



**Environmental  
Services**

TEL 919 856 7400  
FAX 919 856 7407

Water Quality Division  
336 Fayetteville St. • P.O. Box 660 • Raleigh, NC 27602

March 1, 2006

**VIA CERTIFIED MAIL-RETURN RECEIPT REQUESTED**

Joseph Daniels  
914 Deboy Street  
Raleigh North Carolina 27606

Reference: Denial of Septic System Permit  
Kingsley Property Tract 3  
3200 Grand Oak Lane New Hill North Carolina  
PIN: 0710.01 17 1850  
Application Number D 35873

**To Whom This May Concern:**

This letter is to inform you that a site evaluation was conducted on the above referenced property at 3200 Grand Oak Lane New Hill North Carolina. This property was determined to be Unsuitable for the use of a subsurface sewage treatment and disposal system in accordance with the "Regulations Governing Sewage Treatment and Disposal Systems in Wake County" (and 15A, Subchapter 18A, Sections .1901-.1969 of the North Carolina Administrative Code, adopted by reference in the Wake County Regulations).

The site evaluation findings revealed the following limiting factors:

- Unsuitable topography and/or landscape position, .1940
- Soil Characteristics Morphology, .1941 -Expansive Clay
- Soil Wetness Condition, .1942 -Chroma 2 mottles at 10 to 20 inches
- Soil Depth, .1943
- Restrictive Horizons, .1944
- Available Space, .1945
- Other:

Please refer to the enclosed soil evaluation form and site plan for additional information related to limiting factors.

The Regulations allow for the reclassification of unsuitable sites to provisionally suitable status if the conditions of 15A NCAC 18A, Section .1948 (d) are met. "A site classified as UNSUITABLE may be used for a ground absorption sewage treatment and disposal system specifically identified in Rules .1955, .1956, or .1957 of this Section or a system approved under Rule .1969 if written documentation, including engineering, hydrogeologic, geologic or soil studies, indicates to the local health department that the proposed system can be expected to function satisfactorily. Such sites shall be reclassified as

<sup>1</sup> Wake County Environmental Services Department

PROVISIONALLY SUITABLE if the local health department determines that the substantiating data indicate that:

- (1) a ground absorption system can be installed so that the effluent will be non-pathogenic, non-infectious, non-toxic, and non-hazardous;
- (2) the effluent will not contaminate groundwater or surface water; and
- (3) the effluent will not be exposed on the ground surface or be discharged to surface waters where it could come in contact with people, animals, or vectors."

You have two options available. First, you may hire a soil scientist to evaluate your property (PIN:0710.01 17 1850) and submit a proposal (layout and waste water design) to Wake County Environmental Services. Second, you may also appeal this decision with submission of adequate substantiating documentation under the provisions of North Carolina General Statute (NCGS) 130A-24(b)&(c) and Wake County Human Services-Environmental Health Division Rules of Appeal by letter to:

Wake County Human Services Center  
Attn.: Jonica Hinton, Executive Assistant  
220 Swinburne Street  
Raleigh, North Carolina 27620

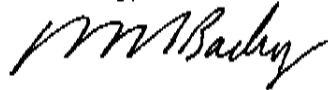
and

Wake County Department of Environmental Services  
Attn: Rick Rowe, Department Director  
Waverly Akins Wake County Office Building  
P.O. Box 550  
Raleigh, North Carolina 27602

The Department asks that you send copies of the request for an appeal hearing to both parties to insure prompt processing of your request. An appeal must be made within 30 days of receipt of this letter or your appeal rights are forfeited.

If you have any questions or wish to setup a meeting, please contact Stephen Bristow at (919) 856-7432 Monday through Friday between 8:00 a.m. and 5:00 p.m.

Sincerely,



Mark E. Bailey, P.E., Director  
Division of Water Quality

Enclosures:

cc: Kent Daeke, R.S., Supervisor, Wake County Environmental Services  
Richard K. Rowe, R.S., Director, Wake County Department of Environmental Services  
Scott W. Warren, Esq., Wake County's Attorney's Office  
File

# SITE EVALUATION

(Ground Absorption Sewage Treatment and Disposal)

PIN NUMBER: 0710.01 17 1850 "D" PERMIT #: 35873 BLDG PERMIT #: 0062092			
OWNER/APPLICANT: Joseph Daniels			
SUBDIVISION: Kingsley LOT NUMBER: Tr 3 BLOCK:		SECTION:	
LOCATION OF SITE: 3200 Grand Oaks Lane- 9.42 ac			
FACTORS	AREA 1	AREA 2	AREA 3
1. Topography Slope (%) or severely eroded (gullied) slopes	S <input type="checkbox"/> PS <input type="checkbox"/> U <input checked="" type="checkbox"/> gullied sideslopes	S <input checked="" type="checkbox"/> PS <input type="checkbox"/> U <input type="checkbox"/> 2 to 15 %	S <input checked="" type="checkbox"/> PS <input type="checkbox"/> U <input type="checkbox"/> 4 to 6%
2. Landscape Position (Upland, Drainageway, Depression, etc.)	S <input type="checkbox"/> U <input checked="" type="checkbox"/> drainageway and setbacks	S <input checked="" type="checkbox"/> U <input type="checkbox"/> ridgetop and sideslopes	S <input checked="" type="checkbox"/> U <input type="checkbox"/> linear sideslope
3. Soil Texture (Group & Texture)	S <input type="checkbox"/> PS <input type="checkbox"/>	S <input type="checkbox"/> PS <input checked="" type="checkbox"/> GR IV Clay	S <input type="checkbox"/> PS <input checked="" type="checkbox"/> GR IV Sandy Clay
4. Soil Structure	S <input type="checkbox"/> PS <input type="checkbox"/> U <input type="checkbox"/>	S <input type="checkbox"/> PS <input type="checkbox"/> U <input checked="" type="checkbox"/> Massive @ 12 to 20 in	S <input type="checkbox"/> PS <input type="checkbox"/> U <input checked="" type="checkbox"/> massive @ 22 to 36in+
5. Clay Mineralogy (Type & Consistence)	S <input type="checkbox"/> U <input type="checkbox"/>	S <input type="checkbox"/> U <input checked="" type="checkbox"/> expansive, v. sticky, v. plastic	S <input type="checkbox"/> U <input checked="" type="checkbox"/> expansive SC/Clay at 20 to 36in
6. Soil Wetness	S <input type="checkbox"/> PS <input type="checkbox"/> U <input type="checkbox"/>	S <input type="checkbox"/> PS <input type="checkbox"/> U <input checked="" type="checkbox"/> Cr 2 @ 12 to 22in	S <input type="checkbox"/> PS <input type="checkbox"/> U <input checked="" type="checkbox"/> Cr2 @ 20 to 30in
7. Soil Depth (In.)	S <input type="checkbox"/> PS <input type="checkbox"/> U <input type="checkbox"/>	S <input checked="" type="checkbox"/> PS <input type="checkbox"/> U <input type="checkbox"/> 48+	S <input checked="" type="checkbox"/> PS <input type="checkbox"/> U <input type="checkbox"/> 48+
8. Restrictive Horizons(In.) (Fragipans, iron pans, plintite)	S <input type="checkbox"/> PS <input type="checkbox"/> U <input type="checkbox"/>	S <input type="checkbox"/> PS <input type="checkbox"/> U <input type="checkbox"/>	S <input type="checkbox"/> PS <input type="checkbox"/> U <input type="checkbox"/>
9. Other (specify)	S <input type="checkbox"/> PS <input type="checkbox"/> U <input type="checkbox"/>	S <input type="checkbox"/> PS <input type="checkbox"/> U <input type="checkbox"/>	S <input type="checkbox"/> PS <input type="checkbox"/> U <input type="checkbox"/>
10. Classification of Area	S <input type="checkbox"/> PS <input type="checkbox"/> U <input checked="" type="checkbox"/>	S <input type="checkbox"/> PS <input type="checkbox"/> U <input checked="" type="checkbox"/>	S <input type="checkbox"/> PS <input type="checkbox"/> U <input checked="" type="checkbox"/> currently can not be reclassified
11. Available Space	S <input type="checkbox"/> U <input checked="" type="checkbox"/>	S <input type="checkbox"/> U <input checked="" type="checkbox"/>	S <input type="checkbox"/> U <input checked="" type="checkbox"/> limited area- 5,000/7,000ftsq
12. Site Classification: <u>unsuitable- permit denied</u>			

Suitable      Provisionally Suitable      Unsuitable

Recommendations / comments: Recommend the applicant pursue surface discharge through State DWQ.

Possible modification or alternative under Wake County Regulations:

Alternative       Modified       None

Evaluation by: Steve Bristow RS *DWB*      Date: 3/1/06

Verification by: \_\_\_\_\_ Date: \_\_\_\_\_

**\*\*Note: If engineering, geologic, soil and environmental studies indicate that a system or alternative system can be expected to function satisfactorily, the classification may be changed to provisionally suitable.**

**\*\*SEE ATTACHED SITE PLAN OR IMPROVEMENTS PERMIT SITE PLAN FOR LOCATION OF SOIL AREAS.**

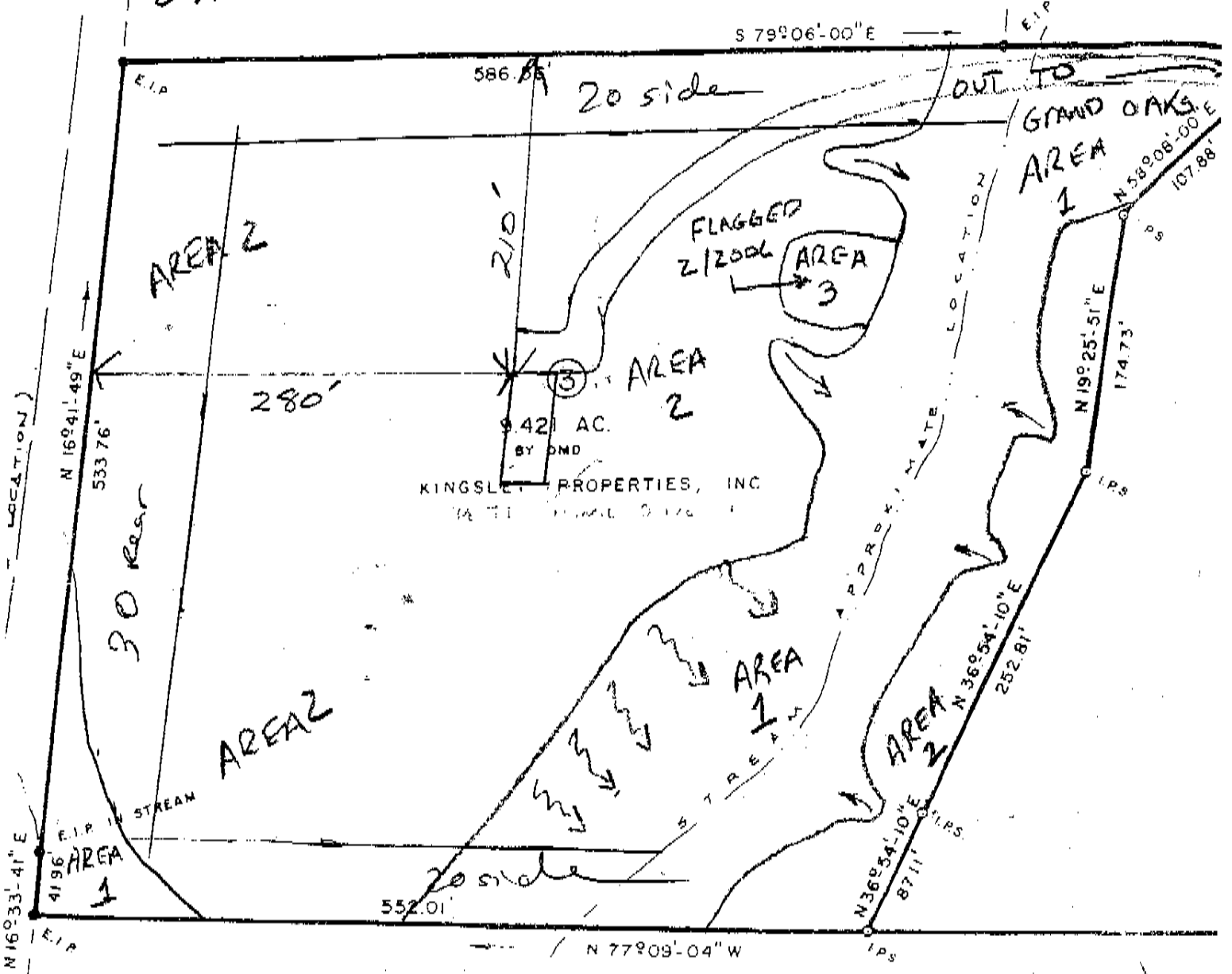
311106 DENIAL  
 PERMIT D35873

0062

BOBBY A. JOURNIGAN  
 BOOK OF MAPS 1984, PAGE 557

PIN

0710:01171850



1"=100'

BM 1986 page 115

NORTH CAROLINA - WAKE COUNTY

The foregoing certificate of Marilyn H. Finch  
 Notar (y) (ies) (are) certified to be correct. This instrument was  
 presented for registration and recorded in this office.

This 20<sup>th</sup> day of January, 1986, at 11:46 o'clock, A.M.  
 Kenneth C. Wilkins, Register of Deeds  
 By P. Anne Redd  
 Deputy Register of Deeds

CUT HERE GUARANTEED 1186

Zoning R2000 By CHERYL LAMER Da  
 Approved CHERYL LAMER Da  
 Revise \_\_\_\_\_ Usr \_\_\_\_\_  
 Reject 4 Mt \_\_\_\_\_  
 Front 4 Res \_\_\_\_\_  
 Side 20 Cor \_\_\_\_\_  
 Comments:

11/11/86  
 11/11/86

