CC BOA 02280

FEE: 100.00
DATE: 8/9/07
CRT I 1
SJC

**APPLICATION FOR APPROVAL TO USE AN EXISTING ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM**
**MECKLENBURG COUNTY - GROUNDWATER & WASTEWATER SERVICES**
700 N. Tryon St., Suite 211 Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894

GWS – UES.APP 06/07

FILE #: 7266B

**TYPE APPLCATION:** ID 2593 - CS

- ☐ ADDITION - INCREASE ROOMS/OCCUPANCY/MOBILE HOME SIZE (A / M)
- ☑ ADDITION - RENOVATION OR GARAGE WITH NO MAJOR CHANGES (X)
- ☐ EXCHANGE MOBILE HOME - SAME # BEDROOMS (Y)
- ☐ COMMERCIAL OR INDUSTRIAL (N)

**PERSON FILING APPLICATION:**
NAME: MIKE PETERS
ADDRESS: 17313 CROSSHAVEN DR
CITY: CHARLOTTE
STATE: NC ZIP: 28278
PHONE: 704-587-7383
ALTERNATE PHONE: 704-309-9589

**PROPERTY OWNER:**
NAME: SAME
ADDRESS:
CITY:
STATE: ZIP:
PHONE:
ALTERNATE PHONE:

PF#247001 LD 8/31/07

**JOB LOCATION INFORMATION**
**TAX/PARCEL #:** 21735114
**STREET ADDRESS:** 17313 CROSSHAVEN DR
**CITY:** CHARLOTTE
**STATE:** NC **ZIP:** 28278
**SUBDIVISION OR MOBILE HOME PARK NAME:**
**LOT #:** 13A SEC 4.3

**TOWNSHIP:**
- ☑ 0-MECKLENBURG
- ☐ 1-CHARLOTTE
- ☐ 2-DAVIDSON
- ☐ 3-CORNELIUS
- ☐ 4-PINEVILLE
- ☐ 5-MATTHEWS
- ☐ 6-HUNTERSVILLE
- ☐ 7-MINT HILL

**WATER SUPPLY:**
☐ MUNICIPAL (M) ☐ COMMUNITY (C) ☑ PRIVATE WELL (P) ☐ SHARED WELL (S) ☐ OTHER 'SPRINGS' (O)

**RESIDENTIAL PROPERTY TYPE:**
☑ HOUSE (H) ☐ MODULAR HOME (M) ☐ MULTIPLE FAMILY (U)
☐ SINGLE MOBILE HOME (S) ☐ DOUBLE WIDE (D)
☐ OTHER (O)

**OCCUPANCY (both fields are required):**
NUMBER OF BEDROOMS: 2
NUMBER OF OCCUPANTS: 2

**COMMERCIAL / INDUSTRIAL PROPERTY TYPE:**
TYPE OF BUSINESS:
# EMPLOYEES PER SHIFT:
# OF SHIFTS:
INDUSTRIAL WASTES? ☐ YES ☐ NO
UNDERGROUND STORAGE TANKS? ☐ YES ☐ NO

**ADDITION TYPE ATTACHED TO EXISTING STRUCTURE:**
☐ BEDROOM ☐ BATHROOM ☐ KITCHEN ☐ DINING ROOM ☐ LIVING ROOM ☐ DEN
☐ GARAGE ☐ SUNROOM ☐ PORCH ☐ DECK ☐ OTHER

**ADDITION TYPE DETACHED FROM EXISTING STRUCTURE:**
☑ DETACHED GARAGE ☐ DETACHED GARAGE WITH PLUMBING ☐ POOL HOUSE ☐ SHOP ☐ BARN
☐ STORAGE SHED ☐ DETACHED PORCH / DECK ☐ OTHER

*The undersigned, owner, or legal agent for the owner, of the property described above as the "Job Location" has read the foregoing application, acknowledges that the contents of same are true, and authorizes the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

Owner's/Agent's Signature — Date: 8/9/07

*The undersigned, an authorized agent of the Mecklenburg County Health Department, certifies that the Department has approved the Request for the Job Location contained in this document. This approval is granted in accordance with the provisions of Laws and Rules for Sanitary Sewage Collection, Treatment and Disposal in effect at the time of issuance of the permit and is subject to the following provisions:

- No work shall be conducted on the septic tank system until an installation, construction, alteration and/or repair approval is granted y this Department.
- This permit is not transferable.

☐ ADDITION / RENOVATION APPROVAL - VALID 1 YEAR FROM ISSUANCE
☐ MOBILE HOME EXCHANGE APPROVAL - VALID 6 MONTHS FROM ISSUANCE

OK TO USE EXISTING SYSTEM

EHS Signature — Date: 8/31/07

*MECKLENBURG COUNTY*
*LAND USE AND ENVIRONMENTAL SERVICES*
*Payment Receipt*

**Receipt Information**

**Date:** 08/09/07
**Receipt #:** 52167
**Check / Auth #:** VISA 02200A
**Received By:** CRAIGGY

**Amount:** 100.00
**Tendered:** 0.00
**Returned:** 0.00

**Account Information**

**Account #:** 200000
**Contractor:** PETERS MICHAEL D
**Attn:**
**Address:** 14313 CROSSHAVEN DRIVE
**Address:**
**City/State/Zip:** CHARLOTTE, NC 28278

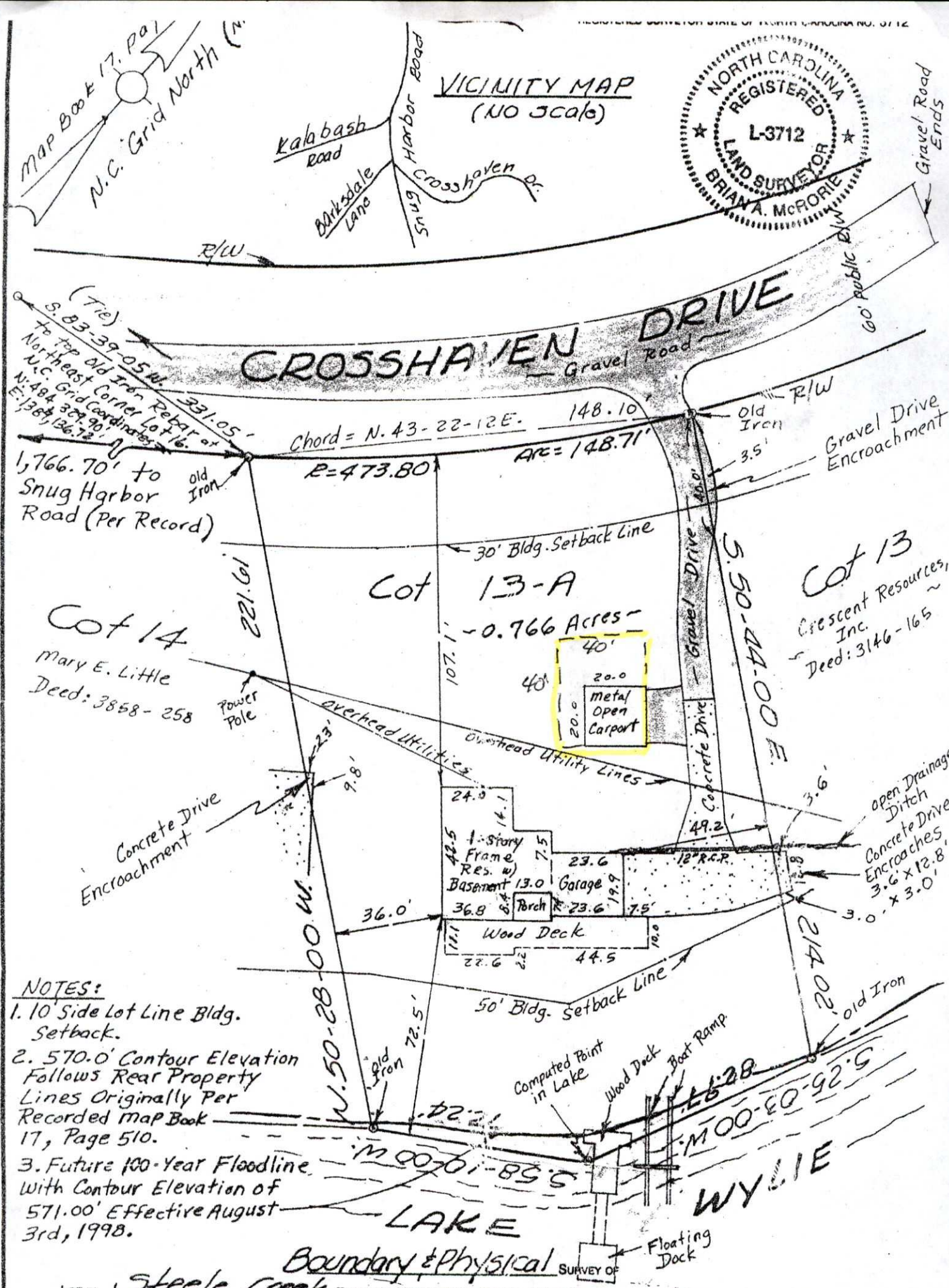
| Item | Description | Permit# | Quantity | Unit Price | Total Price |
|---|---|---|---|---|---|
| 0705 | MH Exc/Add/Repl w/o System Mod<br>17313 CROSSHAVEN DR | | 1 | 100.00 | 100.00 |

----------Outstanding Balances----------

| Month-To-Date | Prior Month | 30 Days | 60 Days | 90 Days | Balance |
|---|---|---|---|---|---|

---

REGISTERED SURVEYOR STATE OF NORTH CAROLINA NO. 3712




NOTES:

1. 10' Side Lot Line Bldg. Setback.
2. 570.0' Contour Elevation Follows Rear Property Lines Originally Per Recorded Map Book 17, Page 510.
3. Future 100-Year Floodline With Contour Elevation of 571.00' Effective August 3rd, 1998.

Boundary & Physical SURVEY OF

LOT IN Steele Creek TOWNSHIP MECKLENBURG COUNTY, NORTH CAROLINA IN THE CITY OF ____

ON Crosshaven Dr. HOUSE NO. 17313 SHOWN AS LOT NO. 13-A IN BLOCK NO. Section 43

File # 7266B

COPY

| FILE COPY | |
|---|---|
| FILED FOR REGISTRATION | DOC. # 779163 |
| DATE 8/29/07 | TIME 2:22 |
| BOOK 22739 | PAGE 540 |
| STAMPS -0- | REC FEE |
| JUDITH A. GIBSON, REGISTER OF DEEDS MECKLENBURG COUNTY, NC | |

Drawn by: Mecklenburg County
Mail to: Brenda and Michael Peters
17313 Crosshaven Drive
Charlotte, NC 28278

# MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Water & Land Resources

## Notice of Well Variance

Mecklenburg County Groundwater & Wastewater Services has reviewed information submitted by Michael and Brenda Peters for the well located at 17313 Crosshaven Drive, Charlotte, NC. Mr. and Mrs. Peters are seeking a variance from Chapter II, Section IV (A) 4 which requires additions to maintain a minimum separation distance of 25 feet between building foundations and existing water supply wells. The requested separation distance is fifteen feet.

The 25 foot separation required between a well and an addition is consistent with the separation requirements for new well construction. The requirements are necessary to protect public health. Wells located less than 25 feet from a building foundation have an increased susceptibility to contamination.

The variance is approved with the following conditions:

The water supply well shall be tested prior to construction and annually thereafter. The sample will be collected by the Mecklenburg County Groundwater and Wastewater Services and analyzed for the following parameters:

bacteria, pH, hardness, lead, arsenic, iron, manganese, copper, zinc, calcium, magnesium, alkalinity, chloride, fluoride, silver, acidity, barium, cadmium mercury, manganese, sodium selenium total dissolved solids and nitrates/nitrites.

The cost for sample collection and analysis is the responsibility of the property owner and will be paid to GWS prior to construction and between January 1 and January 31 of each year thereafter. The cost as of August 29, 2007 is $65.00. The annual cost of the sample collection and analysis may change but will be the current cost available to the public through the Mecklenburg County Health Department at the time of sampling.

If the water from the water supply well is determined to contain a contaminant(s) the water must be treated to remove the contaminant(s) of concern, such that the water would be considered potable, for as long as the raw water contains the contaminant of concern. Otherwise the well will be permanently abandoned.

If the water supply well is determined to contain a contaminant above the Mecklenburg County Groundwater Quality Standards Chapter V, Mecklenburg County will notify the North Carolina Department of Natural Resources (NCDENR) of the groundwater quality violation.

The variance conditions must be disclosed to any and all prospective buyers of the property and the requirements will carry over with the sale of the property.

The Notice must be notarized and recorded with the register of deeds prior to construction.

North Carolina

Mecklenburg COUNTY

I, Sherrie Benson, a Notary Public for said County and State, do hereby certify that Brenda R + Michael D Peden, personally came before me this day and acknowledged that he is the owner of 17313 Crosshaven Drive, Charlotte, NC and acknowledge the due execution of the foregoing instrument.

WITNESS my hand and official seal, this the 29th day of August, 2007.

Sherrie Benson
Notary Public (signature)

My commission expires 03/01/2009.

SHERRIE BENSON NOTARY PUBLIC CABARRUS COUNTY, N.C.

MECKLENBURG CO REG OF DEEDS
720 EAST FOURTH STREET
CHARLOTTE, NC 28202
(704)336-2443

ISSUED TO:
BRENDA PETERS - ERNEST

RECEIPT # 1189608
DATE 08/29/2007

| TIME | BOOK | PAGE | FEE |
|---|---|---|---|
| 02:22 PM | 22739 | 540 | 2007179163 |
| NOTICE OF INTENT | | | 17.00 |
| Total Amount Due | | | $17.00 |
| CHECK 2162 | | | 17.00 |
| Total Payments: | | | $17.00 |

THANK YOU
JUDITH A. GIBSON
REGISTER OF DEEDS
Deputy: JONESAW

Initial compliance sample for
Well Setback Variance.

File# 7266B

# *Should I Have My Water Tested?*

***WATER IS ESSENTIAL FOR LIFE***

Doctors recommend that we drink at least 8 glasses of water a day. That's about 4 gallons a week or 200 gallons a year. Many of us take our water for granted and never consider testing it to be sure it is safe. It may be that some of us are afraid to have our water tested because we are not sure of what may be found. Fortunately, many problems that can occur with private wells and drinking water have solutions.

***WELL CONSTRUCTION IS IMPORTANT IN PROTECTING YOUR DRINKING WATER***

As of January 1st 2005 Mecklenburg County now has a Groundwater Well Regulation that includes the inspection of private wells. This means that **BEFORE** you have a new well drilled, a permit application needs to be submitted and approved by our department to ensure that your well construction meets specified standards and that the water is safe for you and your family. In addition, certain repair work to existing wells requires a permit. Only a North Carolina Certified Well Contractor can legally install or repair wells in Mecklenburg County.

***WHEN SHOULD I TEST MY WATER?***

GWS recommends private well owners test their water for bacterial contamination every year. In addition, the water can be tested for a variety of inorganic, mineral and toxic metals, pesticides and volatile and semi-volatile organic chemicals. If you notice any change in your water, it should be tested. GWS also recommends you have your water tested after any repair work is done to a well. A new well will be tested as part of the inspection and the cost is included in the permit fees. If you haven't had your water tested in the past year, ***NOW*** is a good time to test your well water.

***PUBLIC WATER? SHOULD I TEST THE WATER?***

If you drink water from a community or municipal water source, your water is tested on a regular basis. Generally, public water suppliers do not take water samples from individual residences. There is a chance that lead and other metals from the plumbing in the house can end up in your water. Public water suppliers are not responsible for testing the water from inside your home, therefore a periodic baseline sample from your home is recommended.

***THE MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES (GWS) OFFERS:***

⇒ The Information and results are unbiased and accurate!
⇒ Collection of the samples from your home and delivery to a state certified laboratory that will conduct the analyses
⇒ More than 40 types of water tests are available
⇒ Health risk assessments & consultation if any problems are found
⇒ No sales pressure! PUBLIC HEALTH is our business!

---

**APPLICATION FOR TESTING YOUR WATER**

Name Brenda & Mike Pellens

Daytime Phone 704/488-1431 // 704/309-9589

Site Address 17313 Crosshaven Dr CLT NC 28278

Mailing Address if different from site address _____

*Please test my water for:*

[✓] Inorganic Analysis (includes: bacteria, pH, hardness, lead, arsenic, iron, manganese, copper, zinc, calcium, magnesium, alkalinity, chloride, fluoride, silver, acidity, barium, cadmium, mercury, manganese, sodium, selenium, total dissolved solids) $50.00

[✓] Nitrates & Nitrites $15.00

[ ] Pesticides / VOCs / Semi-VOCs $200.00

Is there a working spigot on the outside of the house? [✓]Yes [ ]No

Are there any dogs at the property? [ ]Yes [✓]No

*(If dogs are present they must be restrained at the time of sampling.)*

*Please include a check made payable to the Mecklenburg County Health Department and mail to:*

Mecklenburg County - LUESA
Groundwater & Wastewater Services
700 North Tryon Street, Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894
http://groundwater.charmeck.org

07/11/12

# MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Water & Land Resources

August 23, 2007

Michael and Brenda Peters
17313 Crosshaven Dr.
Charlotte, NC 28278

Re: Request for Variance
17313 Crosshaven Dr.
Tax Parcel # 217-351-14
File # 7266B

COPY

Dear Mr. and Mrs. Peters:

Mecklenburg County Groundwater & Wastewater Services (GWS) has reviewed information submitted by you seeking a variance to construction standards for water supply wells. Specifically, you are seeking a variance from Chapter II, Section IV (A) 4 which states:

> "Separation distances as required in Section IV (A) 2 or Section IV (A) 3 of this Chapter apply to all additions. Additions of a type not covered by Section IV (A) 2 or Section IV (A) 3 of this Chapter shall be located the maximum distance possible from any existing water supply well but shall in no case be less than 25 feet."

Based on the information you submitted and a site review conducted by GWS, the requested separation distance is fifteen feet.

Based on this information the variance will be approved with the following conditions:

The water supply well shall be tested prior to construction of the encroaching addition and annually thereafter. The sample will be collected by GWS and analyzed for the following parameters:

> bacteria, pH, hardness, lead, arsenic, iron, manganese, copper, zinc, calcium, magnesium, alkalinity, chloride, fluoride, nitrates/nitrites, pesticides, volatile organic compounds and semi-volatile organic compounds.

The cost for sample collection and analysis is the responsibility of the property owner and will be paid to GWS prior to construction and between January 1 and January 31 of each year thereafter. The cost as of August 23, 2007 is $265.00. The annual cost of the sample collection and analysis may change but will be the current cost available to the public through the Mecklenburg County Health Department at the time of sampling.

If the water from the water supply well is determined to contain a contaminant(s) the water must be treated to remove the contaminant(s) of concern, such that the water would be considered potable, for as long as the raw water contains the contaminant-of-concern. Otherwise the well shall be permanently abandoned.

If the water supply well is determined to contain a contaminant above the Mecklenburg County Groundwater Well Regulations, Chapter V, Groundwater Quality Standards, GWS will notify the North Carolina Department of Natural Resources (NCDENR) of the groundwater quality violation.

The variance conditions must be disclosed to any prospective buyers of the property.

The attached Notice of Well Variance must be notarized and recorded with the register of deeds prior to construction. A copy of the recorded Notice must be provided to GWS.

Please do not hesitate to contact me at 704-336-5438 if you have any questions.

Sincerely,

COPY

Jack L. Stutts, PG, RSI
Environmental Supervisor
Groundwater & Wastewater Services

Attachment

# MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Water & Land Resources

## Notice of Well Variance

Mecklenburg County Groundwater & Wastewater Services has reviewed information submitted by Michael and Brenda Peters for the well located at 17313 Crosshaven Drive, Charlotte, NC. Mr. and Mrs. Peters are seeking a variance from Chapter II, Section IV (A) 4 which requires additions to maintain a minimum separation distance of 25 feet between building foundations and existing water supply wells. The requested separation distance is fifteen feet.

The 25 foot separation required between a well and an addition is consistent with the separation requirements for new well construction. The requirements are necessary to protect public health. Wells located less than 25 feet from a building foundation have an increased susceptibility to contamination.

COPY

The variance is approved with the following conditions:

The water supply well shall be tested prior to construction and annually thereafter. The sample will be collected by the Mecklenburg County Groundwater and Wastewater Services and analyzed for the following parameters:

> bacteria, pH, hardness, lead, arsenic, iron, manganese, copper, zinc, calcium, magnesium, alkalinity, chloride, fluoride, nitrates/nitrites, pesticides, volatile organic compounds, and semi-volatile organic compounds.

The cost for the sample collection and analysis will be the responsibility of the property owner and will be paid to Mecklenburg County Groundwater & Wastewater Services prior to construction and between January 1 and January 31 of each year there after. The cost as of August 23, 2007 is $265.00. The annual cost of the sample collection and analysis may change but will be the current cost available to the public through the Mecklenburg County Health Department.

If the water from the water supply well is determined to contain a contaminant(s) the water must be treated to remove the contaminant(s) of concern, such that the water would be considered potable, for as long as the raw water contains the contaminant of concern. Otherwise the well will be permanently abandoned.

If the water supply well is determined to contain a contaminant above the Mecklenburg County Groundwater Quality Standards Chapter V, Mecklenburg County will notify the North Carolina Department of Natural Resources (NCDENR) of the groundwater quality violation.

The variance conditions must be disclosed to any and all prospective buyers of the property and the requirements will carry over with the sale of the property.

The Notice must be notarized and recorded with the register of deeds prior to construction.

North Carolina

_____ COUNTY

COPY

I, _____, a Notary Public for said County and State, do hereby certify that _____personally came before me this day and acknowledged that he is the owner of 17313 Crosshaven Drive, Charlotte, NC and acknowledge the due execution of the foregoing instrument.

WITNESS my hand and official seal, this the ___ day of _____, 2007.

_____
Notary Public (signature)

My commission expires _____, 200__.

217-351-14

Mike Peters
17313 Crosshaven Dr
Charlotte NC 28278
704-309-9589

Mecklenburg County Government
Attn: Jack Stutts

Request For Variance

I would like to request a variance to locate an open carport within the 25 foot setback from a well to a 15 foot setback. Attached is a survey showing the proposed loation for the structure.

Thank You,
Mike Peters

CHARLOTTE
CHARLOTTE-MECKLENBURG UTILITIES

**Laboratory Analysis Report**
Report Date: 9/12/2007 10:28 AM

## LABORATORY SERVICES DIVISION

LOCATION: GWO-74369
LOC ID: G-PRIV
SAMPLE DATE-TIME: 9/5/2007 13:45 CHAIN OF CUSTODY #: 070905144829
SAMPLE DESCRIPTION: Grab
17313 Crosshaven Dr 28278 Filter 7266B

| Parameter | Result | Units | RL | Method | Start Date/ | Time | Analyst |
|---|---|---|---|---|---|---|---|
| **AC34356 E. COLI-PA** | **Absent** | **P/A** | | SM 9223B | 9/6/2007 | 10:00 | SLT |
| **AC34356 Total Coliform- P/A** | **Present** | **P/A** | | SM 9223B | 9/6/2007 | 10:00 | SLT |

Comment:

Laboratory Supervisor: _____

Laboratory Certifications: McAlpine NC DENR No.148; Brookshire NC DENR No.162; Hal Marshall N.C. DENR No. 192, N.C. DHHS Laboratory No. 37527

CHARLOTTE.
CHARLOTTE-MECKLENBURG UTILITIES

**Laboratory Analysis Report**
Report Date: 9/24/2007 04:01 PM

## LABORATORY SERVICES DIVISION

LOCATION: GWO-74453
LOC ID: G-PRIV
SAMPLE DATE-TIME: 9/18/2007 9:30 CHAIN OF CUSTODY #: 070918103337
SAMPLE DESCRIPTION: Grab

| Parameter | Result | Units | RL | Method | Start Date/ | Time | Analyst |
|---|---|---|---|---|---|---|---|
| **AC36154 E. COLI-PA** | **Absent** | **P/A** | | SM 9223B | 9/18/2007 | 14:15 | MKV |
| **AC36154 Total Coliform- P/A** | **Absent** | **P/A** | | SM 9223B | 9/18/2007 | 14:15 | MKV |

Comment:

Laboratory Supervisor: Eric W. Arnold

Laboratory Certifications: McAlpine NC DENR No.148; Brookshire NC DENR No.162; Hal Marshall N.C. DENR No. 192, N.C. DHHS Laboratory No. 37527

CHARLOTTE
CHARLOTTE-MECKLENBURG UTILITIES

**Laboratory Analysis Report**
Report Date: 9/7/2007 12:07 PM

## LABORATORY SERVICES DIVISION

LOCATION: GWO-74369
LOC ID: G-PRIV
SAMPLE DATE-TIME: 9/5/2007 13:45
CHAIN OF CUSTODY #: 070905144736
SAMPLE DESCRIPTION: Grab

| Parameter | Result | Units | RL | Method | Start Date/ | Time | Analyst |
|---|---|---|---|---|---|---|---|
| **AC34355 NITRATE** | **0.26** | **mg/L** | 0.05 | EPA 353.2 | 9/5/2007 | 15:16 | MKV |
| **AC34355 NITRATE/NITRITE** | **0.26** | **mg/L** | 0.05 | EPA 353.2 | 9/5/2007 | 16:02 | MKV |
| **AC34355 NITRITE** | **<0.05** | **mg/L** | 0.05 | EPA 353.2 | 9/5/2007 | 15:16 | MKV |

Comment:

Laboratory Supervisor: _____

Laboratory Certifications: McAlpine NC DENR No.148; Brookshire NC DENR No.162; Hal Marshall N.C. DENR No. 192, N.C. DHHS Laboratory No. 37527

Close Print

North Carolina State Laboratory of Public Health
Department of Health and Human Services
P.O. Box 28047 -- 306 N. Wilmington St. -- Raleigh, NC 27611-8047

## INORGANIC CHEMICAL ANALYSIS

**Name of System:** GWO-74369
**Address:** 17313 Crosshaven Drive
Charlotte, NC 28278

**Source of Water:** Ground
**Source of Sample:**
**Type of Sample:** Raw
**Type of Treatment:** None
**Type of Analysis:** Private

**County:** MECKLENB
**Report To:** Mecklenburg Co. Env. Health
700 North Tryon Street
Charlotte, NC 28202

**Attn:**
(704) 336-5101
**Courier:** 05-16-21

**Collected By:** DEBRA HOWELL **Date:** 9/5/2007 **Time:** 1:45:00 PM
**Location of Sampling Point:** Outdoor Spigot
**Remarks:**

| Parameters | Test Results Results | Units | Date Analyzed |
|---|---|---|---|
| Acidity as CaCO3 | 9 | mg/l | 9/6/2007 |
| Alkalinity as CaCO3 | 215 | mg/l | 9/6/2007 |
| Arsenic | <0.001 | mg/l | 9/6/2007 |
| Barium | <0.1 | mg/l | 9/6/2007 |
| Cadmium | <0.001 | mg/l | 9/6/2007 |
| Calcium | 106.0 | mg/l | 9/6/2007 |
| Chloride IC | 11 | mg/l | 9/6/2007 |
| Chromium | <0.01 | mg/l | 9/6/2007 |
| Copper | <0.05 | mg/l | 9/6/2007 |
| Fluoride | 0.79 | mg/l | 9/6/2007 |
| Hardness as CaCO3 (Ca,Mg) | 278 | mg/l | 9/6/2007 |
| Iron | <0.10 | mg/l | 9/6/2007 |
| Lead | <0.005 | mg/l | 9/6/2007 |
| Magnesium | 3.2 | mg/l | 9/6/2007 |
| Manganese | 0.73 | mg/l | 9/6/2007 |
| Mercury | <0.0005 | mg/l | 9/6/2007 |
| pH | 7.4 | Std. unit | 9/6/2007 |
| Selenium | <0.005 | mg/l | 9/6/2007 |
| Silver | <0.05 | mg/l | 9/6/2007 |
| Sodium | 7 | mg/l | 9/6/2007 |
| Total Dissolved Solids | 372 | mg/l | 9/6/2007 |
| Zinc | <0.05 | mg/l | 9/6/2007 |

**Date Received:** 9/6/2007 **Report Date:** 9/20/2007 **Reported By:**
**Today's Date:** 9/27/2007 **Ref:** 12628 **Login Batch:** 07090008 **Sample Number:** AB61987

File # 7266B

COPY

| FILE COPY | |
|---|---|
| FILED FOR REGISTRATION | DOC. # 7179163 |
| DATE 8/29/07 | TIME 2:28 |
| BOOK 22734 | PAGE 540 |
| STAMPS -0- | REC FEE |
| JUDITH A. GIBSON, REGISTER OF DEEDS MECKLENBURG COUNTY, NC | |

Drawn by: Mecklenburg County
Mail to: Brenda and Michael Peters
17313 Crosshaven Drive
Charlotte, NC 28278

# MECKLENBURG COUNTY

Land Use & Environmental Services Agency
Water & Land Resources

## Notice of Well Variance

Mecklenburg County Groundwater & Wastewater Services has reviewed information submitted by Michael and Brenda Peters for the well located at 17313 Crosshaven Drive, Charlotte, NC. Mr. and Mrs. Peters are seeking a variance from Chapter II, Section IV (A) 4 which requires additions to maintain a minimum separation distance of 25 feet between building foundations and existing water supply wells. The requested separation distance is fifteen feet.

The 25 foot separation required between a well and an addition is consistent with the separation requirements for new well construction. The requirements are necessary to protect public health. Wells located less than 25 feet from a building foundation have an increased susceptibility to contamination.

The variance is approved with the following conditions:

The water supply well shall be tested prior to construction and annually thereafter. The sample will be collected by the Mecklenburg County Groundwater and Wastewater Services and analyzed for the following parameters:

bacteria, pH, hardness, lead, arsenic, iron, manganese, copper, zinc, calcium, magnesium, alkalinity, chloride, fluoride, silver, acidity, barium, cadmium mercury, manganese, sodium selenium total dissolved solids and nitrates/nitrites.

The cost for sample collection and analysis is the responsibility of the property owner and will be paid to GWS prior to construction and between January 1 and January 31 of each year thereafter. The cost as of August 29, 2007 is $65.00. The annual cost of the sample collection and analysis may change but will be the current cost available to the public through the Mecklenburg County Health Department at the time of sampling.

If the water from the water supply well is determined to contain a contaminant(s) the water must be treated to remove the contaminant(s) of concern, such that the water would be considered potable, for as long as the raw water contains the contaminant of concern. Otherwise the well will be permanently abandoned.

If the water supply well is determined to contain a contaminant above the Mecklenburg County Groundwater Quality Standards Chapter V, Mecklenburg County will notify the North Carolina Department of Natural Resources (NCDENR) of the groundwater quality violation.

The variance conditions must be disclosed to any and all prospective buyers of the property and the requirements will carry over with the sale of the property.

The Notice must be notarized and recorded with the register of deeds prior to construction.

North Carolina

Mecklenburg COUNTY

I, Sherrie Benson, a Notary Public for said County and State, do hereby certify that Brendan + Michael Sheets, personally came before me this day and acknowledged that he is the owner of 17313 Crosshaven Drive, Charlotte, NC and acknowledge the due execution of the foregoing instrument.

WITNESS my hand and official seal, this the 24th day of August, 2007.

Sherrie Benson
Notary Public (signature)

My commission expires 03/01/2009,

SHERRIE BENSON NOTARY PUBLIC CABARRUS COUNTY, N.C.

MECKLENBURG CO REG OF DEEDS
720 EAST FOURTH STREET
CHARLOTTE, NC 28202
(704)336-2443

ISSUED TO:
BRENDA PETERS - ERNEST

RECEIPT # 1189608
DATE 08/29/2007

| TIME | BOOK | PAGE | FEE |
|---|---|---|---|
| 02:22 PM | 22739 | 540 | 2007179163 |
| NOTICE OF INTENT | | | 17.00 |

Total Amount Due $17.00

CHECK 2162 17.00

Total Payments: $17.00

THANK YOU
JUDITH A. GIBSON
REGISTER OF DEEDS
Deputy: JONESAW

Initial compliance sample for Well Setback Variance.

File# 7266B

# *Should I Have My Water Tested?*

74369

***WATER IS ESSENTIAL FOR LIFE***

Doctors recommend that we drink at least 8 glasses of water a day. That's about 4 gallons a week or 200 gallons a year. Many of us take our water for granted and never consider testing it to be sure it is safe. It may be that some of us are afraid to have our water tested because we are not sure of what may be found. Fortunately, many problems that can occur with private wells and drinking water have solutions.

***WELL CONSTRUCTION IS IMPORTANT IN PROTECTING YOUR DRINKING WATER***

As of January 1st 2005 Mecklenburg County now has a Groundwater Well Regulation that includes the inspection of private wells. This means that **BEFORE** you have a new well drilled, a permit application needs to be submitted and approved by our department to ensure that your well construction meets specified standards and that the water is safe for you and your family. In addition, certain repair work to existing wells requires a permit. Only a North Carolina Certified Well Contractor can legally install or repair wells in Mecklenburg County.

***WHEN SHOULD I TEST MY WATER?***

GWS recommends private well owners test their water for bacterial contamination every year. In addition, the water can be tested for a variety of inorganic, mineral and toxic metals, pesticides and volatile and semi-volatile organic chemicals. If you notice any change in your water, it should be tested. GWS also recommends you have your water tested after any repair work is done to a well. A new well will be tested as part of the inspection and the cost is included in the permit fees. If you haven't had your water tested in the past year, ***NOW*** is a good time to test your well water.

***PUBLIC WATER? SHOULD I TEST THE WATER?***

If you drink water from a community or municipal water source, your water is tested on a regular basis. Generally, public water suppliers do not take water samples from individual residences. There is a chance that lead and other metals from the plumbing in the house can end up in your water. Public water suppliers are not responsible for testing the water from inside your home, therefore a periodic baseline sample from your home is recommended.

***THE MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES (GWS) OFFERS:***

⇒ The Information and results are unbiased and accurate!
⇒ Collection of the samples from your home and delivery to a state certified laboratory that will conduct the analyses
⇒ More than 40 types of water tests are available
⇒ Health risk assessments & consultation if any problems are found
⇒ No sales pressure! PUBLIC HEALTH is our business!

---

ID# 10 334

**APPLICATION FOR TESTING YOUR WATER**

Name Brenda & Mike Peters

Daytime Phone 704/488-1931 // 7041309-9589

Site Address 17313 Crosshaven Dr CLT NC 28278

Mailing Address if different from site address _____

*Please test my water for:*

[✓] Inorganic Analysis (includes: bacteria, pH, hardness, lead, arsenic, iron, manganese, copper, zinc, calcium, magnesium, alkalinity, chloride, fluoride, silver, acidity, barium, cadmium, mercury, manganese, sodium, selenium, total dissolved solids $50.00

[✓] Nitrates & Nitrites $15.00

[ ] Pesticides / VOCs / Semi-VOCs $200.00

Is there a working spigot on the outside of the house? [✓]Yes [ ]No

Are there any dogs at the property? [ ]Yes [✓]No

*(If dogs are present they must be restrained at the time of sampling.)*

*Please include a check made payable to the Mecklenburg County Health Department and mail to:*

Mecklenburg County - LUESA
Groundwater & Wastewater Services
700 North Tryon Street, Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103 Fax: (704) 336-6894
http://groundwater.charmeck.org

217= D.H

7266B

0711
0712