

WPX BWQ Surface Water Monitoring Field Form

Project Information			
Project:	317B July/Aug 2015 DCPS ops	Sample Purpose:	Battlement Mesa/Parachute
Site Name (Well Pad):	PA 21-9	Site API:	05-045-19217
Station Name:	B29	Sample Date:	9-21-15
COGCC Facility ID:	754438	Start Time:	1300
Field Sample ID:	B29	End Time:	1330
Landowner Name:	Battlement Mesa Land Invest	Sample Time:	1310
Landowner Address:	736 Stephanie Dr., Parachute	Sample Team:	BLK, NWS
Water Right/Well Owner:		Observer:	BLK
Water Right/Well Permit:		Lead Signature/Date:	J. Kip 9-23-15

SW-SA

Station Information	
Station Description:	wading near bank; on boulders
Approximate Distance to Well Pad:	5400 ft.
Station Type:	Stream / Spring / Seep / Pond / Lake / NPDES Outfall / Other: CO River
Sampling Location:	Bank / Pipe / Wading / Boat / Bridge / Hose bib / Tank / Other:
Sampling Location Description:	Pool / Riffle / Eddy / Backwater / Open / Channel / Braided / Other:
Sampling Location Width:	280 ft. to island
Sampling Location Depth:	NM
GPS Location:	Zone x -108.02234 y 39.46433 z 4991

Weather Conditions	
Sky:	Clear / Scattered / Cloudy / Overcast
Precipitation:	None / Light / Moderate / Heavy
Wind:	Calm / Light / Mod / Strong
Estimated Air Temp (deg F):	75°
Precip Type:	None / Rain / Sleet / Hail / Snow
Wind Speed/Direction:	9

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	14.78	1320		YSI 556	in-situ	
pH	s.u.	8.67	↓		↓	↓	
Sp. Conductivity	uS/cm	906	↓		↓	↓	
Conductivity	uS/cm	729	↓		↓	↓	
DO Saturation	%	72.0	↓		↓	↓	
DO	mg/L	7.27	↓		↓	↓	
Baro Press	mmHg	633.7	↓		↓	↓	
ORP	RmV	196.0	↓		↓	↓	
Turbidity	NTU	7.05	↓	AV	micro TA	↓	9.24, 6.09, 5.84
Discharge		NM					See back for USGS gage stations

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 609 / COA 9 / COA 22 / Other	Rule 317B
Field Filtered:	Yes / No	No. Filters used: NA

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), OT (other flag to be defined later), NS (not stabilized), VAR (variable)

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Landowner Comments on water quality:

None

Additional information:

Sample site comprised of boulders covered in sediment + moss. Sample taken near a riffle.

USGS gaging stations:

Cameo (CO River) = 2460 cfs @ 0845

Glenwood Springs (CO River) = 2160 cfs (day mean)

No WPX representatives present for sampling.

Calibration info on FU 117 MW 2

Calibration Information			Date: 9-21-15			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						
	SpC	uS/cm						
	DO	%						
	DO	%						
	ORP	RmV						
	Turbidity	NTU						