

WPX BWQ Surface Water Monitoring Field Form

Project Information			
Project:	RMV 108-4 BWQ	Sample Purpose:	Duplicate
Site Name (Well Pad):	RMV 108-4	Site API:	05-045-07194
Station Name:	Mackley Gardner Spring 907	Sample Date:	10-7-14
COGCC Facility ID:	752713	Start Time:	1120
Field Sample ID:	RMV 108-4-Spring	End Time:	1200
Landowner Name:	Arnold + Darlan Mackley	Sample Time:	1130
Landowner Address:	4031 CR 320, Rifle, CO 81650	Sample Team:	SLK, NWS
Water Right/Well Owner:	Arnold Mackley	Observer:	SLK
Water Right/Well Permit:	Gardner Spg Spring	Lead Signature/Date:	<i>[Signature]</i> 10-8-14

Station Information	
Station Description:	Hose connection in field by stake
Approximate Distance to Well Pad:	1,100 FT
Station Type:	Stream / <u>Spring</u> / Seep / Pond / Lake / NPDES Outfall / Other:
Sampling Location:	Bank / Pipe / Wading / Boat / Bridge / <u>Hose bib</u> / Tank / Other:
Sampling Location Description:	Pool / Riffle / Eddy / Backwater / Open / Channel / Braided / Other: <u>Hose bib</u>
Sampling Location Width:	N/A
Sampling Location Depth:	N/A
GPS Location:	Zone x -107.885396 y 39.471782 z 5624

Weather Conditions	
Sky:	Clear / <u>Scattered</u> / Cloudy / Overcast
Precipitation:	<u>None</u> / Light / Moderate / Heavy
Wind:	<u>Calm</u> / Light / Mod / Strong
Estimated Air Temp (deg F):	50
Precip Type:	<u>None</u> / Rain / Sleet / Hail / Snow
Wind Speed/Direction:	NM

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	13.52	1158		YSI 550	container	
pH	s.u.	7.13	↓		↓	↓	
Sp. Conductivity	uS/cm	752					
Conductivity	uS/cm	587					
DO Saturation	%	54.3					
DO	mg/L	5.65					
Baro Press	mmHg	625.1					
ORP	RmV	191.0					
Turbidity	NTU	0.77		AV	microTPW		0.97, 0.64, 0.69
Discharge	gpm	4.8		VAR	bucket/watch		
H2S	mg/L	NM					
Color:	Clear / White / Yellow / Brown / Green / Blue / Other			Light / Med / Dark			
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 609</u> / COA 9 / COA 22 / Other						
Field Filtered:	<u>Yes</u> / No		Filter Size:	N/A		No. Filters used:	0

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:

See RmV 108-4 Gardner Spg

Additional information:

Duplicate sample of 'RmV 108-4-Gardner Spg'

Time on LOC: 0820

Actual sample time: 1130

No landowners present for sampling.

Calibration info on 'RmV 108-4-Garden Spg'

Calibration Information			Date: 10-7-14	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						