

|                                                                                                                                                                                                                                              |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  |                                                                       |  |                          |  |                                                        |  |                                                 |  |                    |  |          |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------|--|----------------------|--|-----------------------------------------------------------------------------------------------------------------------------|--|-------------------------|--|-----------------------------------------------------------------------|--|--------------------------|--|--------------------------------------------------------|--|-------------------------------------------------|--|--------------------|--|----------|--|
| <b>Well Construction Report</b><br><b>WISCONSIN UNIQUE WELL NUMBER</b>                                                                                                                                                                       |  |                                                                      |  | <b>HT374</b>         |  | <b>Drinking Water and Groundwater - DG/5</b><br><b>Department of Natural Resources, Box 7921</b><br><b>Madison WI 53707</b> |  |                         |  | Form 3300-077A                                                        |  |                          |  |                                                        |  |                                                 |  |                    |  |          |  |
| Property Owner RIEGE, ROBERT                                                                                                                                                                                                                 |  |                                                                      |  |                      |  | Phone #                                                                                                                     |  | <b>1. Well Location</b> |  |                                                                       |  | Fire # (if avail.)       |  |                                                        |  |                                                 |  |                    |  |          |  |
| Mailing Address 490 LONDON RD                                                                                                                                                                                                                |  |                                                                      |  |                      |  | Town of DEERFIELD                                                                                                           |  |                         |  |                                                                       |  |                          |  |                                                        |  |                                                 |  |                    |  |          |  |
| City DEERFIELD                                                                                                                                                                                                                               |  |                                                                      |  |                      |  | State WI                                                                                                                    |  | Zip Code 53531          |  |                                                                       |  |                          |  |                                                        |  |                                                 |  |                    |  |          |  |
| County Dane                                                                                                                                                                                                                                  |  | Co. Permit # 23069                                                   |  | Notification #       |  | Completed 08-05-2004                                                                                                        |  | Subdivision Name        |  |                                                                       |  | Lot #                    |  | Block #                                                |  |                                                 |  |                    |  |          |  |
| Well Constructor (Business Name)<br>PHILLIP HASTINGS                                                                                                                                                                                         |  |                                                                      |  | Lic. # 4464          |  | Facility ID # (Public Wells)                                                                                                |  |                         |  | Latitude / Longitude in Decimal Degree (DD)<br>43.0618 °N -89.0237 °W |  |                          |  | Method Code<br>GCD013                                  |  |                                                 |  |                    |  |          |  |
| Address HASTINGS WELL DRLG & SERV INC<br>DEERFIELD WI 53531                                                                                                                                                                                  |  |                                                                      |  | Well Plan Approval # |  | SE NW                                                                                                                       |  | Section 24              |  | Township 7 N                                                          |  | Range 12 E               |  |                                                        |  |                                                 |  |                    |  |          |  |
|                                                                                                                                                                                                                                              |  |                                                                      |  |                      |  | or Govt Lot #                                                                                                               |  |                         |  |                                                                       |  |                          |  |                                                        |  |                                                 |  |                    |  |          |  |
| Hicap Permanent Well #                                                                                                                                                                                                                       |  |                                                                      |  | Common Well #        |  | Specific Capacity                                                                                                           |  |                         |  | <b>2. Well Type</b> New Well                                          |  |                          |  |                                                        |  |                                                 |  |                    |  |          |  |
| Hicap Well ? No                                                                                                                                                                                                                              |  |                                                                      |  | Hicap Property ? No  |  | Reason for replaced or reconstructed well ?                                                                                 |  |                         |  |                                                                       |  |                          |  |                                                        |  |                                                 |  |                    |  |          |  |
| Heat Exchange ___ # of drillholes                                                                                                                                                                                                            |  |                                                                      |  | Hicap Potable ?      |  | Construction Type Drilled                                                                                                   |  |                         |  |                                                                       |  |                          |  |                                                        |  |                                                 |  |                    |  |          |  |
| <b>4. Potential Contamination Sources - ON REVERSE SIDE</b>                                                                                                                                                                                  |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  |                                                                       |  |                          |  |                                                        |  |                                                 |  |                    |  |          |  |
| <b>5. Drillhole Dimensions and Construction Method</b>                                                                                                                                                                                       |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  |                                                                       |  |                          |  | <b>8. Geology</b>                                      |  |                                                 |  |                    |  |          |  |
| Dia. (in.)                                                                                                                                                                                                                                   |  | From (ft.)                                                           |  | To (ft.)             |  | Upper Enlarged Drillhole                                                                                                    |  |                         |  | Lower Open Bedrock                                                    |  |                          |  | Geology Codes                                          |  | Type, Caving/Noncaving, Color, Hardness, etc... |  | From (ft.)         |  | To (ft.) |  |
| 6                                                                                                                                                                                                                                            |  | Surface                                                              |  | 160                  |  | Rotary - Mud Circulation .....                                                                                              |  |                         |  |                                                                       |  |                          |  | T - C -                                                |  | BROWN CLAY                                      |  | Surface            |  | 4        |  |
| Rotary - Air .....<br>Rotary - Air & Foam .....<br>Drill-Through Casing Hammer<br>Reverse Rotary<br>Cable-tool Bit 6in. dia...<br>Dual Rotary .....<br>Temp. Outer Casing ___ in. dia<br>Removed? ___ depth ft. (If NO explain on back side) |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  | T - X -                                                               |  | BROWN CLAY & SAND        |  | 4                                                      |  | 64                                              |  |                    |  |          |  |
|                                                                                                                                                                                                                                              |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  | G - X G                                                               |  | GRAY CLAY & SAND, GRAVEL |  | 64                                                     |  | 71                                              |  |                    |  |          |  |
|                                                                                                                                                                                                                                              |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  | T - X G                                                               |  | BROWN CLAY, SAND, GRAVEL |  | 71                                                     |  | 97                                              |  |                    |  |          |  |
|                                                                                                                                                                                                                                              |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  | - - Y -                                                               |  | GRAVEL, SAND             |  | 97                                                     |  | 108                                             |  |                    |  |          |  |
|                                                                                                                                                                                                                                              |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  | - B L G                                                               |  | BROKEN LIMESTONE, GRAVEL |  | 108                                                    |  | 138                                             |  |                    |  |          |  |
|                                                                                                                                                                                                                                              |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  | T - N -                                                               |  | BROWN SANDSTONE          |  | 138                                                    |  | 160                                             |  |                    |  |          |  |
| <b>6. Casing, Liner, Screen</b>                                                                                                                                                                                                              |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  |                                                                       |  |                          |  | <b>9. Static Water Level</b>                           |  |                                                 |  | <b>11. Well Is</b> |  |          |  |
| Dia. (in.)                                                                                                                                                                                                                                   |  | Material, Weight, Specification<br>Manufacturer & Method of Assembly |  |                      |  | From (ft.)                                                                                                                  |  | To (ft.)                |  | 64 ft. below ground surface                                           |  |                          |  | 12 in. above grade                                     |  |                                                 |  |                    |  |          |  |
| 6                                                                                                                                                                                                                                            |  | ASTM A53 SAWHILL PLAIN END WELD                                      |  |                      |  | Surface                                                                                                                     |  | 138                     |  | <b>10. Pump Test</b>                                                  |  |                          |  | Developed ? Yes                                        |  |                                                 |  |                    |  |          |  |
| Dia. (in.)                                                                                                                                                                                                                                   |  | Screen type, material & slot size                                    |  |                      |  | From (ft.)                                                                                                                  |  | To (ft.)                |  | Pumping level ___ ft. below surface                                   |  |                          |  | Disinfected ? Yes                                      |  |                                                 |  |                    |  |          |  |
|                                                                                                                                                                                                                                              |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  | Pumping at 15 GP M for 0.75 Hrs.                                      |  |                          |  | Capped ? Yes                                           |  |                                                 |  |                    |  |          |  |
|                                                                                                                                                                                                                                              |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  | Pumping Method ?                                                      |  |                          |  |                                                        |  |                                                 |  |                    |  |          |  |
| <b>7. Grout or Other Sealing Material</b>                                                                                                                                                                                                    |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  |                                                                       |  |                          |  | <b>12. Notified Owner of need to fill &amp; seal ?</b> |  |                                                 |  |                    |  |          |  |
| Method                                                                                                                                                                                                                                       |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  |                                                                       |  |                          |  | Filled & Sealed Well(s) as needed?                     |  |                                                 |  |                    |  |          |  |
| Kind of Sealing Material                                                                                                                                                                                                                     |  | From (ft.)                                                           |  | To (ft.)             |  | # Sacks Cement                                                                                                              |  |                         |  |                                                                       |  |                          |  |                                                        |  |                                                 |  |                    |  |          |  |
| MUD & CUTTING                                                                                                                                                                                                                                |  | Surface                                                              |  | 138                  |  |                                                                                                                             |  |                         |  |                                                                       |  |                          |  |                                                        |  |                                                 |  |                    |  |          |  |
| <b>13. Constructor / Supervisory Driller</b>                                                                                                                                                                                                 |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  |                                                                       |  |                          |  | Lic #                                                  |  | Date Signed                                     |  |                    |  |          |  |
| Drill Rig Operator                                                                                                                                                                                                                           |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  |                                                                       |  |                          |  | Lic or Reg #                                           |  | Date Signed                                     |  |                    |  |          |  |
| PH                                                                                                                                                                                                                                           |  |                                                                      |  |                      |  |                                                                                                                             |  |                         |  |                                                                       |  |                          |  |                                                        |  |                                                 |  |                    |  |          |  |

**4a. Potential Contamination Sources**Is the well located in floodplain ? No

| Type                                                      | Qualifier | Distance | Type                             | Qualifier | Distance |
|-----------------------------------------------------------|-----------|----------|----------------------------------|-----------|----------|
| POWTS dispersal component (soil absorption unit or mound) | >         | 50       | Landfill                         | >         | 1200     |
| Building Drain - Sanitary                                 | >         | 10       | Sewer - Building Sanitary        | >         | 8        |
| Building Overhang                                         | >         | 2        | Septic or Holding, or POWTS Tank | >         | 25       |

Comment:

Created On: 04-26-2005

Updated On: 12-11-2019

Review Status: