

WPX BWQ Groundwater Monitoring Field Form

Project Information			
Project:	GM 323-28 BWQ	Sample Purpose:	Rule 609 Sub 1
Site Name (Well Pad):	GM 323-28	Site API:	05-045-07698
Station Name:	Puckett 151879	Sample Date:	11-5-15
COGCC Facility ID:	752711	Start Time:	0950
Field Sample ID:	GM 323-28-151879	End Time:	1240
Landowner Name:	Puckett Land Company	Sample Time:	1210
Landowner Address:	N/A	Sample Team:	SLK, NWS
Water Right/Well Owner:	Atlantic Richfield Co.	Observer:	SLK
Water Right/Well Permit:	151879	Lead Signature/Date:	J. Kipp / 11-5-15
Receipt Number:	0290381		

Station Information			
Station Description: Parachute creek house - hose bib before treatment in basement			
Approximate Distance to Well Pad: 0.48 miles			
Station Type: Well / Spring / Seep / Other:		Water Use: Domestic / Irrigation / Household use only	
Sampling Location: Kitchen Tap / Pipe / Well House / Hose bib / Other:			
GPS Location: Zone 12S x 4375508 y 747355 z 5307			
Total Depth (ft):	60	Static Depth to Water (ft):	18.53
Purge Volume (gal):	120.6	Total Volume Purged (gal):	124.2
		Well diameter (in): 4 1/2" 10'-40" 4 1/8" 40'-60"	

Weather Conditions			
Sky:	Clear / Scattered / Cloudy / Overcast	Estimated Air Temp (deg F): 40	
Precipitation:	None / Light / Moderate / Heavy	Precip Type: None / Rain / Sleet / Hail / Snow	
Wind:	Calm / Light / Mod / Strong	Wind Speed/Direction: Q	

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	12.67	1233		ysi 556	container	
pH	s.u.	6.83	↓				
Sp. Conductivity	uS/cm	1401					
Conductivity	uS/cm	1071					
DO Saturation	%	4.5					
DO	mg/L	0.47					
Baro Press	mmHg	621.3					
ORP	RmV	194.4					
Turbidity	NTU	2.08			AV	micro	
Discharge		1.5			VAR		
H2S	mg/L	NA					
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							
Field Filtered:		Yes / No		Filter Size: NA		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 the Rosemont. No storage tanks.

Additional information:

0950: WL 18.53' BTOC
 1239: WL 17.52' BTOC

Craig Kohles Present for sampling.

Calibration Information			Date: 11-5-15			Location: WXL office		
Instrument	Parameter	Units	Time	Calibration Standard Value	Calibration Standard Temp (°C)	Instrument Reading of Standard	Adjusted Reading	Comments
Yfi 554	pH	s.u.	0640	7.0	21.91	7.07	7.00	
	pH	s.u.	0642	4.01	21.89	3.99	4.00	
	pH	s.u.	0645	10.01	21.84	9.96	10.00	
	SpC	uS/cm	0638	2070	21.95	2040	2070	
	SpC	uS/cm						
	DO	%	0652	639.3mmHg	21.75	88.1	84.1	
	DO	%						
	ORP	RmV						
Micro TW	Turbidity	NTU	0950					

