

TEP BWQ Groundwater Monitoring Field Form

Project Information			
Project:	PA 22-25 BWQ	Sample Purpose:	Rule 615 2nd Sub (Final)
Site Name (Pad/Facility):	PA 22-25	Site API or Facility ID:	335123
Station Name:	Naugle 67992-F	Sample Date:	4-2-2024
Sample Facility ID:	755924	Start Time:	1045
Field Sample ID:	Naugle 67992-F	End Time:	1140
Landowner Name:	Harry L Naugle	Sample Time:	1130
Landowner Address:	PO Box 829 Rifle CO	Sample Team:	TFM ASH
Water Right/Well Owner:	Harry L Naugle	Observer:	TM
Well Permit:	67992-F / Naugle Well #2	Lead Signature:	TM
Receipt Number:	9503206	Date:	4-2-2024

Station Information			
Station Description: South east hydrant from house			
Approximate Distance to Well Pad (from well location): 2743'			
Station Type: <u>Well</u> / Spring / Seep / Other:		Water Use: <u>Domestic</u> / Monitoring / Other: Irrigation	
Sampling Location: Kitchen Tap / Pipe / Well House / Hose bib / Hydrant / WWL Tubing / Bailer / 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):	105.23
Total Volume x 3 gal)	91.71	Total Volume Purged (gal)	
		Well diameter (in): 7" 0-40' 5 1/2" 35-130'	

Weather Conditions	
Sky: <u>Clear</u> / Scattered / Cloudy / Overcast	Estimated Air Temp (deg F): 60
Precipitation: <u>None</u> / Light / Moderate / Heavy	Precip Type: <u>None</u> / Rain / Sleet / Hail / Snow
Wind: <u>Calm</u> / Light / Mod / Strong	Wind Speed/Direction: 2mph NW

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	13.8	1125		YSI	Cont.	
pH	s.u.	6.82	↓		↓	↓	
Sp. Conductivity	uS/cm	6087					
Conductivity	uS/cm	5265					
DO Saturation	%	16.6					
DO	mg/L	1.64					
Baro Press	mmHg	638.5					
ORP	RmV	95.4					
Turbidity	NTU	11.41	AV	MicroTP		11.89, 11.13, 11.22	
Discharge	<u>Gpm</u> /Cfs	5gpm					purge rate
VOCs	ppm			NM			
Color:	Clear / White / Yellow / <u>Brown</u> / Green / Blue / Other			Light / <u>Med</u> / Dark		rust	
Odor:	<u>None</u> / Mild / Mod / Strong						
Effervescence:	<u>None</u> / Mild / Mod / Strong			Bubbles: <u>None</u> / Low / Mod / High			
Sediment:	<u>None</u> / Light / Mod / Heavy			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: _____ Date: _____

Landowner Comments on water quality:

Uses only for irrigation. Used to use for livestock

Additional information:

Water rust colored to start

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.						
	SpC	uS/cm		See Nangle		264799		
	SpC	uS/cm						
	DO	%						
	DO	%						
	ORP	RmV						
	Turbidity	NTU						

