

WPX BWQ Surface Water Monitoring Field Form

Project Information			
Project:	RMV 108-4 BWQ	Sample Purpose:	Rule 609 Subsequent 1
Site Name (Well Pad):	RMV 108-4	Site API:	05-045-07194
Station Name:	Mackley Hillside Spring 910	Sample Date:	10-7-14
COGCC Facility ID:	752714	Start Time:	1210
Field Sample ID:	RMV 108-4-Hillside Spg	End Time:	1250
Landowner Name:	Arnold + Darleen Mackley	Sample Time:	1230
Landowner Address:	4031 CR 320, Rifle, CO 81650	Sample Team:	NWS, SLK
Water Right/Well Owner:	Arnold Mackley	Observer:	NWS
Water Right/Well Permit:	Hillside Spring	Lead Signature/Date:	[Signature] 10-8-14

Station Information			
Station Description: Hose bib on back of house near garden			
Approximate Distance to Well Pad: 3,385 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: <u>N/A</u>		Sampling Location Depth: <u>N/A</u>	
GPS Location:	Zone	x-107.88095	y 39.480422 z 5359

Weather Conditions	
Sky: Clear / <u>Scattered</u> / Cloudy / Overcast	Estimated Air Temp (deg F):
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: <u>NM</u>

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	14.07	1247		YS 556	Container	
pH	s.u.	7.43					
Sp. Conductivity	uS/cm	745					
Conductivity	uS/cm	589					
DO Saturation	%	65.8					
DO	mg/L	6.75					
Baro Press	mmHg	627.8					
ORP	RmV	224.0					
Turbidity	NTU	1.00		AV	MicroTRW		0.90, 1.02, 1.10
Discharge		NM					
H2S	mg/L	NM					
Color: <u>Clear</u> / White / Yellow / Brown / Green / Blue / Other <u>Light</u> / Med / Dark							
Odor: <u>None</u> / Mild / Mod / Strong							
Effervescence: <u>None</u> / <u>Mild</u> / 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: <u>NA</u>		No. Filters used: <u>NA</u>			

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)

WPX BWQ Surface Water Monitoring Field Form

Landowner Comments on water quality:

None. Plumbed to house, used on a daily basis.

Additional information:

Unable to turn off spigot. There is a connection on the hose bin for two hoses. Removed one and took sample from it. Spigot + connections were calcified (crusted calcium deposits).

No landowners present for sample.

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

Calibration Information			Date: <u>10-7-14</u>		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						