

# TEP BWQ Groundwater Monitoring Field Form

Project Information			
Project:	TEP BWQ	Sample Purpose:	1 <sup>st</sup> Sub Rule 615
Site Name (Pad/Facility):	South Leverich 13-09	Site API or Facility ID:	335045
Station Name:	Fischer 314384	Sample Date:	6-12-2024
Sample Facility ID:	770716	Start Time:	1200
Field Sample ID:	Fischer 314384	End Time:	1330
Landowner Name:	Cindy and Joel Fischer	Sample Time:	1315
Landowner Address:	3001 S Grand Ave. Glenwood Springs, CO	Sample Team:	TM Ash
Water Right/Well Owner:	Cindy and Joel Fischer	Observer:	TM
Well Permit:	314384	Lead Signature:	TM
Receipt Number:	3692856	Date:	6-12-2024

Station Information			
Station Description: Domestic well at Fischer residence north of home approximately 75 feet.			
Approximate Distance to Well Pad (from well location): 1200 ft			
Station Type:	Well / Spring / Seep / Other: <u>Well</u>		
Sampling Location:	Kitchen Tap / Pipe / Well House / Hose bib / Hydrant / WWL Tubing / Other: <u>Hydrant</u>		
GPS Well Location:	Zone	X -107.834035	Y 39.435823 Z 7845'
GPS Sampling Location:	Zone	x	y z
Total Depth (ft):	175	Static Depth to Water (ft):	95.21
Total Volume x 3 gal)	302.82	Total Volume Purged (gal)	305
			Well diameter (in): 5.5

Weather Conditions	
Sky:	<u>Clear</u> / Scattered / Cloudy / Overcast
Precipitation:	<u>None</u> / Light / Moderate / Heavy
Wind:	<u>Calm</u> / Light / Mod / Strong
Estimated Air Temp (deg F):	90
Precip Type:	<u>None</u> / Rain / Sleet / Hail / Snow
Wind Speed/Direction:	—

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	10.5	1315		YSI	Cont.	
pH	s.u.	8.05					
Sp. Conductivity	uS/cm	316.0					
Conductivity	uS/cm	287.6					
DO Saturation	%	13.3					
DO	mg/L	1.45					
Baro Press	mmHg	580.5					
ORP	RmV	149.0					
Turbidity	NTU	1.59					
Discharge	Gpm/Cfs	5		AU	MIQOTP		1.39, 1.73, 1.65 Purge rate, reduced for sample
Color:	<u>Clear</u> / White / Yellow / Brown / Green / Blue / Other						
Odor:	<u>None</u> / Mild / Mod / Strong						
Effervescence:	<u>None</u> / Mild / Mod / Strong						
Sediment:	<u>None</u> / Light / Mod / Heavy						
				Bubbles: <u>None</u> / Low / Mod / High			
				VOA Headspace: <u>None</u> / ≤ Pea Size / ≥ Pea Size			
Lab Analysis:	<u>Rule 615</u> / Rule 411 / Rule 907 / COA / Other						
Field Filtered:	<u>Yes</u> / No						
	Filter Size:			No. Filters used:			

Flag Codes: AV (averaged value), E (estimated), EC (exceeds calibration range), I (insufficient sample), N/A (not applicable), NM (not measured), NS (not stabilized), OT (other flag, see comment or notes), Q (uncertain value), Y (calculated value), VAR (variable)

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Station ID: Fischer 314384 Date: 6-12-2024

Landowner Comments on water quality:

Landowner not home for sample

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Additional information:

final DTW = 95.74

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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.	<u>See Rinnehart #2</u>					
	pH	s.u.						
	pH	s.u.						
	SpC	uS/cm						
	SpC	uS/cm						
	DO	%						
	DO	%						
	ORP	RmV						
	Turbidity	NTU						



15 sec	3.78 L	min
L	gal	60 sec