


11729 JOHNSON-DAVIS RD

02302422

1/9/2008

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007
*Barcode Font = IDAutomationHC39M*

# MECKLENBURG COUNTY
## Health Department

March 09, 2005

Chad & Cathy Mecimore
18718 Center Street
Cornelius, NC 28031

Re: Application for improvement permit for
Property Site: 11729 Johnson-Davis Road
Health Department file number: **5882B**

Dear Property Owner or Owner's Agent:

The Mecklenburg County Health Department, Environmental Health Division on **March 09, 2005** evaluated the above-referenced property at the site designated on the site plan that accompanied your improvement permit application. According to your application the site is to serve a three-bedroom residence, with a design wastewater flow of 360 gallons per day. The evaluation was done in accordance with the laws and rules governing wastewater systems in North Carolina General Statute 130A-333 and related statutes and Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rule .1900 and related rules.

Based on the criteria set out in Title 15A, Subchapter 18A, of the North Carolina Administrative Code, Rules .1940 through .1948, the evaluation indicated that the site is **UNSUITABLE for** a ground absorption sewage system. Therefore, your request for an improvement permit is **DENIED.** A copy of the site evaluation is enclosed. The site is unsuitable based on the following:

- ☐ Unsuitable soil topography and/or landscape position (Rule .1940)
- ☒ Unsuitable soil characteristics (structure or clay mineralogy) (Rule .1941)
- ☐ Unsuitable soil wetness condition (Rule .1942)
- ☒ Unsuitable soil depth (Rule .1943)
- ☐ Presence of restrictive horizon (Rule .1944)
- ☒ Insufficient space for septic system and repair area (Rule .1945)
- ☐ Unsuitable for meeting required setbacks (Rule .1950)
- ☐ Other (Rule .1946)

These severe soil or site limitations could cause premature system failure, leading to the discharge of untreated sewage on the ground surface, into surface waters, directly to ground water or inside your structure.

The site evaluation included consideration of possible site modifications, and modified, innovative or alternative systems. However, the Health Department has determined that none of the above options will overcome the severe conditions on this site. A possible option might be a system designed to dispose of sewage to another area of suitable soil or off-site to additional property.

For the reasons set out above, the property is currently classified **UNSUITABLE,** and an improvement permit shall not be issued for this site in accordance with Rule .1948 (c).

However, the site classified as **UNSUITABLE** may be classified as **PROVISIONALLY SUITABLE** if written documentation is provided that meets the requirements of Rule .1948(d). A copy of this rule is enclosed. You may hire a consultant to assist you if you wish to try to develop a plan under which your site could be reclassified as **PROVISIONALLY SUITABLE.**

You have a right to an informal review of this decision. You may request an informal review by the soil scientist or environmental health supervisor at the local health department. You may also request an informal review by the
N. C. Department of Environment and Natural Resources regional soil specialist. A request for informal review must be made in writing to the local health department.

You also have a right to a formal appeal of this decision. To pursue a formal appeal, you must file a petition for a contested case hearing with the Office of Administrative Hearings, 6714 Mail Center, Raleigh, NC 27699-6714. To get a copy of a petition form, you may write the Office of Administrative Hearings or call the office at (919) 733-0926 or from the OAH web site at www.oah.state.nc.us/form.htm. The petition for a contested case hearing must be filed in accordance with the provision of North Carolina General Statutes 130A-24 and 150B-23 and all other applicable provisions of Chapter 150B. N. C. General Statue 130A-335(g) provides that your hearing would be held in the county where your property is located.

Please note: If you wish to pursue a formal appeal, you must file the petition form with the Office of Administrative Hearings **WITHIN 30 DAYS OF THE DATE OF THIS LETTER.** The date of this letter is **March 09, 2005**. Meeting the 30-day deadline is critical to your right to a formal appeal. Beginning a formal appeal within 30 days will not interfere with any informal review that you might request. Do not wait for the outcome of any informal review if you wish to file a formal appeal.

If you file a petition for a contested case hearing with the Office of Administrative Hearings, you are required by law (N.C. General Statute 150B-23) to send a copy of your petition to the North Carolina Department of Environment and Natural Resources. Send the copy to: Office of General Counsel, N. C. Department of Environment and Natural Resources, 1601 Mail Service Center, Raleigh, NC. 27699-1601. Do **NOT** send the copy of the petition to your local health department. Sending a copy of your petition to the local health department will **NOT** satisfy the legal requirement in N.C. General Statute 150B-23 that you send a copy to the Office of General Counsel, NCDENR.

You may call or write the local health department if you need any additional information or assistance.

Sincerely,

Jeremy Michelone, R.S.
Authorized Agent - DENR

Encl: (2)

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 2
Property ID: 023-024-22
Lot #:
File #: 5882B
Code: 3

# SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Chad & Cathy Mecimore
Applicant:
Address: 18718 Center St., Cornelius, N. C. 28031
Date Evaluated: 3/8/2005
Proposed Facility: Residence
Design Flow (.1949): 360gpd
*Property Size:* .35a
Location of Site: 11729 Johnson-Davis Road
Property Recorded:
Water Supply: [ x ] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger boring [ x ] Pit [ ] Cut
Type of Wastewater: [ x ] Sewage [ ] Industrial Process [ ] Mixed

| PROFILE # | .1940 Landscape Position/ *Slope%* | Horizon Depth (IN.) | SOIL MORPHOLOGY .1941 | | OTHER PROFILE FACTORS | | | | Profile Class & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| | | | .1941 Structure/ *Texture* | .1941 Consistence *Mineralogy* | .1942 Soil Wetness/ Color | .1943 Soil Depth (IN.) | .1956 Sapro Class | .1944 Restr Horiz | |
| 1 | LS, 6 | 0-4 | GR/CL | FR/SEXP/SS/SP | >60" TO SOIL WETNESS | 22 | US | NONE | US |
| | | 4-22 | SBK/ABK/C | VFI/EXP/VS/VP | | | | | |
| | | 22-60 | M/CL | FR-FI/SEXP/SS/SP | | | | | |
| 2 | " | 0-5 | GR/CL | FR/SEXP/SS/SP | " | 29 | " | " | " |
| | | 5-29 | SBK/ABK/C | VFI/EXP/VS/VP | | | | | |
| | | 29-60 | M/CL | FR-FI/SEXP/SS/SP | | | | | |
| 3 | " | 0-6 | GR/CL | FR/SEXP/SS/SP | >62" TO SOIL WETNESS | 35 | " | " | " |
| | | 6-35 | SBK/ABK/C | VFI/EXP/VS/VP | | | | | |
| | | 35-62 | M/CL | FR-FI/SEXP/SS/SP | | | | | |
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| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | US | |
| System Type(s) | | |
| Site LTAR | | |

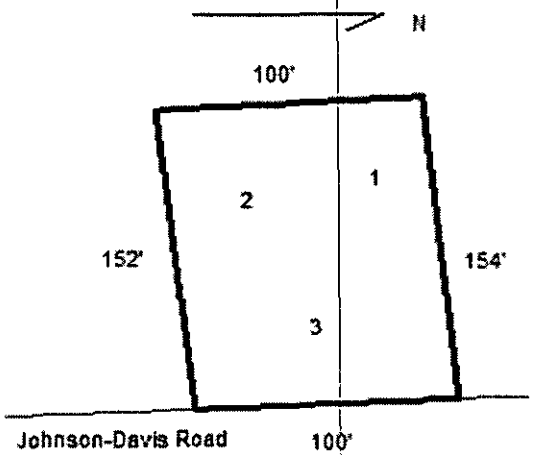
Other Factors (.1946):
Site Classification (.1948): UNSUITABLE
Evaluated By: W. R. Marlin, LSS, 3/9/2005 W. R. Marlin
Others Present: J. M. Workman

**COMMENTS:**

| Landscape Position | Group | Texture | .1955 LTAR | Structure |
|---|---|---|---|---|
| R-Ridge | I | S-Sand | 1.2 - 0.8 | SG-Single Grain |
| SS-Shoulder Slope | | LS-Loamy Sand | | M-Massive |
| LS-Linear Slope | | | | CR-Crumb |
| FS-Foot Slope | II | SL-Sandy Loam | 0.8 - 0.6 | GR-Granular |
| NS-Nose Slope | | L-Loam | | SBK-Subangular Blocky |
| HS-Head Slope | | | | ABK-Angular Blocky |
| CC-Concave Slope | III | SI-Silt | 0.6 - 0.3 | PL-Platy |
| CV-Convex Slope | | SICL-Silty Clay Loam | | PR-Prismatic |
| T-Terrace | | CL-Clay Loam | | |
| FP-Flood Plain | | SCL-Sandy Clay Loam | | |
| | IV | SC-Sandy Clay | 0.4 - 0.1 | |
| | | SIC-Silty Clay | | |
| | | C-Clay | | |

| Consistence Moist | Consistence Wet | Mineralogy |
|---|---|---|
| VFR-Very Friable | NS-Non-Sticky | SEXP-Slightly Expansive |
| FR-Friable | SS-Slightly Sticky | EXP-Expansive |
| FI-Firm | S-Sticky | |
| VFI-Very Firm | VS-Very Sticky | |
| EFI-Extremely Firm | NP-Non-Plastic | |
| | SP-Slightly Plastic | |
| | P-Plastic | |
| | VP-Very Plastic | |

**Sketch of Soil Evaluation Locations**



Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 2
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Lot #:
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|---|---|---|---|---|---|---|---|---|---|
| 1 | LS, 6 | 0-6 | GR/CL | FR/SEXP/SS/SP | >23" TO SOIL WETNESS | 23 | N/A | NONE | US |
| | | 6-23 | SBK/C | VFI/EXP/VS/VP | | | | | |
| 2 | " | 0-5 | GR/CL | FR/SEXP/SS/SP | >28" TO SOIL WETNESS | 28 | " | " | " |
| | | 5-28 | SBK/C | VFI/EXP/VS/VP | | | | | |
| 3 | " | 0-8 | GR/CL | FR/SEXP/SS/SP | >17" TO SOIL WETNESS | 17 | " | " | " |
| | | 8-17 | SBK/C | VFI/EXP/VS/VP | | | | | |

| Description | Initial System | Repair System |
|---|---|---|
| Available Space (.1945) | US | |
| System Type(s) | | |
| Site LTAR | | |

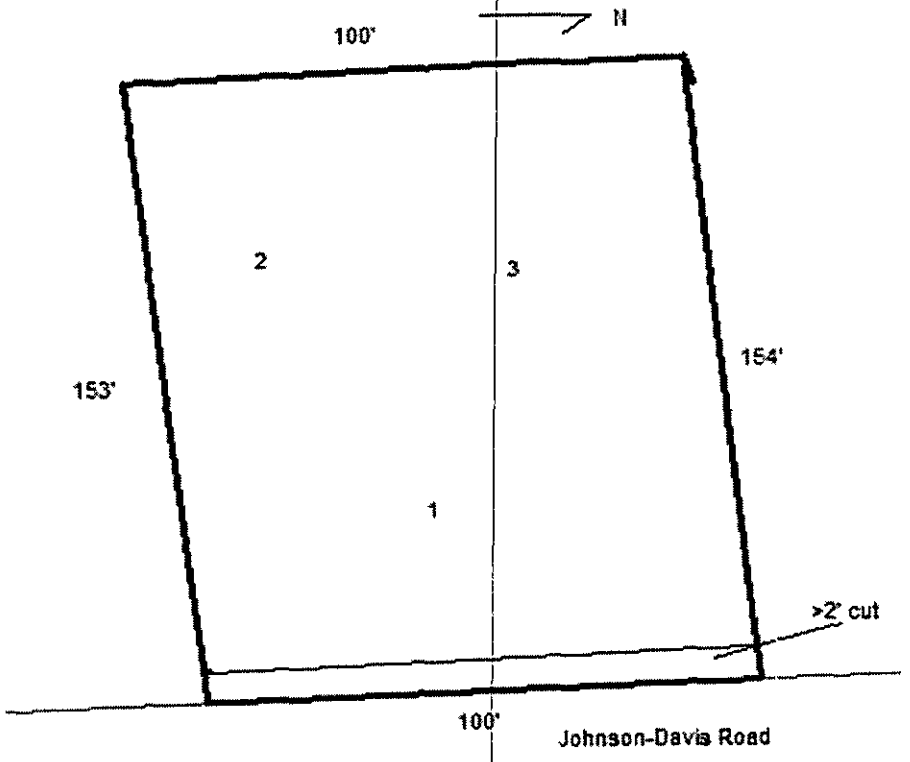
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Others Present:

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| VFI-Very Firm | VS-Very Sticky | |
| EFI-Extremely Firm | NP-Non-Plastic | |
| | SP-Slightly Plastic | |
| | P-Plastic | |
| | VP-Very Plastic | |

**Sketch of Soil Evaluation Locations**



2nd site $100 chk 1643 chk 1645 3p/05 gc

GWS – RES. APP 12/04

[redacted]

# PERMIT APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT / CONSTRUCTION AUTHORIZATION FOR ON-SITE WASTEWATER SYSTEM NEW WELL INSTALLATION OR REPAIR OF EXISTING WELL MECKLENBURG COUNTY GROUNDWATER & WASTEWATER SERVICES

[redacted]

FILE # 58828

**SEPTIC / TYPE APPLICATION:** ☐ NONE ☒ NEW SYSTEM EXISTING SYSTEM : ☐ EXPANSION/ALTERATION ☐ REPAIR

**WELL / TYPE APPLICATION:** ☐ NONE ☐ NEW WELL ☐ MAJOR REPAIR ☐ ABANDONMENT

**JOB LOCATION INFORMATION:** 023-024-22
**TAX/PARCEL #:** BOOK# 17760 PAGE 191
**STREET ADDRESS:** 11729 Johnson Davis Rd.
**CITY:** Huntersville
**STATE:** NC **ZIP:** 28078
**SUBDIVISION OR MOBILE HOME PARK NAME:**
**LOT #:** —
**TOWNSHIP:**
☐ 0-MECKLENBURG ☐ 4-PINEVILLE
☐ 1-CHARLOTTE ☐ 5-MATTHEWS
☐ 2-DAVIDSON ☒ 6-HUNTERSVILLE
☐ 3-CORNELIUS ☐ 7-MINT HILL

**BUILDING INFORMATION:**
**TYPE OF BUILDING:**
☐ SINGLE MOBILE HOME (S) ☒ MODULAR HOME (M)
☐ DOUBLE WIDE (D) ☐ MULTIPLE FAMILY (U)
☐ HOUSE (H) ☐ OTHER
**HEATED SQUARE FOOTAGE:**
**NUMBER OF BEDROOMS:** 3
**NUMBER OF OCCUPANTS:** 2

**FOUNDATION FOR RESIDENCE:**
☐ CONCRETE SLAB ☐ BASEMENT WITH PLUMBING
☒ CRAWLSPACE ☐ BASEMENT WITH NO PLUMBING

**IF PLANNING TO EXPAND/ALTER THE EXISTING SYSTEM INDICATE THE FOLLOWING CHANGES:**
NUMBER OF BEDROOMS TO BE ADDED: NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE:
**WILL THERE BE A HOME BUSINESS IN THE RESIDENCE?** ☐ YES ☒ NO TYPE:

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

**PROPOSED USE OF WELL:** ☒ N/A ☐ IRRIGATION ☐ POTABLE ☐ GEOTHERMAL ☐ OTHER

**ARE ANY OF THE FOLLOWING LOCATED ON THE PROPERTY? IF SO, PLEASE SHOW LOCATION ON SITE PLAN/PLAT.**

| | | | | | |
|---|---|---|---|---|---|
| BURIED CABLES, LANDFILLS, STUMPHOLES | ☐ YES | ☒ NO | WELLS, SPRINGS, OR WATER LINES | ☐ YES | ☒ NO |
| EXISTING WASTEWATER SYSTEMS | ☐ YES | ☒ NO | DESIGNATED WETLANDS | ☐ YES | ☒ NO |
| EASEMENTS OR RIGHT-OF-WAYS | ☐ YES | ☒ NO | GRADING/SOIL REMOVAL PERFORMED | ☐ YES | ☒ NO |

**PROPERTY OWNER:**
NAME: CHAD and CATHY Mecimore
ADDRESS: 19718 Center St.
CITY: Cornelious
STATE: N.C. ZIP: 28031
HOME PHONE: 704-622-3990 WORK PHONE: 704-872-2764
MOBILE PHONE: FAX:

**LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:**
NAME:
ADDRESS:
CITY:
STATE: ZIP:
HOME PHONE: WORK PHONE:
MOBILE PHONE: FAX:

**WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?**
**WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?**

*An Improvement Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. 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.

Michael Chad Mecimore
Owner's/Agent's Signature Date

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENT & NATURAL RESOURCES DIVISION
OF ENVIRONMENTAL HEALTH ON-SITE
WASTEWATER SECTION

*A Well Permit is subject to suspension or revocation if site plans or the intended use change or if information submitted in this application is falsified or changed. 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

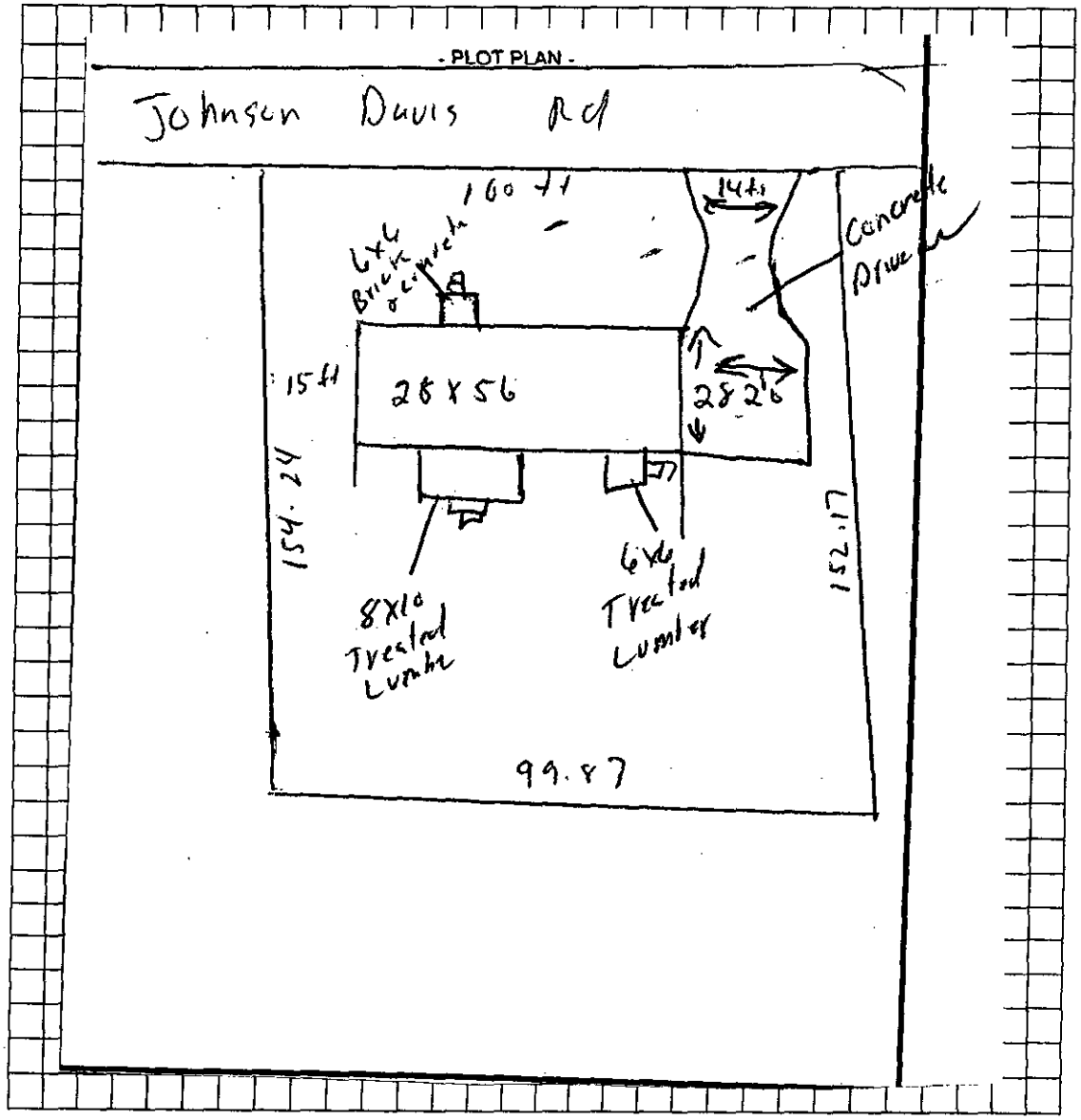
MECKLENBURG COUNTY HEALTH DEPARTMENT
GROUNDWATER & WASTEWATER SERVICES
700 N. TRYON ST., SUITE 211
CHARLOTTE, NC 28202
704-336-5103 / FAX: 704-336-6894

Mecklenburg County
Land Use & Environmental Service Agency
Groundwater & Wastewater Services
700 N. Tryon St., Suite 211
Charlotte, NC 28202
Phone: (704) 336-5103
Fax: (704) 336-6894

File # 5828
Date

## PROPOSED PLOT PLAN

A map showing existing and proposed property lines and easements with dimensions, the location of the single family residence, non-single family residence, or other facility, and appurtenances, the site for the proposed well, and the location of existing or proposed sewer lines and/or sewage disposal systems, surface water bodies, aboveground or underground storage tanks. Name all roads adjoining the property. If this a repair indicate the type of repair.




| | |
|---|---|
| Owner/Agent Signature | Mical Chad Meeneys |
| Date | |

LBC 12/15/04

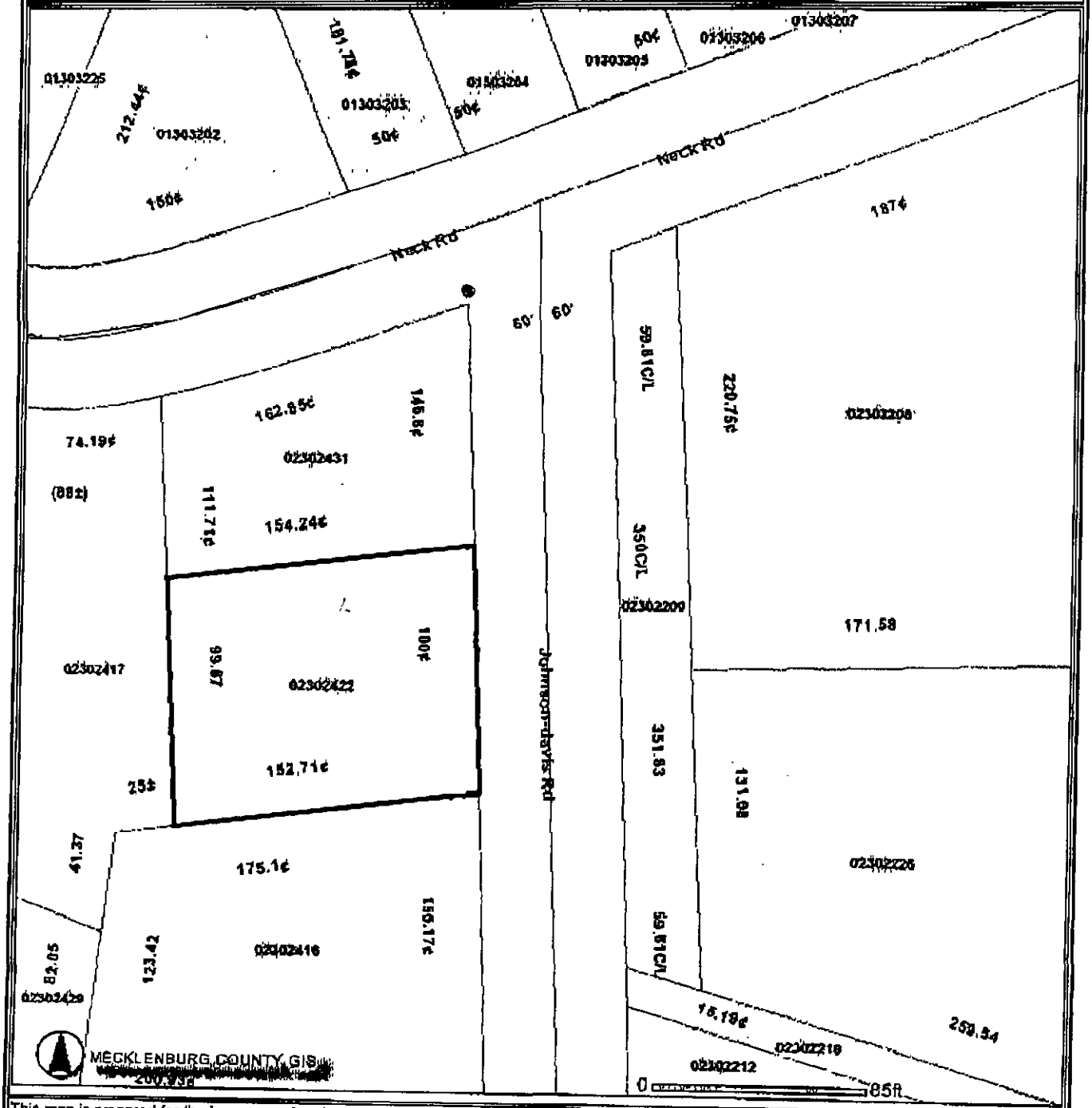
*Mecklenburg County, North Carolina*

# *POLARIS*

***Property Ownership Land Records Information System***

Date Printed: Tue Feb 1 19:26:43 EST 2005

## 11729 Johnson Davis Rd




This map is prepared for the inventory of real property within Mecklenburg County and is compiled from recorded deeds, plats, tax maps, surveys, planimetric maps, and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification. Mecklenburg County and its mapping contractors assume no legal responsibility for the information contained herein.