

Well Construction Report				YM827		Form 3300-077A			
WISCONSIN UNIQUE WELL NUMBER				Drinking Water and Groundwater - DG/5					
				Department of Natural Resources, Box 7921					
				Madison WI 53707					
Property Owner MADISON, CITY OF				Phone # (608)261-9243		1. Well Location			
Mailing Address 119 E OLIN AVENUE						Fire # (if avail.)			
City MADISON				State WI Zip Code 53713		City of MADISON			
County Dane		Co. Permit #		Notification #		Completed 05-14-2015		Subdivision Name	
								Lot # Block #	
Well Constructor (Business Name)				Lic. #		Facility ID # (Public Wells)		Method Code	
MUNICIPAL WELL & PUMP/MIDWEST WELL				13		113022470		GPS008	
Address 1212 STORBECK DR WAUPUN WI 53963				Well Plan Approval #		or Govt Lot #		Section Township Range	
						27 7 N 10 E			
				Approval Date (mm-dd-yyyy) 01-07-2015		2. Well Type Reconstruction			
Hicap Permanent Well # 94675				Common Well # 31		Specific Capacity 9.4		of previous unique well # YJ235 constructed in 2014	
3. Well serves # of CITY OF MADISON				Hicap Well ? Yes		Reason for replaced or reconstructed well ?			
Municipal/Community				Hicap Property ? Yes		SEAL OFF SHALE LAYERS AND GRANITE			
Heat Exchange ___ # of drillholes				Hicap Potable ? Yes		Construction Type Drilled			
4. Potential Contamination Sources - ON REVERSE SIDE									
5. Drillhole Dimensions and Construction Method						8. Geology			
Dia. (in.)	From (ft.)	To (ft.)	Upper Enlarged Drillhole		Lower Open Bedrock	Geology Codes		Type, Caving/Noncaving, Color, Hardness, etc...	From (ft.) To (ft.)
48	Surface	35	Yes Rotary - Mud Circulation		No	I - I -	WHITE, SOIL-ORGANIC	Surface	5
42	35	189	No Rotary - Air		No	- - C S	CLAY, SANDY	5	50
34.5	189	316	No Rotary - Air & Foam		No	- N S G	FINE, SAND, W/GRAVEL/COBBLES/BOULDE RS/STONES	50	75
25	316	915	No Drill-Through Casing Hammer			- - C -	CLAY	75	110
			Yes Reverse Rotary			- - C S	CLAY, SANDY	110	125
			No Cable-tool Bit ___in. dia...		No	- - S G	SAND, W/GRAVEL/COBBLES/BOULDE RS/STONES	125	170
			No Dual Rotary		No	- S N H	SOFT/LOOSE, SANDSTONE, SHALEY	170	195
			Yes Temp. Outer Casing ___in. dia			T - N -	TAN/BROWN, SANDSTONE	195	204
			No Removed? ___depth ft. (If NO explain on back side)			Y N	YELLOW, SANDSTONE	204	238
						T N	TAN/BROWN, SANDSTONE	238	280
						E N H	GREEN, SANDSTONE, SHALEY	280	315
						I N	WHITE, SANDSTONE	315	700
						T N	TAN/BROWN, SANDSTONE	700	885
						T N H	TAN/BROWN, SANDSTONE, SHALEY	885	915
6. Casing, Liner, Screen									
Dia. (in.)	Material, Weight, Specification Manufacturer & Method of Assembly			From (ft.)	To (ft.)				
48	ASTM A53B .0375" SURFACE CASING			Surface	35				
36	ASTM A53B X .500" PEB			0	189				
30	ASTM A53B .500" DEB			0	316				
Dia. (in.)	Screen type, material & slot size			From (ft.)	To (ft.)				

7. Grout or Other Sealing Material				9. Static Water Level		11. Well Is													
Method				35 ft. below ground surface		24 in. above grade													
Kind of Sealing Material	From (ft.)	To (ft.)	# Sacks Cement	10. Pump Test		Developed ? Yes													
NEAT CEMENT	Surface	316	1600 Y	Pumping level 272 ft. below surface		Disinfected ? Yes													
NEAT CEMENT	856	915	175 Y	Pumping at 2235 GP M for 8 Hrs.		Capped ? Yes													
				Pumping Method ?															
				12. Notified Owner of need to fill & seal ?		No													
				Filled & Sealed Well(s) as needed?		No													
				<table border="1"> <tr> <td>13. Constructor / Supervisory Driller</td> <td>Lic #</td> <td>Date Signed</td> </tr> <tr> <td>TG</td> <td></td> <td>05-29-2015</td> </tr> <tr> <td>Drill Rig Operator</td> <td>Lic or Reg #</td> <td>Date Signed</td> </tr> <tr> <td>DS</td> <td></td> <td>05-29-2015</td> </tr> </table>		13. Constructor / Supervisory Driller	Lic #	Date Signed	TG		05-29-2015	Drill Rig Operator	Lic or Reg #	Date Signed	DS		05-29-2015		
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4a. Potential Contamination Sources		Is the well located in floodplain ? <u>No</u>
Comment:	WELL WAS SHOT WITH DEVELOPMENTAL EXPLOSIVES 445' - 550' AT 15' INTERVALS 1192 LBS. THE BACKFILLING OF THE WELL WAS APPROVED BY MARK HARDER IN A 01/07/2015 E-MAIL.	
Created On: 01-24-2017	Updated On: 11-13-2024	Review Status: APPROVED