

WESTERN WATER & LAND, INC.
Groundwater Monitoring Field Form

PROJECT INFORMATION			
Project:	PA 22-25	Sample Purpose:	RULE 609 BWP
Field Sample ID:	NAUGLE 202848	Sample Date:	8-31-17
Location:	755923	Start Time:	1040
Landowner Name:	HARRY L NAUGLE	End Time:	1235
Landowner Address:	PO BOX 829 RIFLE 81650	Sample Time:	1215
Water Right/Well Owner:	Harry L Naugle	Sample Team:	NWS, JNP
Water Right/Well Permit:	202848	Observer:	JNP
Receipt Number:	0417420A	Lead Signature/Date:	[Signature] 9-12-17

STATION INFORMATION			
Station Description: Hydrant right next to well			
Station Type:	Well / Spring / Seep / Other:	Water Use:	Domestic / Irrigation /
Sampling Location: Kitchen Tap / Pipe / Well House / Hose bib / Hydrant / Other:			
GPS Well Location:	Zone	X 39.50037 X 107.94208	Z 5261
GPS Sampling Location:	Zone	X SAME X SAME	Z
Total Depth (ft):	185	Static Depth to Water (ft):	Well diameter (in):
Total Volume x 3 (gal)	500.2	Total Volume Purged (gal)	

WEATHER CONDITIONS			
Sky:	Clear / Scattered / Cloudy / Overcast	Estimated Air Temp (deg F):	85 F
Precipitation:	None / Light / Moderate / Heavy	Precip Type:	None / Rain / Sleet / Hail / Snow
Wind:	Calm / Light / Mod / Strong	Wind Speed/Direction:	

FIELD MEASUREMENTS							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	16.54	1232		YSI 550		
pH	s.u.	7.04	↓		↓		
Sp. Conductivity	uS/cm	5889					
Conductivity	uS/cm	4937					
DO Saturation	%	21.8					
DO	mg/L	2.09					
Baro Press	mmHg	637.4					
ORP	RmV	167.4					
Turbidity	NTU	5.11	↓	AV	MICROTR1		1.80, 1.41, 1.31
Discharge	gpm	2.3					

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		
Field Filtered:	Yes / No	Filter Size:	No. Filters used:

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

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Field Notes:

PARAMETER STABILIZATION

LANDOWNER PRESENT

Unable to measure water level as well cap screws were extremely rusted.

This well supplies the household so it is used very frequently.

We believe the well was dewatering because of surges in the flow rate but we had no way to confirm since we could not access the well with a water level indicator.

Cal info on Teter well

CALIBRATION INFORMATION			Date:			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						

