

**Municipal
Services**

SITE PLANNING/SUBDIVISIONS



**Engineering
Company, P.A.**

SUBSURFACE UTILITY ENGINEERING (SUE)

November 2, 2009

Mr. Brian Wootton, Hydrogeologist
Solid Waste Section
Division of Waste Management
North Carolina Department of Natural Resources
401 Oberlin Road, Suite 150
Raleigh, North Carolina 27605

Re: Water Supply Well Abandonment Record
City of Albemarle Closed C&D/MSWLF
Stanly County, NC
Permit No. 84-01



Mr. Wootton,

Please find attached the well abandonment record for the water supply well that formerly was used at the site. The water supply well was abandoned on October 2, 2009. Please contact us at (919) 772-5393 if you have any questions regarding this matter or require additional information.

Sincerely yours,
MUNICIPAL ENGINEERING SERVICES CO., P.A.

Sean K. Patrick, PG
Project Manager/Hydrogeologist

Attachments



WELL ABANDONMENT RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION #2663

1. WELL CONTRACTOR:

Derry L Huneycutt

Well Contractor (Individual) Name

Derry's Well Drilling Inc.

Well Contractor Company Name

STREET ADDRESS 44283-A NC 24-27-73

Albemarle NC 28002

City or Town State Zip Code

(704) - 982-9070

Area code - Phone number

2. WELL INFORMATION:

SITE WELL ID # (if applicable) Shop

STATE WELL PERMIT # (if applicable) _____

COUNTY WELL PERMIT # (if applicable) Tax Rec #27974

DWQ or OTHER PERMIT # (if applicable) _____

WELL USE (Check applicable use): Monitoring Residential

Municipal/Public Industrial/Commercial Agricultural

Recovery Injection Irrigation

Other (list use) Washing & Bathroom at Maint. Shop

3. WELL LOCATION:

COUNTY Stanley QUADRANGLE NAME Albemarle

NEAREST TOWN: Albemarle

40592-B Stony Gap Road 28002

(Street/Road Name, Number, Community, Subdivision, Lot No., Parcel, Zip Code)

TOPOGRAPHIC / LAND SETTING:

Slope Valley Flat Ridge Other

(Check appropriate setting)

LATITUDE 35 18 19.4081

LONGITUDE 80 08 3.7587

May be in degrees, minutes, seconds, or in a decimal format

Latitude/longitude source: GPS Topographic map

(Location of well must be shown on a USGS topo map and attached to this form if not using GPS.)

4a. FACILITY - The name of the business where the well is located. Complete 4a and 4b. (If a residential well, skip 4a; complete 4b, well owner information only.)

FACILITY ID # (if applicable) _____

NAME OF FACILITY City of Albemarle MSWLF

STREET ADDRESS 40592-B Stony Gap Road

Albemarle NC 28002

City or Town State Zip Code

4b. CONTACT PERSON/WELL OWNER:

NAME Mr. Mike Lambert (Public Works Director)

STREET ADDRESS PO Box 190 Albemarle NC 28002

5. WELL DETAILS:

a. Total Depth: 305 ft. Diameter: 6 in.

b. Water Level (Below Measuring Point): 50 ft.

Measuring point is 1 ft. above land surface.

6. CASING:

Length Diameter

a. Casing Depth (if known): 47 ft. 6 5/8 in.

b. Casing Removed: 1.5 ft. 6 5/8 in.

7. DISINFECTION: 1 lb granular

(Amount of 65%-75% calcium hypochlorite used)

8. SEALING MATERIAL:

Neat Cement

Sand Cement

Cement 94 lb.
Water 6 gal.

Cement _____ lb.
Water _____ gal.

Bentonite

Bentonite 150 lb.

Type: Slurry Pellets

Water 78 gal.

Other

Type material Concrete Grout 2500 PSI

Amount 2 yards-7,200 lbs w/ 52 gal water

9. EXPLAIN METHOD OF EMPLACEMENT OF MATERIAL:

Gravity filled 305' to 58' w/ concrete utilizing 300' air relief hose. Pressure tremie grouted bentonite slurry from 58' up to 4'. Gravity with neat cement 0 to 4'.

10. WELL DIAGRAM: Draw a detailed sketch of the well on the back of this form showing total depth, depth and diameter of screens (if any) remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.

11. DATE WELL ABANDONED 10/2/09

I DO HEREBY CERTIFY THAT THIS WELL WAS ABANDONED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR

10/13/09
DATE

SIGNATURE OF PRIVATE WELL OWNER ABANDONING THE WELL DATE
(The private well owner must be an individual who personally abandons his/her residential well in accordance with 15A NCAC 2C .0113.)

Derry L Huneycutt

PRINTED NAME OF PERSON ABANDONING THE WELL

