7199 CR300 Paradise	Sample Team:	TDS
Water Right/Well Owner:	Rodney Johnson	Sampler:	TDS
Water Right/Well Permit:	64326-F	Lead Signature/Date:	<i>[Signature]</i> 7/9/21
Receipt Number:	9502457A		

Station Information			
Station Description: Hose bib on House next to Front Door/Driveway			
Approximate Distance to Well Pad (from well location): 1200 ft NE			
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 39.432289 y -108.028777 z 1462.29m	
GPS Sampling Location:	Zone	x 39.432485 y -108.029154 z 1663.25m	
Total Depth (ft):	140	Static Depth to Water (ft):	99.77
Total Volume x 3 (gal):	167.37 148.87	Total Volume Purged (gal):	202
		Well diameter (in):	5.5

Weather Conditions	
Sky:	Clear / Scattered / Cloudy / Overcast
Precipitation:	None / Light / Moderate / Heavy
Wind:	Calm / Light / Mod / Strong
Estimated Air Temp (deg F):	65°F
Precip Type:	None / Rain / Sleet / Hail / Snow
Wind Speed/Direction:	Q

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	15.0	1126		YSI Pro2	Container	
pH	s.u.	7.93	↓		↓	↓	
Sp. Conductivity	uS/cm	588.8					
Conductivity	uS/cm	277.3					
DO Saturation	%	84.1					
DO	mg/L	8.38					
Baro Press	mmHg	622.5					
ORP	RmV	319.0					
Turbidity	NTU	1.71		AV			
Discharge							2.72, 0.81, 1.61
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:

Has water softener. Landowner (Rod Johnson) bypassed the softener during purge and sampling. Filters are upstream of sampling location and could not be bypassed

Additional information:

99.77 ft BTOC post sample DTW @ 1145

Calibration Information			Date: 6/2/21			Location: Office		
Instrument	Parameter	Units	Time	Calibration Standard Value	Calibration Standard Temp (°C)	Instrument Reading of Standard	Adjusted Reading	Comments
	pH	s.u.	0756	7.00	22.3	7.06		
	pH	s.u.	0801	10.01	22.1	10.03		
	pH	s.u.	0804	4.01	22.4	4.05		
	SpC	uS/cm	0752	2606	22.4	2479	2609	
	SpC	uS/cm						
	DO	%	0816	639.5	21.8	81.0	84.1	
	DO	%						
	ORP	RmV	0818	254.66	6.8	254.3	254.8	
	Turbidity	NTU						

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3

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