

# TEP ECMC Rule 411 Surface Water Monitoring Field Form

Project Information			
Surface Water Supply Area:	Rifle	Site API(s):	05-045-23295, 05-045-23298
Site Name (Pad/CWMP):	Youberg/RU 32-12	Site Facility ID:	324061
Station Name:	BC 10	Sample Date:	8/6/25
Sample Facility ID:	755848	Start Time:	1143
Field Sample ID:	BC 10	End Time:	1215
Landowner Name:	Youberg Beaver Creek Ranch	Sample Time:	1205
Landowner Address:	1604 Bataan Ln, Gulf Breeze, FL 32563	Sample Team:	TBP, SRD
Date Range of DCPS Operations:	May-June 2025	Sampler:	SRD
		Lead Signature/Date:	<i>Thom R. ...</i> 8/6/25

Station Information			
Station Description:			
Approximate Distance to Well Pad: 1,335 feet			
Station Type: <b>Stream</b> / Spring / Seep / Pond / Lake / NPDES Outfall / Other:			
Sampling Location: <b>Bank</b> / Pipe / Wading / Boat / Bridge / Hose bib / Tank / Other:			
Sampling Location Description: Pool / Riffle / Eddy / Backwater / Open / Channel / Braided / Other:			
Sampling Location Width:		Sampling Location Depth:	
GPS Location:	Zone	X: -107.831501	Y: 39.45802 Z: 7,080

Weather Conditions			
Sky:	Clear / Scattered / Cloudy / Overcast	Estimated Air Temp (deg F):	80
Precipitation:	None / Light / Moderate / Heavy	Precip Type:	None / Rain / Sleet / Hail / Snow
Wind:	Calm / Light / Mod / Strong	Wind Speed/Direction:	-

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	12.4	1204		YSI		
pH	s.u.	8.38			YSI		
Sp. Conductivity	uS/cm	321.7			YSI		
Conductivity	uS/cm	244.3			YSI		
DO Saturation	%	95.3			YSI		
DO	mg/L	10.16			YSI		
Baro Press	mmHg	593.9			YSI		
ORP	RmV	89.5			YSI		
Turbidity	NTU	16.24			MicroTP		
Discharge	cfs	1.07		AV	Flo Mate	In-Situ	13.65, 20.46, 14.61
H2S	mg/L	NM	NM	NM			

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 411		
Field Filtered:	No	Filter Size:	n/a
		No. Filters used:	0

# TEP ECMC Rule 411 Surface Water Monitoring Field Form

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)

Notes:

Chromium Hex preservative leaked completely. No preservative could be added.

Additional information:

	Station	Depth	Flow		Station	Depth	Flow
	1.1	0.0	0.0	12	14.9	0.25	-0.16
1	2.9	0.2	0.07	Left Bank	15.5	0.0	0.0
2	4.25	0.3	0.13				
3	5.3	0.2	0.25				
4	6.5	0.0	0.0				
5	9.3	0.0	0.0				
6	9.75	0.3	-0.01				
7	10.75	0.32	0.31				
8	11.5	0.4	0.88				
9	12.35	0.55	0.68				
10	13.1	0.5	0.21				
11	14.0	0.45	0.56				

Calibration Information			Date:		Location: WWL Office			Adjusted Reading	Comments
Instrument	Parameter	Units	Time	Calibration Standard Value	Calibration Standard Temp (°C)	Instrument Reading of Standard			
YSI	pH	s.u.							
YSI	pH	s.u.							
YSI	pH	s.u.							
YSI	SpC	uS/cm							
YSI	SpC	uS/cm							
YSI	DO	%		Air					
YSI	DO	%		-	-	-	-		
YSI	ORP	RmV							
MicroTP	Turbidity	NTU		1000,10,0.02	-	-	-		

See Watch Bench  
MW-1 8/6/25