

Well Construction Report WISCONSIN UNIQUE WELL NUMBER				BF510		Drinking Water and Groundwater - DG/5 Department of Natural Resources, Box 7921 Madison WI 53707				Form 3300-077A						
Property Owner MADISON, CITY OF						Phone # (608)266-4656		1. Well Location				Fire # (if avail.)				
Mailing Address 523 E MAIN ST						City of MADISON										
City MADISON				State WI		Zip Code 53703										
County Dane		Co. Permit #		Notification #		Completed 01-01-1951		Subdivision Name				Lot #		Block #		
Well Constructor (Business Name) LAYNE CHRISTENSEN COMPANY				Lic. # 582		Facility ID # (Public Wells) 113022470				Method Code GCD013						
Address W229 N5005 DUPLAINVI PEWAUKEE WI 53072				Well Plan Approval #				or Govt Lot #		Section 32		Township 7 N		Range 9 E		
Approval Date (mm-dd-yyyy) 01-01-1951				2. Well Type New Well												
of previous unique well #				constructed in												
Reason for replaced or reconstructed well ?				Construction Type Drilled												
Hicap Permanent Well # 77130				Common Well # 010				Specific Capacity 21.1								
3. Well serves # of						Hicap Well ?										
Municipal/Community						Hicap Property ?										
Heat Exchange ___ # of drillholes						Hicap Potable ?										
4. Potential Contamination Sources - ON REVERSE SIDE																
5. Drillhole Dimensions and Construction Method																
Dia. (in.)			From (ft.)			To (ft.)			Upper Enlarged Drillhole				Lower Open Bedrock			
28			Surface			192			Rotary - Mud Circulation							
27			192			270			Rotary - Air							
20			270			300			Rotary - Air & Foam							
16			300			1000			Drill-Through Casing Hammer							
Reverse Rotary																
Cable-tool Bit ___ in. dia...																
Dual Rotary																
Temp. Outer Casing ___ in. dia																
Removed? ___ depth ft. (If NO explain on back side)																
8. Geology																
Geology Codes				Type, Caving/Noncaving, Color, Hardness, etc...				From (ft.)				To (ft.)				
M S				SILT @ SAND				Surface				80				
G C L				CLAY				80				130				
M T				SILT @ TILL				130				140				
Z				CLAY @ GRAVEL				140				150				
P A N				CONGLOMERATE @ SS STP				150				175				
H N M				SILTSTONE @ SS STP				175				190				
N L				SANDSTONE FRANCO				190				270				
S N				SANDSTONE DRESB				270				380				
N L				SANDSTONE EC				380				420				
G H L				SHALE EC				420				435				
N				SANDSTONE EC				435				570				
N				SANDSTONE MT SIMON				570				997				
P Q				GRANITE PC				997				1000				
6. Casing, Liner, Screen																
Dia. (in.)		Material, Weight, Specification Manufacturer & Method of Assembly						From (ft.)		To (ft.)						
28								Surface		192						
20								192		270						
Dia. (in.)		Screen type, material & slot size						From (ft.)		To (ft.)						
7. Grout or Other Sealing Material																
Method																
Kind of Sealing Material						From (ft.)		To (ft.)		# Sacks Cement						
CEMENT						Surface		270								

9. Static Water Level

142 ft. below ground surface

10. Pump Test

Pumping level 214 ft. below surface

Pumping at 1520 GP M for 34 Hrs.

Pumping Method ?

11. Well Is

0 in. _____ grade

Developed ?

Disinfected ?

Capped ?

12. Notified Owner of need to fill & seal ?

Filled & Sealed Well(s) as needed?

13. Constructor / Supervisory Driller

Lic #

Date Signed

Drill Rig Operator

Lic or Reg #

Date Signed

4a. Potential Contamination Sources

Is the well located in floodplain ?

Comment:

Abandonment Type	Abandonment Date	Procedure	Reason
	08/29/2013	SAND CEMENT GROUT 0-997' 158 YARDS USED	WATER QUALITY

Created On: 11-19-1998

Updated On: 07-11-2023

Review Status: