

### North Carolina State Laboratory of Public Health

Environmental Sciences

### Microbiology

### **Certificate of Analysis**

4312 District Drive MSC 1918

Raleigh, NC 27699-1918

http://slph.ncpublichealth.com Phone: 919-733-7308 Fax: 919-715-8611

**FINAL REPORT** 

Report to: ANDREW CURRIN

HARNETT CO ENVIRONMENTAL HEALTH

307 CORNELIUS HARNETT BLVD

Lillington, NC 27546

Name of System:

Jennifer Thoresen

118 Hobson Road Dunn, NC 28334

EIN: 566000306EH Delivery: NC Courier Harnett County

StarLiMS ID: ES180828-0083 Date Collected: 08/27/2018 Time Collected: 14:00 By: A Currin

Date Received: 08/28/2018 Time Received: 08:33 By: Angela Heybroek

Sample Source: New Well Sampling Point: Well head

Sample Type: GPS No.

Treatment: Well Permit No. 18-5-44110

Comment:

Colilert Profile Method: SM 9223B

| Analyte        | Test Result | Unit | Conclusion   | Date Tested |
|----------------|-------------|------|--|-------------|
| Total Coliform | Absent      |      | National Na | 08/28/2018  |
| E. coli        | Absent      |      |  | 08/28/2018  |

Report Date: 08/30/2018 Reported By: Susan Beasley

#### **Explanations of Coliform Analysis:**

If coliform bacteria are **Absent**, the water is considered safe for drinking purpose. If coliform bacteria are **Present**, the water is considered unsafe for drinking purpose. Presence of *E. coli* (bacteria) generally indicates that the water has been contaminated with fecal material. It must be remembered that a water analysis refers only to the sample received and should not be regarded as a complete report on the water supply.

North Carolina Division of Public Health Occupational and Environmental Epidemiology Branch, Epidemiology Section BIOLOGICAL ANALYSIS REPORT

Private well water information and recommendations

County: Harrett Name: Jennifes Thoreson Sample ID Number: Reviewer Andrew Curronetts Location: 118 Hobson Road DUDANC 28334 Confirmation Sample Initial Sample BIOLOGICAL ANALYSIS RESULTS AND RECOMMENDATIONS FOR USES OF YOUR PRIVATE WELL-WATER (These recommendations are based on biological analysis only.) No coliform bacteria were found in your well water. Your water can be used for all purposes including drinking, cooking, washing dishes, bathing and showering. Total coliform bacteria were detected in the sample which indicates that harmful bacteria from human or animal waste could enter the well. Do not use the water for drinking or cooking unless it has been boiled for 3 minutes. You may use your water for all other purposes including washing dishes, bathing or showering. Your well water needs to be re-tested to verify that the result is accurate. Fecal coliform bacteria were detected in the sample. Do not use the water for drinking, cooking, washing dishes, bathing or showering.

If the re-test shows contamination by bacteria contact your local health department for assistance. There may be a problem with the construction of the well, the groundwater source, or operation of the well. The well needs to be inspected by the local health department or a local well contractor to determine the problem with the well and to give guidance on how to correct the problem.

Your well water was tested for biological contaminants (total coliform and fecal coliform bacteria). The results were evaluated using the federal drinking water standards.

Drinking water may contain substances that can occur naturally in water or can be introduced into water from man-made sources. Total coliform bacteria are found in soil and fecal coliform bacteria are found in animal and human waste. Total coliform or fecal coliform bacteria in well water indicate that the well may have structural problems or that the well was not properly disinfected.

If you have been drinking the well water and are pregnant, nursing, have a child in the household under 5 years of age, or immunocompromised (such as an individual with AIDS, cancer, hepatitis, dialysis or surgical procedures) inform your physician of these results at your next visit.

If the contamination continues, you should investigate the possibility of drilling a new well or installing a point-of-entry disinfection unit which can use chlorine, ultraviolet light, or ozone.

For further information please contact your county health department or the Occupational and Environmental Epidemiology Branch at 919-707-5900.



### North Carolina State Laboratory of Public Health

### Environmental Sciences

### **Inorganic Chemistry**

4312 District Drive MSC 1918

Raleigh, NC 27699-1918

http://slph.ncpublichealth.com Phone: 919-733-7308 Fax: 919-715-8611

### **Certificate of Analysis**

**FINAL REPORT** 

Report to: ANDREW CURRIN

HARNETT CO ENVIRONMENTAL HEALTH

307 CORNELIUS HARNETT BLVD

LILLINGTON, NC 27546

Name of System:

Jennifer Thoresen

118 Hobson Road

Dunn, NC 28334

EIN: 566000306EH

Delivery: NC Courier

StarLiMS ID: ES180828-0013

Date Collected:

08/27/2018

Time Collected:

14:00

By: A Currin

Date Received:

08/28/2018

Time Received:

07:38

Sample Type:

Sampling Point: Well head

Well Permit No.

18-5-44110

Sample Source:

New Well

Receipt Temp. :

5.0 °C

GPS No.

Comment:

Profile: New Well I

| Analyte          | Test Result | Allowable Limit | Unit | Qualifier(s) |
|------------------|-------------|-----------------|------|--------------|
| Arsenic          | <0.005      | 0.010           | mg/L |              |
| Barium           | <0.1        | 2.0             | mg/L |              |
| Cadmium          | <0.001      | 0.005           | mg/L |              |
| Calcium          | 2           |                 | mg/L |              |
| Chloride         | 8.83        | 250             | mg/L |              |
| Chromium         | <0.01       | 0.10            | mg/L |              |
| Copper           | <0.05       | 1.3             | mg/L |              |
| Fluoride         | <0.2        | 4               | mg/L |              |
| Iron             | 2.01        | 0.30            | mg/L |              |
| Lead             | <0.005      | 0.015           | mg/L |              |
| Magnesium        | 3           |                 | mg/L |              |
| Manganese        | 0.05        | 0.05            | mg/L |              |
| Mercury          | <0.0005     | 0.002           | mg/L |              |
| Nitrate          | <1          | 10.0            | mg/L |              |
| Nitrite          | <0.1        | 1.00            | mg/L |              |
| рН               | 4.3         |                 | N/A  |              |
| Selenium         | <0.005      | 0.05            | mg/L |              |
| Silver           | <0.05       | 0.10            | mg/L | 100000       |
| Sodium           | 3.9         |                 | mg/L |              |
| Sulfate          | 15.96       | 250             | mg/L |              |
| Total Alkalinity | <1          |                 | mg/L |              |
| Total Hardness   | 18          |                 | mg/L |              |
| Zinc             | 0.13        | 5.00            | mg/L |              |

Report Date: 09/06/2018

Reported By: Kenneth Greene



# Private Well Information and Use Recommendations

For Inorganic Chemical Contaminants

| <b>医毒素性皮肤性</b>   |   |  |  |  |                                   |                                  |                          |                                    |
|--|---|--|--|--|-----------------------------------|----------------------------------|--------------------------|------------------------------------|
| County   | 1101/1001                                   |  | Nam  | ne: Jenn   | ifer Tho                          | resen                            | عمر مح                   | 28334                              |
| Sample ID #: ES180878-0013 Reviewer: Andrew Currin, NEHS |   |  |  |  |                                   |                                  |                          |                                    |
|  |   |  |  |  |                                   |                                  |                          |                                    |
| have other w   | oking, washii<br>vater samplin              | eets federal drink<br>ng, cleaning, bath<br>g results that are       | ing water star<br>ning, and show<br>not taken into | ndards <i>for ino</i><br>wering based of<br>account in the | on the <i>inorgan</i> nis report. | cals. Your value of the chemical | <u>l results oi</u>      | <u>nly</u> . You may               |
| 2. The to  | ollowing subs                               | tance(s) exceeded  | d federal drinl                                    | king water sta   | indards or the                    | North Carol                      | lina 2L cal              | culated health                     |
| cooking, unl   | ess you insta                               | na Division of Pul<br>Il a water treatme                             | ent system to                                      | commends the<br>remove the ci                              | at your well w<br>reled substanc  | ater not be t                    | used for dr              | inking and                         |
| washing, cle   | aning, bathin                               | g and showering  | based on the                                       | inorganic ch   | emical results                    | only.                            | ver, it may              | be used for                        |
| Arsenic  | Barium                                      | Cadmium  |  |  |                                   |                                  |                          |                                    |
| Manganese  | Mercury                                     | Nitrate/Nitrite  | Chromium<br>Selenium                               | Copper<br>Silver   | Fluoride                          | Lead                             | Iron                     |                                    |
| manganese  | Wicicary                                    | TVILIALO/TVILITIC  | Scientini  | Silvei   | Magnesium                         | Zinc                             | pН                       |                                    |
| 20 mg/l. The diets not use the <i>inorgani</i> .         | this water for chemical relations over 30 m | g/l may pose aes   | Public Health king. It may the the tic problem     | recommends<br>be used for w<br>ms such as bac              | that only indivashing, cleaning   | viduals on neng, bathing,        | o or low so<br>and showe | odium restricted<br>ering based on |
| 4. Re-san  | apling is reco                              | mmended in   | m  | onths.   |                                   |                                  |                          |                                    |
| 5. Re-sam<br>the kitchen) a<br>lead and/or c             | and if possibl                              | and /or copper. The a first draw, 5 r                                | Take a first dra<br>ninute and a I                 | aw, 5 minute,<br>15 minute san                             | and 15 minute                     | e sample ins<br>I head to de     | side the hotermine the   | use (preferably e source of the    |
| cooking, was   | hing, cleanin<br>aste, odor, sta            | ance(s) exceeded<br>g, bathing, and sl<br>aining of porcelai<br>ems. | howering base                                      | ed on the <i>inor</i>                                      | ganic chemic                      | al results or                    | nlv. but aes             | sthetic problems                   |
|  | Bariu                                       | ım Cadmiui   | m Chromiu  | ım Fluorio   | de Iron                           | Magn                             | esium                    |                                    |
|  |   | ganese Selenium  |  | рН   | Zinc                              | Triagi                           | CSIGIII                  |                                    |
|  |   |  | •  |  | 1                                 |                                  |                          |                                    |

For more information regarding your well water results, please call the North Carolina Division of Public Health at 919-707-5900. The Environmental Protection Azery (EPA) considers Iron as a secondary contaminants which means it does not have a direct impact on health.

North Carolina State Laboratory of Public Health
Department of Health and Human Services
4312 District Dr. – P. O. Box 28047, Raleigh, NC 27607
Tel 919-733-7308 Fax 919-715-8611 MSC 1918

### **Private Well-Water Sample**

### **Full Panel**

|                          |  | Complete all items   | – please write  | e legibly.   | A  | ### ### ### ### ### ### ### ### ### ##   |  |
|--------------------------|--|--|-----------------|--|--|--|--|
| Well Identif Well Permit |  | >  |                 | Water  | source:  | New Well   |  |
| Nar<br>Physical Addre    | ne: <u>Jennifer</u> T  |  | turi e          | □ Comm   | unity/Municipa   | Other:   |  |
|                          | 20001  | ounty: Harnett   |                 | Type of s<br>Type of<br>treatmen   |  | Raw   Treated  |  |
| Sample Coll              | ection:  | 1  | *Report         | to EIN:  | TOTAL STATE OF THE |  |  |
| *Date: 🛆 🤊               | 127/208 *Time:   | 2:00 AN/PM   | EH Specialist   | t:   | Andres   | Corrin, NEHS   |  |
| Sampling point:          | Well Hea   |  | Health Depa     | rtment:  | Harnet   | Control of the Contro |  |
| Authorized agen          | t: A.C.  | en, nets   | Address:        |  |  | s Harnett Blud<br>Zip: 27546   |  |
| Analysis request:        |  |  |                 |  |  | Services and Servi |  |
|                          | romium Lead<br>pper Manganese  | Selenium Silver  | Nitrate/Nitrite | e control of the cont | Other reque<br>prior to samp   | est – contact laboratory<br>le submittal   |  |
| Barium Flu               | oride Magnesium  | Sodium   | Total Coliforn  | n/ <i>E. coli</i>  | □ Total/Solut  | ole Iron   |  |
| Cadmium Ha               | rdness (T) Mercury   | Zinc   | Territoria      |  | □ Other:   |  |  |
| Calcium Iro              | The state of the s | The state of the s |                 |  | Other.   |  |  |
|                          |  |  |                 |  |  |  |  |
| Laboratory               | Use Only:  |  | Sample I        | dentific   | ation Num  | bers:  |  |
| Date/Time:               |  | AM/PM  |                 |  |  | A   100  |  |
| Received by:             | The state of the s |  |                 |  | 100    | Second   S   |  |
| Delivered by:            | US Mail<br>Commercial courier  | NC Courier<br>Walk-in  |                 | Section   Sect   | The state of the s | and the second s |  |
| Temperature              | Nitrate/Nitrite (°C)   |  |                 |  | The second secon | Second Column   Second Colum   |  |
| upon receipt:            | Other Containers (°C)  | and the otherwal to  |                 | Section   Sect   |  | The state of the s |  |
|                          | and the self to the to the   | m com many tours to<br>inflicting and many in  | an charle       |  |  |  |  |

Mandatory North Carolina New Well Ordinance requires at a minimum testing for analytes in the Full Panel list,
Nitrate/Nitrite, and for Total Coliform/*E. coli* which is performed in the Environmental Sciences Microbiology Laboratory.
Other Microbiological analyses are listed on a separate sample submittal form.

\*Required fields. Samples may be rejected if this information is not included.

North Carolina State Laboratory of Public Health 4312 District Dr. – P. O. Box 28047, Raleigh, NC 27607 Tel 919-733-7308 Fax 919-715-8611 MSC 1918

### **Environmental Microbiology Private Well Water Sample**

Complete all items - please write legibly.

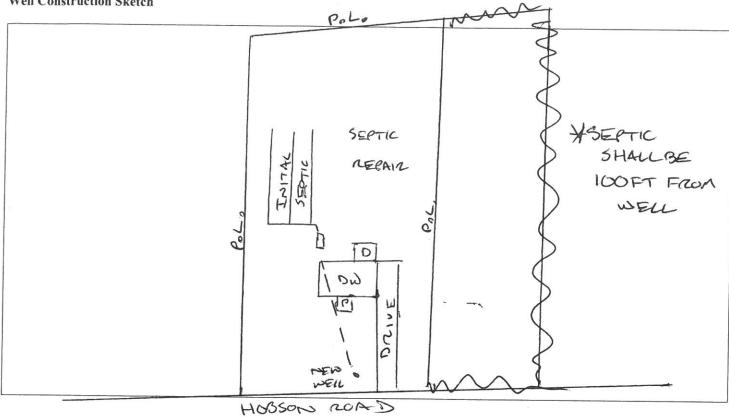
| MAZ-II V.I L'C'                                    |  | The second of the second of the second of |  |  |  |
|--|--|---|--|--|--|
| Well Identification:                               |  | Water Source:                             |  |  |  |
| W-II P   | 1   1   1   1   1   1   1   1   1   1  | Svicting Wall Walls Wall College          |  |  |  |
| Well Permit #:18-5-441                             |  | □ Existing Well □ New Well □ Other:       |  |  |  |
| Name: Jennifee 7                                   |  | Sample Collection:                        |  |  |  |
| Physical Address: 118 Hobson                       | Road   | *Date: 08/24/2018 *Time: 2:00 AM/RM       |  |  |  |
| City: Donn   |  | Sampling point: Well Head                 |  |  |  |
| Zip: 28334 County                                  | 1: Harnett   |   |  |  |  |
| GPS Location;                                      | William of the control of the contro | Collected by:                             | Column 1845  |  |  |
| *Report to EIN:                                    | entrombicadore reco  | Address: 304                              | W. Cornelius Harnett Blud  |  |  |
| EH Specialist: Andrew C                            | orrin meths  | City: Lill                                |  |  |  |
| Health Department: Harnest C                       |  | Zip: 27646                                | Phone: 9/0 893 7547  |  |  |
| Analysis Request - Check reques                    |  |   | <i>μο στο 40/7</i>   |  |  |
| Total-Coliform/E. coli , P/A                       | ☐ Enterococcus, MPN  | ben int. 1947 in 185                      | ☐ Iron Bacteria/Microscopic Exam   |  |  |
| ☐ Total Coliform/ E. coli , MPN ☐ Pseudomonas, MPN |  | 1   | ☐ Sulfur/Sulfate-Reducing Bacteria, P/A  |  |  |
| Fecal Coliform, MPN                                |  | Count, cfu/mL                             | ☐ New-Well repeat/follow-up  |  |  |
| ☐ Grade A Milk Program Sample                      | ☐ Other (contact labor   | atory prior to submittal):                |  |  |  |
|  | MPN = Most Probab  | le Number (quantitativ                    | ve result)   |  |  |
| Laboratory Use Only:                               |  | Sample Identifi                           | ication Numbers:   |  |  |
| Date/Time:   | AM/PM  |   | The state of the s |  |  |
| Received by:                                       |  | a DO GAS INDA SALE                        |  |  |  |
| Delivered by: US Mail                              | NC Courier   | Michigan (Balificania)                    |  |  |  |
| Commercial courier                                 | Walk-in  | 1   1   1   1   1   1   1   1   1   1     |  |  |  |
| Temperature upon receipt:                          |  |   |  |  |  |
| DPH Form 4128 (Edited April 2016) **R              | equired fields. Sa   | mple may be rejecte                       | ed if this information is not included.  |  |  |

## HARNETT DEPARTMENT OF PUBLIC HEALTH PERMIT TO CO FRUCT A DRINKING WATER SUPPLY LL

| PIN #: <u>1518-87-7376.0</u>   | 000 Parcel #: 021518 0140   | Application #: <u>18-5-44</u>       | 110 Subdiv              | ision:  | Lot #: 1                  |
|--|---|-------------------------------------|-------------------------|---|---------------------------|
| Applicant Name: Jenn<br>Address: 520 Zachary                                 | ifer Thoresen<br>Way Garner, NC 27529   |                                     |                         |   |                           |
| Type of Facility Served  | by Well: SFD  |                                     |                         |   |                           |
| Sewage System: 25% R   | teduction System  |                                     |                         |   |                           |
| Permit Conditions: Site  | e - 118 Hobson Road (SR 1712  | )                                   |                         |   |                           |
| <ul> <li>The permitted dr</li> </ul>   | upply well construction must n inking water supply well shall?  FION of the site of the site (inc | be located in accordance            | with the SITE PL        | AN nce) or modificatio  | n in use of the well, mag |
| Authorized State Agen  | t Umak  | Date_                               | 07/06/2018              | e.  |                           |
| Grouting Inspection W Grouting self-certifi                                  |   | Date                                | )                       |   |                           |
| See attachment for cons  | truction sketch   |                                     |                         |   |                           |
|  | WELI  | CERTIFICATE OF C                    | OMPLETION               |   |                           |
| Date: 07/19/18 Applie  | cation #:18-5-44110   | Well Contractor: Long               | w:11iford               |   |                           |
| Applicant Name: Jennif<br>Address: 520 Zachary V<br>Directions to Site: 1181 | Way Garner, NC 27529  |                                     | l nefere                | nce GW-1  |                           |
| Use of Well:<br>Static Water Level:<br>Disinfection: Type                    | Date Drilled: T Top of Casing is Amount   | otal Depth: in. above surface.      | Replacement Wel         | II? □ Yes □ N   | No                        |
| Water Zone (depth) From To From To From To                                   | Diameter:       N         From       N         Diameter:       N         From       To            | Material: Thickne Material: Thickne | ss:                     | Grout           From 0 To           Material:         N           From         To           Material:         N           From         To           Material:         N | Method:                   |
| Inspector:   | On Hold Date: R   | elease Date:                        |                         |   |                           |
| Remarks:   |   |                                     |                         |   |                           |
| Well ID Tag:   | bove finished grade) A Pump ID Tag: Sa No Well Head   | ampling Tap:                        | Vent Stack:<br>Backflow | v Preventer:  |                           |
| Remarks: Sample del  | ayed by applicant fill  | power siccessible                   |                         |   |                           |
| Authorized State Agent   | the there   | Com Date_                           | 08/03/18                |   |                           |

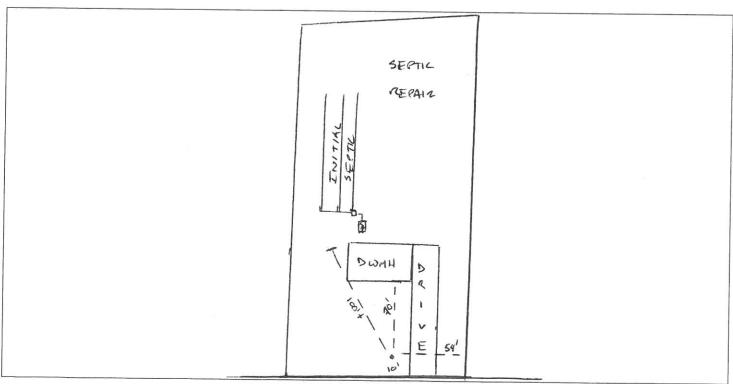
See Attachment for completion sketch

# Well Construction Sketch



51 1712

### **Well Completion Sketch**



HOBSON ROAD (SZ 1712)

| WELL CONSTRUCTION RECORD (W-1)  | CF- T-1 - 111 PO 1   |
|---|--|
| 1. Well Contractor Information:   | For Internal Use Only:   |
|   |  |
| Larry williford   | 14. WATER ZONE   |
| Well Contractor Name  | FROM TO DESCRIPTION  3 O n. 35 n. +an Sand   |
| 2863-A  | 30 n. 35 n. tan sand   |
| NC Well Contractor Certification Number   |  |
| Williford's Well Drilling   | 15. OUTER CASING (for multi-cased wells) OR LINER (if applicable) FROM TO DIAMETER THICKNESS MATERIAL  |
| Company Name  | - n. 30n. 2 in. 5CH40 PVC  |
| 10-5-44110  | 16. INNER CASING OR TUBING (geothermal closed-loop)  |
| 2. Well Construction Permit #: 10 3 7 1 10  List all opplicable well construction permits (i.e. UIC, County, State, Variance, etc.)                           | FROM TO DIAMETER THICKNESS MATERIAL  |
| 3. Well Use (check well use):   | fc. ft. in.  |
| Water Supply Well:  | 17. SCREEN   |
|   | FROM TO DIAMETER SLOT SIZE THICKNESS MATERIAL  |
|   | 30" 35" 2 " 1012 SCHYU PVC   |
| Geothermal (Heating/Cooling Supply) Residential Water Supply (single) Residential Water Supply (shared)   | ft. tn.  |
| Industrial/Commercial Residential Water Supply (shared)   | 16. GROUT  |
| Non-Water Supply Well:  | On 20 material EMPLACEMENT METHODE AMOUNT  |
| Monitoring Recovery   | 1. 20 th Bentonite Dour gravity  |
| Injection Well:   | 3-001B DA9)  |
| Aquifer Recharge Groundwater Remediation  | ft. ft.  |
| Aquifer Storage and Recovery Salinity Barrier   | 19. SAND/GRAVEL PACK (If applicable) FROM TO MATERIAL EMPLACEMENT METHOD   |
| Aquifer Test Stormwater Drainage  | 20 35 n. #2 Sand pourlarmity   |
| Experimental Technology Subsidence Control  | n fe   |
| Geothermal (Closed Loop)  | 20. DRILLING LOG (attach additional sheets if necessary)   |
| Geothermal (Heating/Cooling Return) Other (explain under #21 Remarks)   | FROM TO DESCRIPTION (color, hardness, soll/rock type, grain size, etc.)  |
|   | on 2 n topsail   |
| 4. Date Well(s) Completed: 7-19-18 Well ID#   | 2 " 1 " Sandy Clay   |
| 5a, Well Location:  | 7 " 26" tanclay  |
| Jennifer Thoresen   | 26" 30 " black clay.   |
| Facility/Owner Name Facility ID# (if applicable)  | 30 n. 35 n. tan sand   |
| 118 Hobson Rd Dunn NC 28334   | fi. ft.  |
| Physical Address, City, and Zip   | ft. ft.  |
| 11  | 2.0  |
|   | SECTION OF THE PROPERTY OF THE |
| County Parcel Identification No. (PIN)  |  |
| 5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:   |  |
| (if well field, one lat/long is sufficient)  35° 21.857  78° 36.020   | 22. Certification:   |
| 35 21.00 1 N 18 36.000 W  | Tana 1.1.11 April on 7-11-18   |
| 6. Is(are) the well(s) Permanent or Temporary   | Signature of Ceptified Well Contractor Date  |
| or refuse) the wents) is designment of Trembolary   | By signing this form, hereby certify that the well(s) was (were) constructed in accordance   |
| 7. Is this a repair to an existing well: Yes or So  | with 15A NCAC 02C . \$100 or 15A NCAC 02C . 0200 Well Construction Standards and that a  |
| If this is a repair, fill out known well construction information and explain the nature of the repair under #21 remarks section or on the back of this form. | copy of this record has been provided to the well owner.   |
| repear wheel App (ement) security or on the outer of sais form.   | 23. Site diagram of additional well details:   |
| 8. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same   | You may use the back of this page to provide additional well site details or well construction details. You may also attach additional pages if necessary.   |
| construction, only 1 GW-1 is needed. Indicate TOTAL NUMBER of wells drilled:  |  |
| 255+  | SUBMITTAL INSTRUCTIONS   |
| 9. Total well depth below land surface: 5 / (ft.)  For multiple wells list all depths if different (example-3@200' and 2@100')                                | 24a. For All Wells: Submit this form within 30 days of completion of well  |
| 10 Static water level below top of enclose /5   | construction to the following:   |
| Ac. State water level below top of casing   | Division of Water Resources, Information Processing Unit,  |
| If water level is above casing, use "+"   | 1617 Mail Service Center, Raleigh, NC 27699-1617   |
| 11. Borehole diameter: (in.)  | 24b. For Injection Wells: In addition to sending the form to the address in 24a  |
| 12. Well construction method: Mud rotary  | above, also submit one copy of this form within 30 days of completion of well construction to the following:   |
| (i.e. auger, rotary, cable, direct push, etc.)  |  |
| FOR WATER SUPPLY WELLS ONLY:  | Division of Water Resources, Underground Injection Control Program,  |
| 12  | 1636 Mail Service Center, Raleigh, NC 27699-1636   |
| ASA: X (etd (gpm) (vietnod o) test:   | 24t. For Water Symply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of   |
| 13b. Disinfection type: HTH Amount: 14 Cup  | completion of well construction to the county health department of the county  |
|   | where constructed.   |