

Site: 450 Ymard		Well#/Location: MW12		Job No. MD 301202				
Date: 3/9/16		Weather:		Sampling Personnel: R. Collins				
Well Information								
Sample ID	MW12							
Well Depth (ft.)	15.2"							
Screened Interval (ft.)								
Casing Elevation (msl)								
Casing Diameter (in)	1"							
Depth to Water (ft.)	7.95'							
Water Elevation (msl)								
Casing Volume (gal)								
PID/FID Reading (ppm)	0.0ppm							
Purging Information								
Purging Method	Low flow							
Purging Rate (l/m; gpm)	0.1 gpm							
Start Purge Time	1025pm							
End Purge Time	1035							
Volume Purged (gal)	6.5							
Sampling Information								
Sampling Method								
Start Sampling Time	1140							
End Sampling Time	1145							
Depth Before Sampling (ft.)	8.00'							
Number Bottles Collected	11							
Parameters								
Sample Time	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (ft.)	Purged Volume (gallons)
1035	6.92	0.775	1000+	17.95	15.06	-12	7.95'	0.5
1040	6.72	0.819	1000+	11.39	15.11	-42		1.0
1045	6.77	0.829	1000+	9.16	15.20	-46		1.5
1050	6.79	0.822	872	7.44	15.26	-48		2.0
1055	6.76	0.824	673	5.89	15.22	-50		2.5
1100	6.78	0.823	487	3.89	15.28	-51		3.0
1105	6.81	0.818	444	3.49	15.34	-51		3.5
1110	6.80	0.813	292	3.09	15.32	-51		4.0
1115	6.81	0.809	272	2.46	15.32	-53		4.5
1120	6.82	0.808	251	2.20	15.32	-52		5.0
1125	6.82	0.805	129	2.03	15.39	-50		5.5
1130	6.82	0.804	160	1.95	15.42	-49		6.0
1135	6.82	0.803	154	1.93	15.42	-48	8.0'	6.5
Notes/Remarks								
Stability PH - ± 0.1 unit Specific Conductance - ± 3% Temperature - ± 3% Dissolved Oxygen - ± 10% above 0.5 mg/L Turbidity - ± 10% above 5 NTU ORP/Eh - ± 10 millivolts Maximum flow rate - < 0.5 L/m or 0.13 gpm Maximum drawdown - < 0.33 feet		First 1 gallon murky brown water. At about 1 1/4 gallon cleaned up. NO odor. Pump set 2ft off bottom of well.						

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Site: 450 Union St	Well#/Location: MW15	Job No. MD301202
Date: 3/8/16	Weather:	Sampling Personnel: R Grodin

Sample ID	MW15
Well Depth (ft.)	14' 2"
Screened Interval (ft.)	
Casing Elevation (msl)	
Casing Diameter (in)	2"
Depth to Water (ft.)	6' 58" 8.55'
Water Elevation (msl)	
Casing Volume (gal)	
PID/FID Reading (ppm)	0.4 ppm

Purging Method	Low flow / 3xvcd
Purging Rate (l/m; gpm)	0.1 apm
Start Purge Time	1130 1530
End Purge Time	1635
Volume Purged (gal)	4.5g

Sampling Method	
Start Sampling Time	11:40
End Sampling Time	1:10
Depth Before Sampling (ft.)	9.9'
Number Bottles Collected	11

[illegible]

Stability

PH - ± 0.1 unit

Specific Conductance - $\pm 3\%$

Temperature - $\pm 3\%$

Dissolved Oxygen - $\pm 10\%$ above 0.5 mg/L

Turbidity - $\pm 10\%$ above 5 NTU

ORP/Eh - ± 10 millivolts

Maximum flow rate - < 0.5 L/m or 0.13 gpm

Maximum drawdown - < 0.33 feet

Poor recharge. Rhyed 3x volumes
+ sampled.

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Site: 450 umbona		Well#/Location: MW16		Job No. 170301202				
Date: 3/8/16		Weather:		Sampling Personnel: E. Collins				
Well Information				Purging Information				
Sample ID: MW16		Purging Method: Low flow		Purging Rate (l/m; gpm):				
Well Depth (ft.): 16'3"		Start Purge Time: 940		End Purge Time: 1055				
Screened Interval (ft.):		Volume Purged (gal): 259.809						
Casing Elevation (msl):								
Casing Diameter (in): 2"								
Depth to Water (ft.): 8'2" 9.2'								
Water Elevation (msl):								
Casing Volume (gal):								
PID/FID Reading (ppm): 0.0 ppm								
				Sampling Information				
Sampling Method:		Start Sampling Time: 1100		End Sampling Time: 1105				
Depth Before Sampling (ft.): 12' 3" 11' 9.1'		Number Bottles Collected: 11						
Parameters								
Sample Time	pH	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temp (°C)	ORP (mV)	Depth to Water (ft.)	Purged Volume (gallons)
955	7.38	0.924	458	2.66	17.49	-107	8.2'	0.5
1000	7.36	0.926	207	2.31	17.44	-109	-	1.0
1005	7.36	0.931	119	1.96	17.39	-110	8.25'	1.5
1010	7.35	0.938	85.0	1.83	17.38	-110	-	1.5
1015	7.34	0.942	96.8	2.05	17.40	-105	8.30	2.0
1020	7.34	0.954	235	3.59	17.43	-92	-	-
1025	7.34	0.949	106	3.40	17.54	-89	8.30'	2.5
1030	7.33	0.957	79.6	2.84	17.36	-91	-	-
1035	7.34	0.959	93.7	2.97	17.52	-89	-	3.0
1040	7.34	0.955	59.2	3.01	17.54	-90	8.50'	-
1045	7.33	0.957	78.3	3.03	17.48	-89	-	3.5
1050	7.33	0.958	67.2	2.95	17.50	-89	-	-
1055	7.34	0.957	73.1	3.00	17.49	-91	9.1'	5.0
Notes/Remarks								
Stability PH - ± 0.1 unit Specific Conductance - ± 3% Temperature - ± 3% Dissolved Oxygen - ± 10% above 0.5 mg/L Turbidity - ± 10% above 5 NTU ORP/Eh - ± 10 millivolts Maximum flow rate - < 0.5 L/m or 0.13 gpm Maximum drawdown - < 0.33 feet								
First 1/2 - 1 gallon brown, murky water. No odor. Pump set 2ft off bottom of well.								

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