

## TEP BWQ Groundwater Monitoring Field Form

Project Information			
Project:	TEP BWA	Sample Purpose:	2nd Sub Rule 609
Site Name (Pad/Facility):	Tompkins Pad	Site API or Facility ID:	438312
Station Name:	Dunn Well	Sample Date:	7-12-2023
COGCC Facility ID:	753875	Start Time:	930
Field Sample ID:	Dunn Well	End Time:	1050
Landowner Name:	Richard + Charles Dunn	Sample Time:	1025
Landowner Address:	999 309 CR Parachute 8635	Sample Team:	IFM, ASH
Water Right/Well Owner:	Dunn	Observer:	M
Well Permit:	175207	Lead Signature:	M
Receipt Number:	0362782	Date:	7-12-2023

Station Information			
Station Description:			
Approximate Distance to Well Pad (from well location):			
Station Type: Well / Spring / Seep / Other:	Water Use: Domestic / Monitoring / Other:		
Sampling Location: Kitchen Tap / Pipe / Well House / Hose bib / Hydrant / WWL Tubing / Other:			
GPS Well Location: Zone	x	y	z
	-108.01221	39.46678	5470
GPS Sampling Location: Zone	x	y	z
Total Depth (ft):	115	Static Depth to Water (ft):	98.20
Total Volume x 3 gal)	62.19	Total Volume Purged (gal)	75
		Well diameter (in):	
		5.12	

Weather Conditions	
Sky: Clear / <del>Scattered</del> / Cloudy / Overcast	Estimated Air Temp (deg F): 75
Precipitation: <del>None</del> / Light / Moderate / Heavy	Precip Type: <del>None</del> / Rain / Sleet / Hail / Snow
Wind: <del>Calm</del> / Light / Mod / Strong	Wind Speed/Direction: 2mph east

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	15.6	1025		YSI	Container	
pH	s.u.	7.52	↓		↓	↓	
Sp. Conductivity	uS/cm	559.3					
Conductivity	uS/cm	460.4					
DO Saturation	%	63.8					
DO	mg/L	6.26					
Baro Press	mmHg	631.3					
ORP	RmV	1031.6					
Turbidity	NTU	1.19		AV	MicroTPI	Container	1.77, 1.03, 0.79
Discharge	Gpm/Cfs	#		NM			
Color: <del>Clear</del> / White / Yellow / Brown / Green / Blue / Other ... Light / Med / Dark							
Odor: <del>None</del> / Mild / Mod / Strong							
Effervescence: <del>None</del> / Mild / Mod / Strong				Bubbles: <del>None</del> / Low / Mod / High			
Sediment: <del>None</del> / Light / Mod / Heavy				VOA Headspace: None / ≤ Pea Size / ≥ Pea Size			
* TPH bottle had an air bubble							
Lab Analysis: <del>Rule 615</del> / Rule 411 / Rule 907 / COA / Other Rule 609							
Field Filtered: Yes / <del>No</del> 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)

## TEP BWQ Groundwater Monitoring Field Form

Station ID: DunnWell Date: 7-12-2023

Landowner Comments on water quality:

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Additional information:

- Sampled from outside faucet on south west side of house

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Calibration Information			Date: <u>7-12-23</u>			Location: <u>Office</u>		
Instrument	Parameter	Units	Time	Calibration Standard Value	Calibration Standard Temp (°C)	Instrument Reading of Standard	Adjusted Reading	Comments
YSI TroPlus ↓	pH	s.u.	0708	7.00	22.6	7.16	6.98	
	pH	s.u.	0710	10.01	22.6	9.95	10.02	
	pH	s.u.						
	SpC	uS/cm	0716	447	22.5	478.0	446.0	
	SpC	uS/cm						
	DO	%	0725	Air	19.3	83.2	84.8	
	DO	%						
	ORP	RmV	0718	233.5	22.4	224.2	234.0	
MicroTPI	Turbidity	NTU	0720	1000/1/0.02	-	-	-	



