

WPX BWQ Groundwater Monitoring Field Form

Project Information			
Project:	WPX BWQ	Sample Purpose:	Rule 609 Sub 1
Site Name (Well Pad):	GR 14-28	Site API:	05-045-07698
Station Name:	Pickett 151879	Sample Date:	6-23-16
COGCC Facility ID:	752711	Start Time:	0945
Field Sample ID:	GM 32328-151879	End Time:	1140
Landowner Name:	Pickett Land Company	Sample Time:	1120
Landowner Address:	N/A	Sample Team:	NWS SLG
Water Right/Well Owner:	Atlantic Runfield Co.	Observer:	SLG
Water Right/Well Permit:	15079	Lead Signature/Date:	D. Good 6/27/16
Receipt Number:	0290381		

Station Information			
Station Description: Parachute Creek House - hose bib before treatment in basement			
Approximate Distance to Well Pad (from well location): 0.48 miles			
Station Type: <u>Well</u> / Spring / Seep / Other:		Water Use: Domestic / Irrigation / <u>Household use only</u>	
Sampling Location: Kitchen Tap / Pipe / Well House / <u>Hose bib</u> / Hydrant / Other:			
GPS Well Location:	Zone NM	x NM	y NM z NM
GPS Sampling Location:	Zone 12S	x 4375508	y 747355 z 5307
Total Depth (ft):	60	Static Depth to Water (ft):	16.16 Well diameter (in): 4 1/2" 10-40"
Total Volume x 3 (gal):	100.2	Total Volume Purged (gal):	158.1 4 1/8" 40-60"

Weather Conditions	
Sky: Clear / Scattered / Cloudy / <u>Overcast</u>	Estimated Air Temp (deg F): 70
Precipitation: None / <u>Light</u> / Moderate / Heavy	Precip Type: None / <u>Rain</u> / Sleet / Hail / Snow
Wind: Calm / <u>Light</u> / Mod / Strong	Wind Speed/Direction: 9

Field Measurements								
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments	
Water Temp	deg C	12.90	1137		YSI 550	container		
pH	s.u.	6.99	↓					
Sp. Conductivity	uS/cm	1368						
Conductivity	uS/cm	105.1						
DO Saturation	%	14.7						
DO	mg/L	1.54						
Baro Press	mmHg	631.0						
ORP	RmV	104.0						
Turbidity	NTU	2.16			AV	micro		
Discharge	gpm	3.0			VAR			2.60, 2.27, 1.62
Color:	<u>Clear</u> / 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: 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. Sample taken before treatment system in basement.
No storage tanks.

Additional information:

1003: WL BTOC 11e.16
1144: WL BTOC 11e.18

Craig Kohus present for sampling.

Calibration info on RU 11-7 MW2

Calibration Information			Date: 6/23/14			Location: field		
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						

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