

TEP BWQ Groundwater Monitoring Field Form

Project Information			
Project:	TEP Rule 411 Workover	Sample Purpose:	Nov/DEC 2021 411
Site Name (TEP Pad):	Tompkins Pad	Site API: 05-045-22475;	05-045-22823; 05-045-22477
Station Name:	Tompkins MW-1	Sample Date:	3/8/2022
Station COGCC Facility ID:	754072	Start Time:	11:55
Field Sample ID:	Tompkins MW-1	End Time:	15:00
Landowner Name:	Thomas & Lynn Tompkins	Sample Time:	14:40 14:40
Landowner Address:	0269 County Rd 309 Paradise	Sample Team:	BDS & CWS
Water Right/Well Owner:	TEP Rocky Mtn LLC	Sampler:	BDS
Water Right/Well Permit:	296864	Lead Signature/Date:	3/9/22
Receipt Number:	3668314		

Station Information			
Station Description: MW ^{NW} of pad; down slope past small spillway			
Approximate Distance to Well Pad (from well location): ~ 350 ft. NW of pad			
Station Type:	Well / Spring / Seep / Other:	Water Use:	Domestic / Irrigation / <u>Monitoring</u>
Sampling Location: Kitchen Tap / Pipe / Well House / Hose bib / Hydrant / Other: <u>Hose / Tap</u>			
GPS Well Location:	Zone	x -108.015052	y 39.460706 z 5494
GPS Sampling Location:	Zone	x	y z
Total Depth (ft):	162	Static Depth to Water (ft):	123.05
Total Volume x 3 (gal):	76.27	Total Volume Purged (gal):	210
		Well diameter (in):	4

From top of plastic sounding casing

Weather Conditions			
Sky:	Clear / Scattered / Cloudy / Overcast	Estimated Air Temp (deg F):	~35°F
Precipitation:	None / Light / Moderate / Heavy	Precip Type:	None / Rain / Sleet / Hail / Snow
Wind:	Calm / Light / Mod / Strong	Wind Speed/Direction:	0

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	15.8	14:40		YSI pro	Container	
pH	s.u.	7.93					
Sp. Conductivity	uS/cm	521.8					
Conductivity	uS/cm	429.8					
DO Saturation	%	53.1					
DO	mg/L	5.22					
Baro Press	mmHg	621.0					
ORP	RmV	287.1					
Turbidity	NTU	5.58	↓	AV	Micro TPI	↓	6.36, 5.17, 5.22
Discharge	GPM	1					
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 615 / Monitoring Well / Other <u>411</u>							
Field Filtered: Yes / <u>No</u> Filter Size: <u>NA</u> No. Filters used: <u>NA</u>							

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)

