

7120 PEAR TREE RD

02308708

6/21/2007

duponbj

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

APPLICATION FOR AN IMPROVEMENT PERMIT

CR# 4426

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

(OFFICE USE ONLY)
FILE: 6807A
TC:
SERIAL: № 20559

#200.00
11/18/91

☒ L ☐ CRT

JOB LOCATION

① ADDRESS: 7120 (STREET NO.) Pear Tree Rd (STREET) ② FILE: 6807-A

③ JURISDICTION: ④ TAX PARCEL NO.: 023-087-08 and 07

⑤ SUBDIVISION: ⑥ LOT: ⑦ BLOCK:

OWNER

⑧ NAME: David (FIRST) H. (MIDDLE) Watts (LAST)

⑨ MAILING ADDRESS: 78230 Pear Tree Rd.

⑩ CITY: Charlotte ⑪ STATE: N.C. ⑫ ZIP: 28216

⑬ PHONE: (WORK) Bobbie Watts 598-2599 ⑭ (HOME) 399-2962

REQUEST

This request is for a(n):

⑮ ☒ New permit ⑰ ☐ Authorization for mobile home exchange

⑯ ☐ Repair or alteration permit ⑱ ☐ Other (specify)

DESIGN CRITERIA

System will serve:

⑲ ☒ Residence ⑳ ☐ Mobile home ㉑ ☐ Business or place of public assembly

㉒ Number of bedrooms? 3 ㉕ Type?

㉓ Maximum occupancy? 6 ㉖ Maximum number of employees?

㉔ Basement? ☐ yes ☐ no ㉗ Maximum number of seats?

WATER SUPPLY

㉘ Water supply from (present or proposed):

A ☒ Individual well

B ☐ Municipal system

C ☐ Community well

D ☐ Community system

㉙ The undersigned, 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 agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: Barbara J. Watts

Date: 10-9-91

IMPROVEMENT PERMIT

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 permit is issued by this Department.

... This permit is not transferable, and shall become null and void 36 months from the date of issuance.

Environmentalist / Date

Director or Authorized Section Head / Date

*This permit must be signed by the Director of Mecklenburg County Health Department or an authorized section head in order to be valid.

APPLICATION FOR SOIL INVESTIGATION

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 6807A

TC: 023-087-08

☑ PC ☐ REPT

JOB LOCATION

① ADDRESS: Pear Tree Rd Charlotte N.C. 282

② SUBDIVISION: _____ ③ LOT: _____ ④ BLOCK: _____

⑤ PARCEL REFERENCE: BOOK NO.: 023 PAGE NO.: 08 PARCEL NO.: 08

⑥ DEED REFERENCE: BOOK NO.: _____ PAGE NO.: _____

OWNER

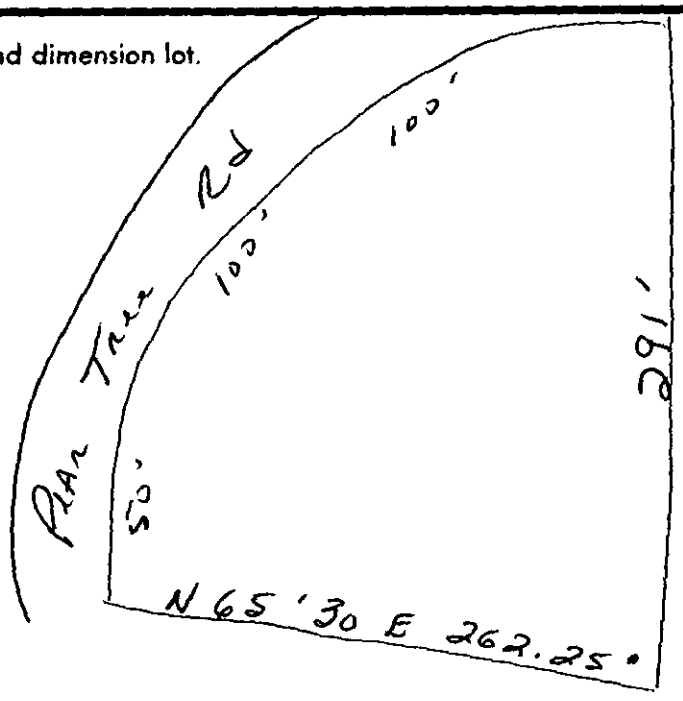
⑦ NAME: David (FIRST) H. (MIDDLE) Watts (LAST)

⑧ MAILING ADDRESS: 7230 Pear Tree Rd.

⑨ CITY: Charlotte ⑩ STATE: N.C. ⑪ ZIP: 28216

⑫ PHONE: (WORK) 704-377-2200 (HOME) 704-399-2962

⑬ Accurately diagram and dimension lot.



⑭ The undersigned, 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 agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: Barbara Watts

Date: June 5, 90

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER'S COPY

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION

CHARGE SLIP

Date: 6-5-90

Name/Company: Barbara Watts

Sanitation _____

Vector Control _____

O.P.W.D. ✓

Service: Appl to S.I
Investigate

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
PAID
JUN 5 1990

F16 6807A

CO #4459
$40.00

Fee: $ 40.00

NOTICE:

A processing fee of $15.00 will be charged for all returned checks in accordance with N.C. General Statute 25-3-512.

Completed by

Collected by

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 18040

File: 6807A Action 5

Parcel: Po 023-087-08, 07 ☐ PC

Location: Pear Tree Rd.

Subdivision:

Lot: Block: Acres:

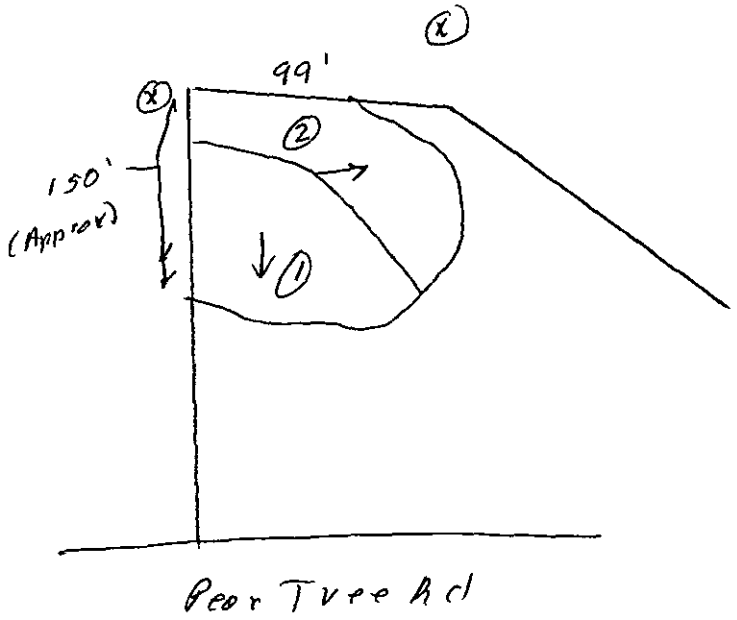
Owner: David H. Watts
Address: 78230 Pear Tree Rd.
Charlotte, N. C. 28216

Comments: Area #1 has Approx. 24" sandy loam/loamy sand

Described by: William R. Marks

Date: 7-19-90

Sketch of marked area on lot



*** EVALUATION KEY ***
S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	(S) PS U 2-6%	(S) PS U 2-6%	S PS U	S PS U	S PS U	S PS U
Texture	S PS (U) Mix-ed Mineralogy	(S) PS U Sandy loam	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U weak blocks	(S) PS U granular	S PS U	S PS U	S PS U	S PS U
Drainage	S PS (U) Perched water 26-28"	S (PS) U 30" To water	S PS U	S PS U	S PS U	S PS U
Depth	S PS (U) 30-36"	S PS (U) 9-16"	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U 36"	S (PS) U 36"	S PS U	S PS U	S PS U	S PS U
Available Space	S (PS) U	S (PS) U limited	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	Helena-Lilo Expansive clay	A-E soil II				
Area Classification	S PS (U)	S PS (U)	S PS U	S PS U	S PS U	S PS U

Mecklenburg County
Health Department

July 19th, 1990

David H. Watts
78230 Pear Tree Rd.
Charlotte, NC 28216

RE: Property located at Pear Tree Rd.
FILE: 6807A
PARCEL: 02308708

Dear Sir:

At your request a soils investigation was conducted on the property designated above. Results of this investigation showed the site to be classified as UNSUITABLE under criteria as set forth in Section .1900 of the North Carolina Administrative Code, Title 10, Department of Human Resources, Chapter 10, Division of Health Services; Sanitary Engineering Section, Subchapter 10A, Sanitation. A copy of the Site Evaluation Report (Serial Number 18040) is enclosed.

The soil on this property is not suitable for use with any conventional, modified or alternative system of which I am aware. If you wish to exercise your right of appeal concerning the interpretation and enforcement of these rules you may do so in accordance with G.S. 150B and 10 NCAC 1B.

If I can be of assistance, please do not hesitate to call.

Very truly yours,

Gene Vaughan, R.S., Supervisor
On Premises Waste Disposal & Water Supply

Enclosure

Environmental Health Division
1200 Blythe Boulevard • Charlotte, North Carolina 28203 • (704) 376-4603

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 18040

File: [illegible] Action [illegible]

Parcel: [illegible] ☐ PC

Location: Pear Tree Rd.

Subdivision:

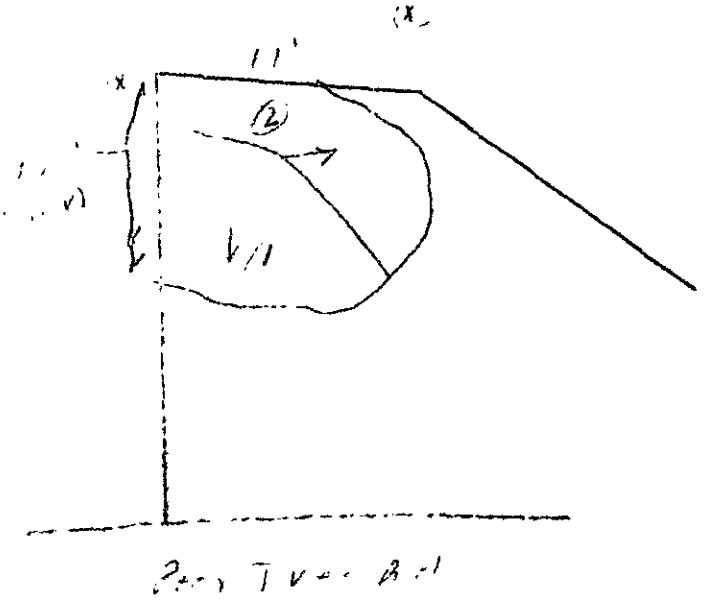
Lot: Block: Acres:

Owner: David A. Watts
Address: 7823C Pear Tree Rd.
Charlotte, N. C. 28216

Comments: [illegible]

Described by: [illegible]

Date: [illegible]



***** EVALUATION KEY *****

S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Texture	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Structure	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series	[illegible]	[illegible] II				
Area Classification	S PS (U)	S PS, U	S PS U	S PS U	S PS U	S PS U

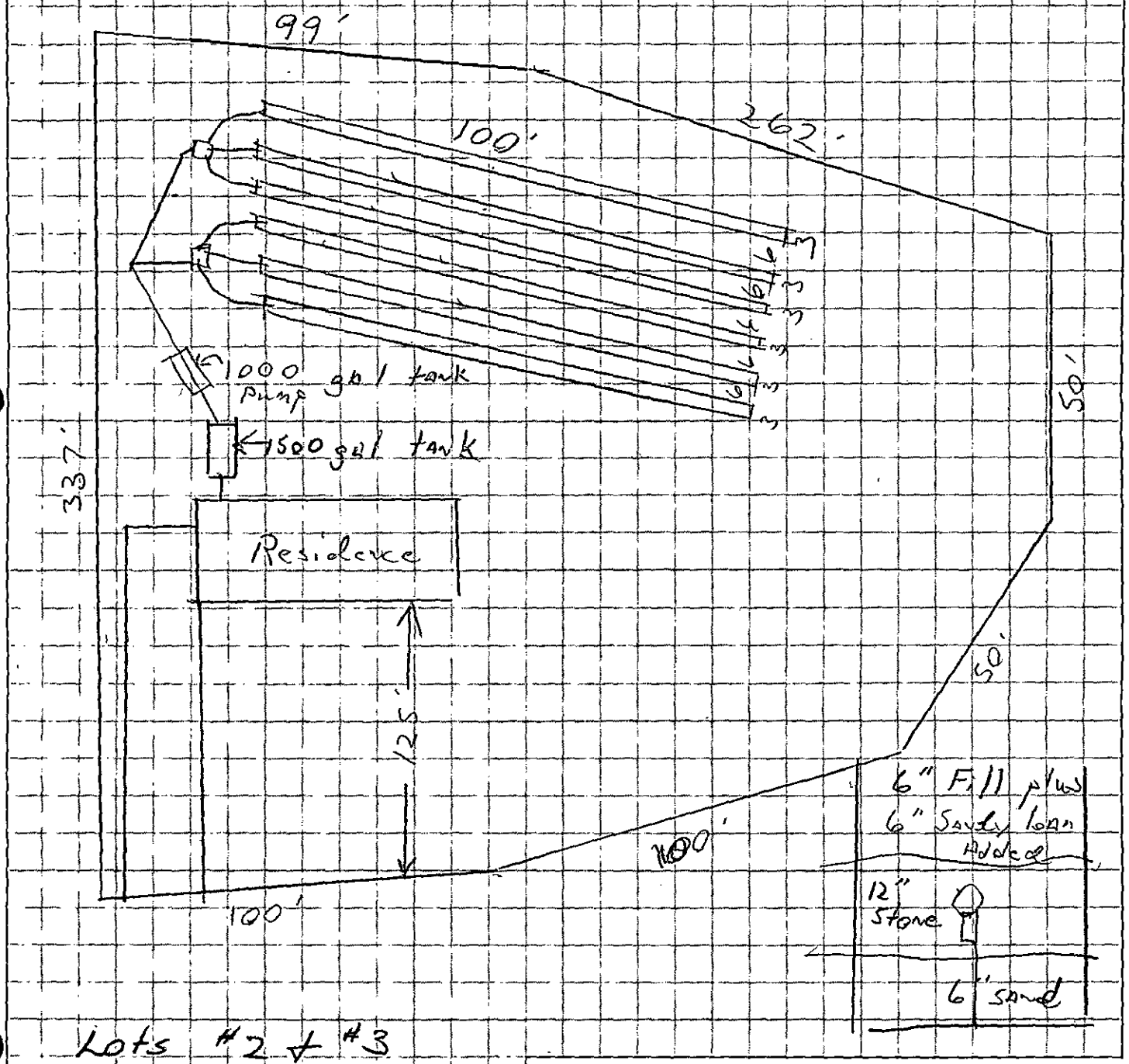
PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 6807 A

TC: 023-087-08 and 07

Draw in and name *all roads* adjoining the property. Draw in and accurately *dimension* the lot concerned. Accurately indicate property boundaries, proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.



Lots #2 + #3
Combined

APPROVAL DATE _____

White - Health Department's Copy Canary - Environmentalist's Copy Pink - Owner's Copy

Mecklenburg County
Health Department

July 5th, 1990

David H. Watts
78230 Pear Tree Rd.
Charlotte, NC 28216

RE: Property located at Pear Tree Rd.
FILE: 6807A
PARCEL: 02308708

Dear Sir:

At your request a soils investigation was conducted on the property designated above. Results of this investigation showed the site to be classified as UNSUITABLE under criteria as set forth in Section .1900 of the North Carolina Administrative Code, Title 10, Department of Human Resources, Chapter 10, Division of Health Services; Sanitary Engineering Section, Subchapter 10A, Sanitation. A copy of the Site Evaluation Report (Serial Number 18005) is enclosed.

The soil on this property is not suitable for use with any conventional, modified or alternative system of which I am aware. If you wish to exercise your right of appeal concerning the interpretation and enforcement of these rules you may do so in accordance with G.S. 150B and 10 NCAC 1B.

If I can be of assistance, please do not hesitate to call.

Very truly yours,

Gene Vaughan, R.S., Supervisor
On Premises Waste Disposal & Water Supply

Enclosure

Environmental Health Division
1200 Blythe Boulevard • Charlotte, North Carolina 28203 • (704) 376-4603

Gene, there
~~[illegible]~~ folks are
going to mark
an area for a system
for me to recheck -
it possibly could
benefit a shallow-
placed system of
some type

M/ Ray

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 18005

File: 6807A

Action 3

Parcel: 6807A

☐ PC

02308708

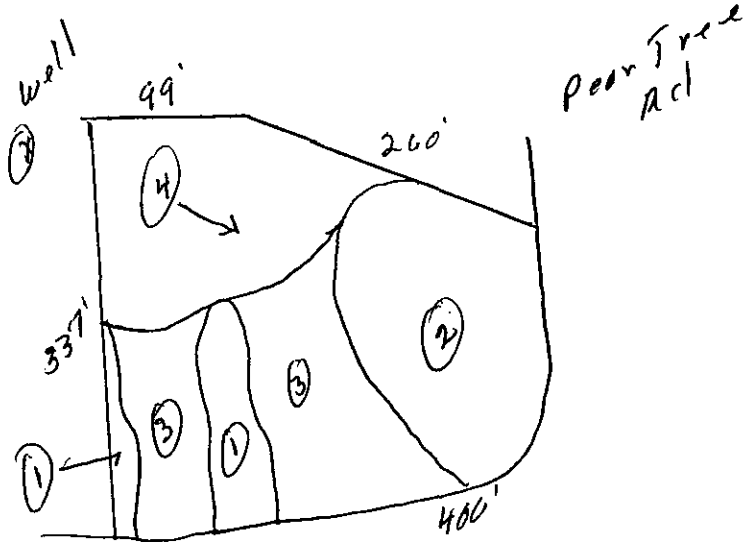
Location: Pear Tree Rd.
Charlotte, N. C.
Subdivision:
Lot: Pear Tree Rd. Block: Acres: 1.64

Owner: David H. Watts
Address: 7230 Pear Tree Rd.
Charlotte, N. C. 28216
David H. Watts
78230 Pear Tree Rd.
Charlotte, NC 28216

Comments: Does not fit series established in Meck. Co. Owner is to mark Area for more intensive investigation

Described by: William R. Mullis

Date: 7-5-90



*** EVALUATION KEY ***
S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

Acreage figure includes Review of Land in File 18433

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	S PS (U) Complex Slopes	S PS (U) Depression	(S) PS U 2-10%	(S) PS U 2-10%	S PS U	S PS U
Texture	S PS U	S PS U	S PS (U) 2-1 clay	S (PS) U Clay loam	S PS U	S PS U
Structure	S PS U	S PS U	S (PS) U Blocky	S (PS) U Weak Blocky	S PS U	S PS U
Drainage	S PS U	S PS U	S (PS) U >36" To Water	S (PS) U >36" To Water	S PS U	S PS U
Depth	S PS U	S PS U	S PS (U) 12-28"	S PS (U) 20-28"	S PS U	S PS U
Restrictive Horizons	S PS U	S PS U	S (PS) U >36"	S (PS) U >36"	S PS U	S PS U
Available Space	S PS U	S PS U	S (PS) U limited	S (PS) U limited	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U See Note.	S PS U	S PS U
Soil Group/Series	Complex Slopes	Depression	Wilkes Silt Expansive clay	III		
Area Classification	S PS (U)	S PS (U)	S PS (U)	S PS (U)	S PS U	S PS U

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 18005

File: 3307A

Action

Parcel:

☐ PC

Location: [illegible] Tree Rd.
Charlotte, N. C.
Subdivision:

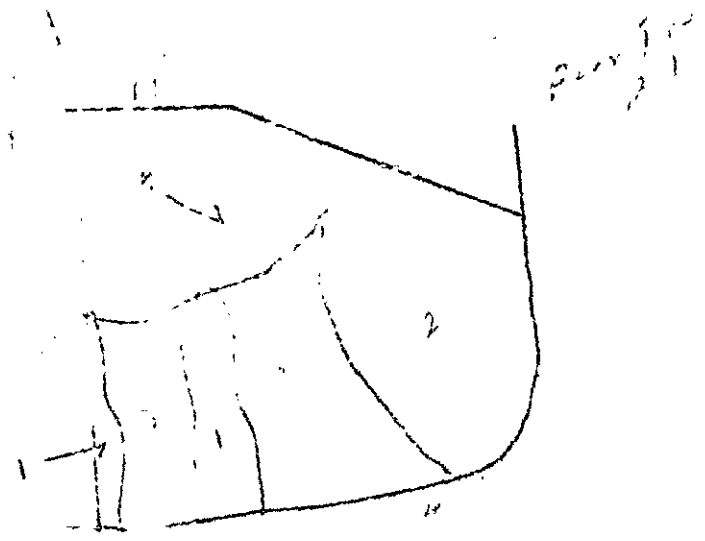
Lot: Block: Acres:

Owner: David H. Mills
Address: 7430 Pony Tree Rd.
Charlotte, N. C. 28216

Comments:

Described by:

Date:



***** EVALUATION KEY *****

S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Texture	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Structure	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Drainage	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Depth	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Available Space	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U
Soil Group/Series				III		
Area Classification	S PS U	S PS U	S PS U	S PS U	S PS U	S PS U

APPLICATION FOR SOIL INVESTIGATION

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 6807A

TC: 023-087-08

☐ PC ☐ REPT

JOB LOCATION

① ADDRESS: Pear Tree Rd Charlotte N.C 282

② SUBDIVISION: _____ ③ LOT: _____ ④ BLOCK: _____

⑤ PARCEL REFERENCE: BOOK NO.: 023 PAGE NO.: 08 PARCEL NO.: 08

⑥ DEED REFERENCE: BOOK NO.: _____ PAGE NO.: _____

OWNER

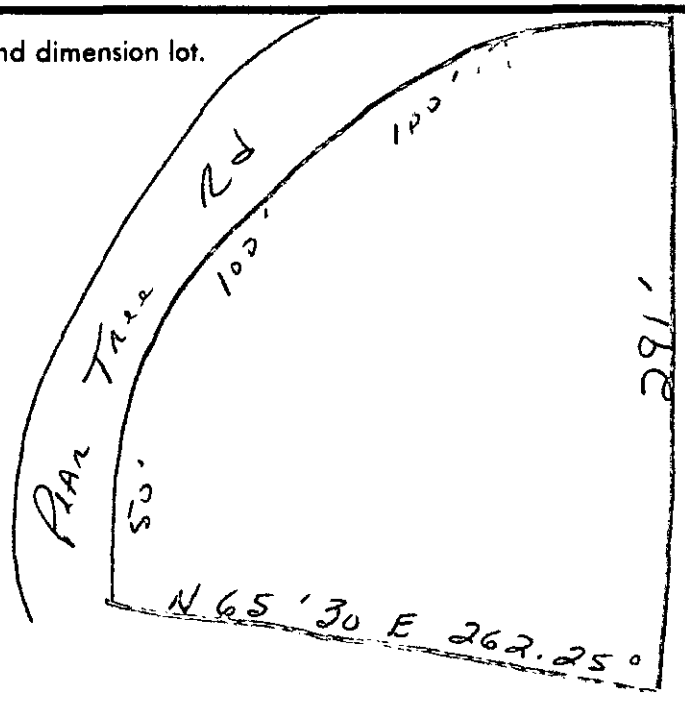
⑦ NAME: David (FIRST) H. (MIDDLE) Watts (LAST)

⑧ MAILING ADDRESS: 7230 Pear Tree Rd.

⑨ CITY: Charlotte ⑩ STATE: N.C. ⑪ ZIP: 28216

⑫ PHONE: (WORK) 704-377-2200 (HOME) 704-399-2962

⑬ Accurately diagram and dimension lot.



9.2
1 N
1.4
1.6

.92
.72

⑭ The undersigned, 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 agents of the MECKLENBURG COUNTY HEALTH DEPARTMENT to enter onto the property for the purpose of processing this request.

Signed: David H Watts

Date: June 5, 90

Mecklenburg County services are available without regard to ethnic origin, sex, or disability.

WHITE - HEALTH DEPARTMENT'S COPY • CANARY - ENVIRONMENTALIST'S COPY • PINK - OWNER'S COPY

MECKLENBURG COUNTY HEALTH DEPARTMENT
SITE EVALUATION REPORT
SERIAL NUMBER 18005

File: 6807A

Action 3

Parcel: 6807A

☐ PC

02308708

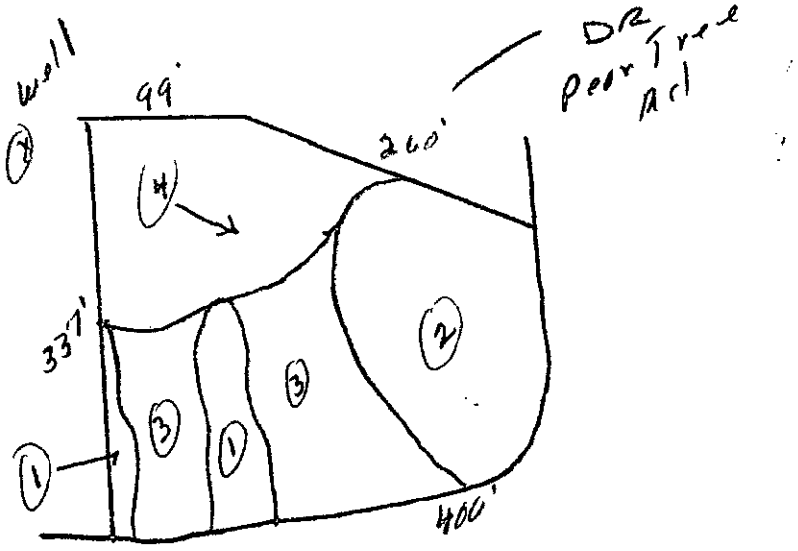
Location: Pear Tree Rd.
Charlotte, N. C.
Subdivision:
Pear Tree Rd.
Lot: Block: Acres: 1.64

Owner: David H. Watts
Address: 7230 Pear Tree Rd.
Charlotte, N. C. 28216
David H. Watts
78230 Pear Tree Rd.
Charlotte, NC 28216

Comments: Does not fit series established in Mech. Co. Owner is to mark Area for more intensive investigation

Described by: William R. Medlin

Date: 7-5-90



Acreage figure includes Review of Land in File 18433

***** EVALUATION KEY *****

S = Suitable U = Unsuitable
PS = Provisionally Suitable
The "Area Classification" below indicates the suitability of areas in the diagram.

FACTORS	AREA 1	AREA 2	AREA 3	AREA 4	AREA 5	AREA 6
Topography	S PS (U) complex slopes	S PS (U) Depression	(S) PS U 2-10%	(S) PS U 2-10%	S PS U	S PS U
Texture	S PS U	S PS U	S PS (U) silt loam	S (PS) U clay loam	S PS U	S PS U
Structure	S PS U	S PS U	S (PS) U Mod Blocky	S (PS) U weak Mod Blocky	S PS U	S PS U
Drainage	S PS U	S PS U	S (PS) U >36" to water	S (PS) U >36" to water	S (PS) U	S PS U
Depth	S PS U	S PS U	S PS (U) 12-28"	S PS (U) 20-28"	S PS U	S PS U
Restrictive Horizons	S PS U	S PS U	S (PS) U >36"	S (PS) U >36"	S PS U	S PS U
Available Space	S PS U	S PS U	S (PS) U limited	S (PS) U limited	S PS U	S PS U
Other (specify)	S PS U	S PS U	S PS U	S PS U See note.	S PS U	S PS U
Soil Group/Series	complex slopes	Depression	W. Mod. like Expansive clay	III		
Area Classification	S PS (U)	S PS (U)	S PS (U)	S PS (U)	S PS U	S PS U

Mecklenburg County
Health Department

Betty S. Snow, R.N., M.A.
Health Director

March 11, 1992

David H. Watts
7230 Pear Tree Road
Charlotte, NC 28216

Re: 7120 Pear Tree Road
File: 6807A
Parcel: 023-037-08
Subject: Refund Notification

Dear Mr. Watts:

A review of our files revealed that you may be entitled to a refund due to the denial of your application for an improvement permit dated October 9, 1991. As you are aware the soils on the above referenced parcel were unsuitable for the installation of a subsurface sewage disposal system for the following reasons:

- Unsuitable topography and landscape position.
- Unsuitable soil characteristics (Morphology) i.e. expansive clay mineralogy.
- Unsuitable soil wetness conditions.
- Unsuitable soil depths.

Please contact this office at 336-5102 to initiate the refund process if you desire.

Sincerely,

Gene Vaughan, R.S., Supervisor
Individual Water and Wastewater Systems

GV:lw

State of North Carolina
Department of Environment, Health, and Natural Resources
Mooresville Regional Office

James G. Martin, Governor
William W. Cobey, Jr., Secretary

Albert F. Hilton, Regional Manager

TO: William Marlin, Soil Scientist
Mecklenburg County Health Department

FROM: Joe Lynn Regional Soil Specialist
Division of Environmental Health
On-Site Wastewater Section

Subject: David Watts property, lots 7 and 8 on Pear Tree Road

Date: July 8, 1992

The above referenced property was evaluated for its suitability for a ground absorption sewage treatment and disposal system to serve a three bedroom house. The site is Unsuitable under current laws and rules, 15A NCAC 18A .1900. This is a site that should be a good candidate for a .1957 (c) proposal. The enclosed report gives a brief summary of the findings, conclusions, and recommendations.

If I can be of any assistance or you have any questions, contact me through the Mooresville Regional Office (704) 663-1699.

919 North Main Street, Mooresville, N.C. 28115 • Telephone 704-663-1699 • FAX 704-663-6040

An Equal Opportunity Affirmative Action Employer

SOIL/SITE REPORT

GENERAL INFORMATION

COUNTY: Mecklenburg **DATE:** July 8, 1992

OWNER/APPLICANT: David Watts

LOCATION: Pear Tree Road, lots 7 and 8

TYPE OF FACILITY: Residence **DESIGN UNIT:** 360 gpd

PROPOSED WATER SUPPLY: On-Site Well

EVALUATED BY: Joe Lynn, Bill Marlin, and Stuart Black using hand augers

DATE OF EVALUATION: April 16, 1992

OTHER(S) PRESENT: N/A

SITE INFORMATION

AREA: Approximately 1.75 acres

PRESENT USE: Woods, undergrowth, and weeds

TOPOGRAPHY: (slope) 2 to 6 percent

LANDSCAPE POSITION: Ridge and linear slopes

SITE LIMITATIONS: Well on adjacent lot and road cut

SOIL INFORMATION

SOIL TEXTURE: (surface) Sandy loam / loam
(subsurface) Clay, sandy clay loam, and saprolite

SOIL STRUCTURE: (subsurface) Granular, single grain, blocky, and structureless

CLAY MINERALOGY: Expansive

SOIL DEPTH: 0 to 26 inches to unsuitable soil condition

SOIL WETNESS: 7 inches and 15 inches, two locations

RESTRICTIVE HORIZONS: None

SAPROLITE: 4 to 26 inches to unsuitable saprolite

AREA of S or Ps SOIL: < 2000 sq. ft. in scattered irregular tracts

CONCLUSIONS

This site is unsuitable for the installation of a conventional ground absorption sewage system due to:

1. Unsuitable Topography and Landscape Position — Section .1940
   Drainage feature (gully)
2. Unsuitable Soil Characteristics — Section .1941
   Absence of soil structure (massive) and expansive clay mineralogy
3. Unsuitable Soil Wetness — Section .1942
   Chromas of 2 or less from Munsell Color Book
4. Insufficient Soil Depth — Section .1943
   Soil depths of less than 36 inches.
5. Insufficient Available Space — Section .1945
   Not enough area for an initial sewage system and a repair.

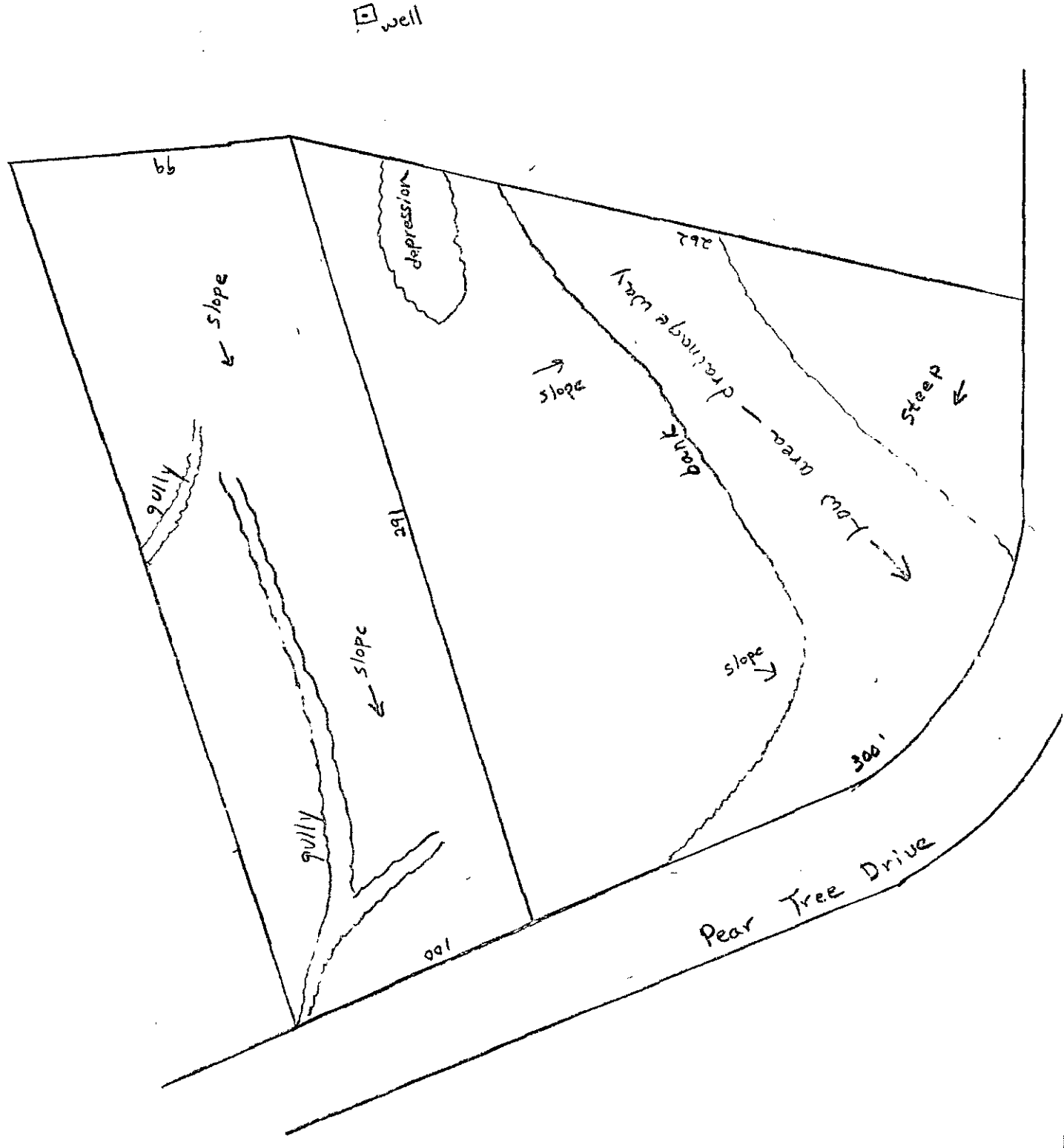
The site is Unsuitable under Rule .1956 Modifications to Septic Tank Systems. Shallow trenches, large diameter pipe, and porous block panel systems are not an option for this lot. The saprolite is unsuitable by this rule. Drainage will not be helpful.

The site is Unsuitable under Rule .1957 Alternative Sewage Systems. Low pressure pipe systems, fill systems, and aerobic treatment units are not an option for this lot.

RECOMMENDATIONS

The owner has the following options that might allow the use of this property as desired:

1. He may purchase other Suitable or Provisionally Suitable property to place the ground absorption sewage system on.
2. He may obtain an easement on a Suitable or Provisionally Suitable property to place the ground absorption sewage system on.
3. The Division of Environmental Management in Mooresville, N. C. at (704) 663-1699 may be contacted to pursue options available through that office.
4. A sewage system can be pursued under Rule 1957 (c). Written documentation must be submitted to your office showing that the proposed sewage system can be expected to function properly. The data must contain the following:
   A. The effluent must receive adequate treatment.
   B. The ground water and the surface water must not be contaminated by the effluent.
   C. The effluent must not be exposed to the ground surface or discharged to surface waters where it could come into contact with people, animals, or vectors.
5. The denial can be appealed under G. S. 130A-24 if requested within 60 days of the denial date.


well
99
slope
depression
262
slope
low area — drainage way
steep
gully
291
slope
slope
gully
300'
100
Pear Tree Drive

Not to scale