

11001 REAMES ROAD
025-021-07

5/17/2007

duponbj

Groundwater and Wastewater Services File Imaging Project
May 2007

Barcode Font = IDAutomationHC39M

MECKLENBURG COUNTY

Department of Environmental Health

June 8th, 1988

Barry Sigmon
11001 Reames Road
Charlotte, NC 28213

RE: Property located at Reames Road
FILE: 4209A
PARCEL: 02502107 PO

Dear Sir:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. The property was found to contain a limited area of soils which were classified as provisionally suitable for such an installation. A copy of the Site Evaluation Report (Serial Number 11748) is enclosed for your information.

Should you desire to file for permission to install a ground absorption sewage disposal system, please submit an Application For An Improvement Permit with an ACCURATELY dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems to this office. The plan will be reviewed and if it is found that the area of provisionally suitable soils is adequate for the proposed construction, an Improvement Permit will be issued by this Department.

If I may be of assistance, please do not hesitate to contact me.

Sincerely,

Sylvia D. Daniel, R.S.
Environmental Health Supervisor
Environmental Resources Division

Enclosure

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
SITE EVALUATION REPORT
SERIAL NUMBER 11748

File: 4209A Action 1

Parcel: PO 025-021-10 ☐ PC

Location: 11001 Reames Rd.

Subdivision:

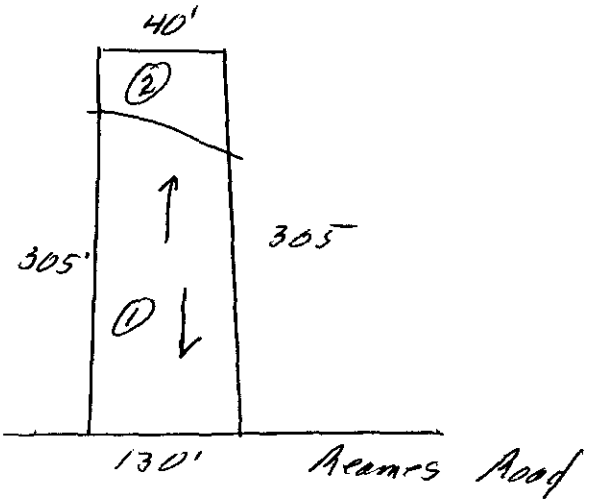
Lot: Block: Acres: Approx .59

Owner: Yellow Freight System, Inc.
Address: 11001 Reames Road
Charlotte, N. C. 28213

Comments: _____

Described by: William A. Marlin

Date: 6-7-96



***** 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 2-10%	S PS (U) Depression	S PS U	S PS U	S PS U	S PS U
Texture	S (PS) U Clay	S PS U —	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U Blocky	S PS U —	S PS U	S PS U	S PS U	S PS U
Drainage	S (PS) U >36" To water	S PS U —	S PS U	S PS U	S PS U	S PS U
Depth	S (PS) U >36"	S PS U —	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U >36"	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	IVA Cecil-Lilla	Depression				
Area Classification	S (PS) U	S PS (U)	S PS U	S PS U	S PS U	S PS U

6/2/88 Paid #30.00 ck#44782 EW

APPLICATION FOR SOIL INVESTIGATION

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: ~~41604A~~ 4209A

TC: _____

☐ PC ☐ REPT

JOB LOCATION

① ADDRESS: 11001 Reames Road

② SUBDIVISION: _____ ③ LOT: 10 ④ BLOCK: _____

⑤ PARCEL REFERENCE: BOOK NO.: 25 PAGE NO.: 02 PARCEL NO.: 21

⑥ DEED REFERENCE: BOOK NO.: 4701 PAGE NO.: 0568

OWNER

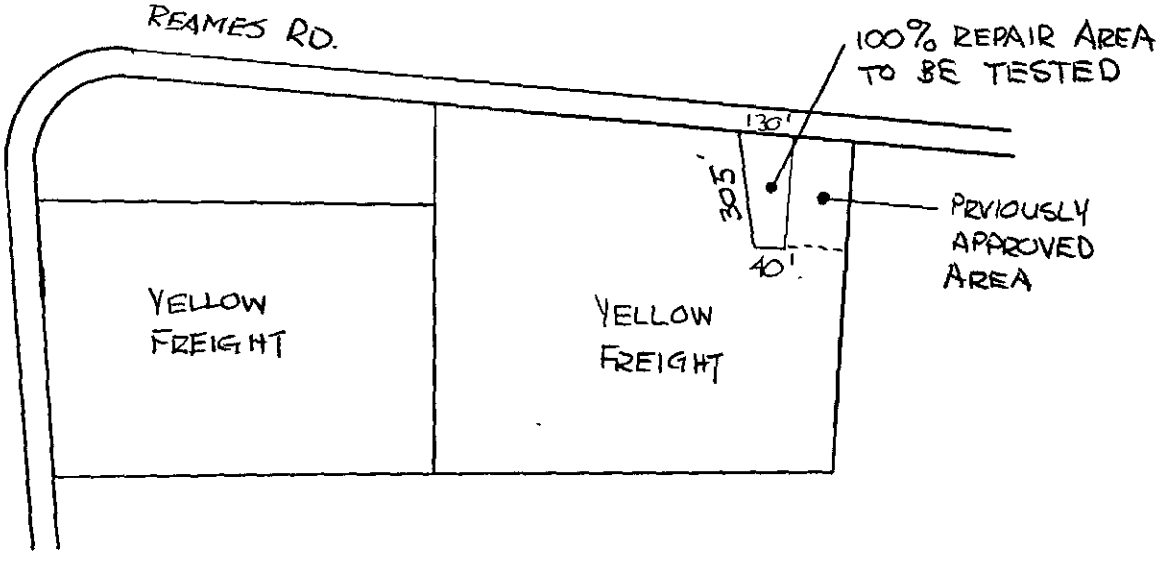
⑦ NAME: Yellow Freight System, Incorporated (FIRST) (MIDDLE) Ken Wiker (LAST)

⑧ MAILING ADDRESS: 11001 Reames Road

⑨ CITY: Charlotte ⑩ STATE: NC ⑪ ZIP: 28213

⑫ PHONE: (WORK) (704) 596-6758 (HOME) _____

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 DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: Ken Wiker P.S. (YFS)

Date: 6-2-88

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

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER'S COPY

4209-1

North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
David T. Flaherty, Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director

919-733-2895

June 1, 1988

Ms. Sylvia Daniel
Environmental Health Supervisor
Mecklenburg County Department of
Environmental Health
1200 Blythe Boulevard
Charlotte, NC 28203

Dear Sylvia:

RE: Review of Revised Plans and Specifications for Yellow Freight Terminal Expansion, Reaves Road, Mecklenburg County, NC, Project No. 88-15

We have reviewed revised plans and specifications for the above-referenced facility received May 24 and June 1, 1988. We have also made a minor change to the specifications with the concurrence of the design engineer by phone on June 1, 1988. It appears that all of our previous comments have been adequately addressed by the proposed revisions.

Enclosed is one copy of the plans and specifications stamped "Approved with Provisos by the Department of Human Resources, Division of Health Services." Provisos are that plans and specifications also include any additional requirements of the Mecklenburg County Health Department prior to being approved and an improvement permit issued. The improvement permit to be issued for this project must include the approved plans and specifications, legal documents, and any conditions deemed appropriate by the health department.

Please note that for this project all lateral lines must be staked out, measured, and checked by the health department prior to the issuance of the improvement permit to insure that the field will fit on the site as proposed.

The provisionally approved plans and specifications are for the following facilities and system components:

Facilities: Truck terminal with 50-employee/shifts.

System: Six-inch, eight-inch gravity collection sewers.

One lift station (3,850 gallons).

One septic tank (3,000 gallons).

One dosing tank (2,650 gallons).

One nitrification field (2,800 linear feet of conventional trenches, total, with pressure manifold distribution system).

Design Flow: 2,500 gallons per day.

As you are aware, there are a number of times during the installation of this system when direct supervision by the health department must be provided to insure that the system is installed properly. For this project, make certain that:

1. Collection sewers are properly installed according to specifications and are determined to be fully leakage proof.

2. Septic tank is properly constructed, including specified access manholes and sanitary tee, and is determined to be fully leakage proof.

3. Lift station and dosing tank are properly constructed, including specified access manholes, and are determined to be fully leakage proof. Tanks must include all specified pumps, controls, discharge pipes, dials, control panel in weatherproof enclosure, including audible high-water alarm on separate electrical circuit, and elapsed time counters for each pump. Make certain that all equipment is fully operational and level control floats are set as specified.

4. Effluent supply line is properly installed according to specifications and determined by hydrostatic testing to be fully leakage proof.

5. Layout and site preparation of nitrification field are specifically approved by the health department on site prior to the installation of any lateral trenches. Trenches must be properly constructed, using specified trench width and depth, and all trenches installed level and parallel to the natural ground contour. Pressure manifold must be properly constructed in strict accordance with the plans, including specified manifold and tap sizes. Field must be finally landscaped to shed surface water, seeded, and mulched as specified.

Note that the design engineer must certify that the system has been installed in accordance with approved plans and specifications, and the installation must be approved by the health department prior to the issuance of an operation permit. Please also note operation and maintenance procedures included in the provisionally approved specifications which must be specified as conditions to be followed in the operation permit for this system.

Please feel free to contact us if you have any further questions pertaining to this project or if we may be of assistance to you during your inspection of the installation of this system.

Sincerely,

Richard J. Marinshaw
Environmental Engineer
Sanitation Branch
Environmental Health Section

RJM/gb

Enclosure

cc: Mr. Joel Cawthorn
Mr. Dean Harrill
Mr. Jeffrey Smith

Mr. Daniel

RECEIVED
MECKLENBURG COUNTY
HEALTH DEPT.

MAY 24 1988

ENVIRONMENTAL HEALTH
DIVISION

J. N. Pease Associates

Architecture
Engineering
Planning

May 23, 1988

Mr. Richard Marinshaw
North Carolina Department of Human Resources
Division of Health Services
1330 St. Mary's Street
Post Office Box 2091
Raleigh, North 27602-2091

Reference: Yellow Freight Terminal Expansion
Charlotte, North Carolina

Subject: Septic System Permit

Dear Mr. Marinshaw:

In response to your letter on May 10, 1988, we are resubmitting a revised set of plans and specifications for the referenced project. Please review these documents and return them to this office, with your comments, as soon as possible.

The revised set of specifications contains a signed Professional Engineer's seal as requested. Below is additional information which you requested in your letter.

The Owner will maintain the following items:

- Septic Tank -

  Check the tank every six months for accumulation of solids. If accumulation is more than two feet in depth, have the tank pumped. Check the tee for any blockage.

- Pumps and Alarms -

  Check the pumps and alarms every two-to-four weeks. Make sure that both pumps are operating correctly and that all alarm switches and pump "on-off" switches are functioning properly.

Post Office Box 18725
2925 E. Independence Blvd.
Charlotte, North Carolina 28205
704/376-6423

Post Office Box 12714
50 Park Office, Suite 3
Research Triangle Park, N.C. 27709
919/549-0503

- Dosing Tank -

  Check the dosing tank every six months for accumulation of solids and clean as necessary.

- Drain Field -

  Check the drain field for excessive erosion.

- Manhole -

  Check the manhole every six months for accumulation of solids.

- Distribution Box -

  Check monthly for accumulation of trash.

Mr. Barry Sigmon with Yellow Freight's Charlotte Terminal will be responsible for all routine maintenance procedures.

Please contact us if you have any questions.

Sincerely,

Jeffrey I. Smith, EIT

JIS/lw

Enclosures

cc: Mr. Steve Becher - w/enclosures
Ms. Sylvia Daniel - w/enclosures

4208A

RECEIVED
MECKLENBURG COUNTY
HEALTH DEPT.

MAY 3 1988

ENVIRONMENTAL HEALTH
DIVISION

J.N. Pease Associates

Architecture
Engineering
Planning

May 2, 1988

Mr. Richard J. Marinshaw
North Carolina Department of Human Resources
Division of Health Services
1330 St. Mary's Street
Post Office Box 2091
Raleigh, North Carolina 27602-2091

Reference: Yellow Freight Terminal Expansion
Charlotte, North Carolina

Subject: Septic Tank Permit

Dear Mr. Marinshaw:

In response to your letter on April 13, 1988, we have made the suggested corrections. Enclosed is an updated set of plans and specifications.

Below is additional information requested in your letter:

- At the present time, wastewater is treated at an on-site treatment plant which is at capacity. Only wastewater from the new expansion will be handled by the septic tank.

- The Owner will maintain the following items:

1. Septic Tank (Visible Inspection) - Annually
2. Pump Stations (Visible Inspection) - Daily
3. Control Panels - Annually
4. Distribution Box-Flushed & Cleaned - Annually
5. Manhole - Annually
6. Valves-Exercised - Annually

Please contact us if you have any questions.

Sincerely,

Jeffrey I. Smith, EIT

JIS/lw

Enclosures

cc: Mr. Steve Becher -w/enclosure
Ms. Sylvia Daniel-w/enclosure

Post Office Box 18725
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Charlotte, North Carolina 28205
704/376-6423

Post Office Box 12714
50 Park Office, Suite 3
Research Triangle Park, N.C. 27709
919/549-0503

SUPPLEMENT NO. 1, May 2, 1988
TO CONTRACT DOCUMENTS FOR
MOTOR FREIGHT TERMINAL
CHARLOTTE TERMINAL IMPROVEMENTS
CHARLOTTE, NORTH CAROLINA
FOR
YELLOW FREIGHT SYSTEMS, INC.
OVERLAND PARK, KANSAS

CHANGES TO PROJECT MANUAL

SECTION 20328 - SUBMERSIBLE PUMPS

1. Delete lines 17 thru 22 and substitute the following:

"Furnish and install 4 totally submersible sewage pumps. Two pumps shall be equipped with 3 HP, 208 volt, 3-phase, 60 Hz explosionproof motors, the other two shall be equipped with 2 HP, 208 volt, 3-phase, 60 Hz explosionproof motors. All four shall be equipped with cast iron discharge connections suitable for use in a Class I, Division 1, Group D Hazardous Location, cast iron discharge connections, and shall be capable of delivering flows as indicated in PUMP SCHEDULE."

2. Line 144: Add the following to the beginning of the line: "For each station,"

3. Delete lines 247 thru 253 and substitute the following:

"Pump Station No. 1

Pump No.	Location	GPM	TDH	Motor HP	RPM
1A	STA A 10+80.00 B 22+48.00	30	15	2	3450
1B	STA A 10+80.00 B 22+48.00	30	15	2	3450

"Pump Station No. 2

Pump No.	Location	GPM	TDH	Motor HP	RPM
2A	STA A 10+80.00 B 22+84.00	30	35	3	3450
2B	STA A 10+80.00 B 22+84.00	30	35	3	3450

J. N. PEASE ASSOCIATES
Architects-Engineers-Planners
Charlotte, North Carolina

RECEIVED
MECKLENBURG COUNTY
HEALTH DEPT.

APR 14 1988

ENVIRONMENTAL HEALTH
DIVISION

North Carolina Department of Human Resources
Division of Health Services
P.O. Box 2091 • Raleigh, North Carolina 27602-2091

James G. Martin, Governor
David T. Flaherty, Secretary

Ronald H. Levine, M.D., M.P.H.
State Health Director

919-733-2895

April 13, 1988

Ms. Sylvia Daniel
Environmental Health Supervisor
Mecklenburg County Department of
Environmental Health
1200 Blythe Boulevard
Charlotte, NC 28203

Dear Sylvia:

RE: Plans and Specifications for Proposed Yellow Freight Terminal Expansion, Reames Road, Mecklenburg County, NC, Project No. 88-15

On April 4, 1988, we received plans and specifications for the sanitary sewage system to serve the above-referenced facility. Our policy is to review all projects on a first-come, first-served basis. However, before we can begin our review, we need the following additional information:

From the engineer: Complete set of plans and specifications, in accordance with our "Planning and Permitting Procedures and Design Guidelines for Sanitary Sewage Systems Where the Design Flow Exceeds 3,000 Gallons Per day," including the following:

1. Plans and specifications signed and sealed by a professional engineer registered in North Carolina.

2. Information on location and design of existing septic tank system.

3. System redesigned with simplex or duplex effluent dosing system utilizing a pressure manifold or other means of achieving relatively uniform distribution among drain field laterals. If gravity sewer can be installed shallower, consideration might also be given to locating septic tank and dosing tank near building, eliminating need for raw sewage lift station.

4. Ground elevation above all tanks.

5. Installation, bedding, waterproofing and leakage test procedures for all tanks.

6. Serial number for all state-approved, precast concrete tanks; detailed plans and specifications, including reinforcement, for all other tanks.

7. Procedures for testing in/exfiltration of gravity sewers and hydrostatic testing of all force mains.

8. Lift station and dosing tank sized to provide 12 hours emergency storage capacity above high-water alarm on level.

9. Detail drawing of manhole.

10. Location of 100-percent repair drain field.

11. Drain field designed with laterals parallel to natural ground contours.

12. Operation and maintenance procedures.

From the health department:

1. Confirmation that the existing sewage system is functioning properly.

2. Confirmation that the proposed application rate of 0.3 gallons per day per square foot is acceptable.

3. Maximum allowable trench depth.

Speedy receipt of this information is needed to assure no delay in our review. Also, note that our initial review may indicate additional information other than that mentioned above is required which we shall request at that time. Thanks for your assistance.

Sincerely,

Richard J. Marinshaw
Environmental Engineer
Sanitation Branch
Environmental Health Section

SB/gb

cc: Mr. Joel Cawthorn
Mr. Dean Harrill
Mr. Jeffrey I. Smith

LARGE SYSTEM DATABASE

Project Data Sheet

Date : 04/20/89

File No. : 88-15 Record No. : 954
Project : Yellow Frieght Terminal Expansion
County : Mecklenburg
Location : Reams Road, Mecklenburg, NC

Applicant : Mr. Barry Sigmon
Address : 1001 Reaves Rd.,Charlotte, NC 28213
Phone :

Engineer : Jeffrey I. Smith
Firm : J.N. Pease Associates
Address : 2925 E. Independence Blvd., Charlotte, NC 28205
Phone : 704-376-6423

Facilities : 50-employee shift office

System : GS(6".8"),LS(3845), FM(4"), ST(3000), DT(2650), PM, NF(2800 LF)

Design Flow : 2500 GPD Number of Subsystems : 1

Dates Received
Initial Plans : 04/04/88
Site Evaluation : / /
Last Revision : 06/01/88

Plans Reviewed
Acknowledgement : 04/13/88
Initial Review : 05/10/88
Provisionally App'd: 06/01/88
Last Revision Rev. : / /
Last Rev. Prov. Ap.: / /

Operation/Inspections
Operation Permit : / /
Installation Insp. : / /
Last Operation Insp. : / /

Operator :

Reviewed By : RM

Type of Facility : FO
Type of System : N-LS, CPPM
Status : PA

Comments : MECK CO File #4209A

System never installed. Arrangements made to connect to existing package plant approved by DEM.

APPLICATION FOR AN IMPROVEMENT PERMIT

RECEIVED
MECKLENBURG COUNTY
HEALTH DEPT.
APR 11 1988
ENVIRONMENTAL HEALTH DIVISION

4/11/88 pd 50-
ck# 44037 DR

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: _____

TC: _____

SERIAL: № 15733

☐ T ☑ CRT

JOB LOCATION

① ADDRESS: 11001 Reames Road (STREET NO. / STREET) ② FILE: 4209A

③ JURISDICTION: _____ ④ TAX PARCEL NO.: 02502107 PO

⑤ SUBDIVISION: _____ ⑥ LOT: 10 ⑦ BLOCK: _____

OWNER

⑧ NAME: Yellow Freight Systems, Inc. (FIRST / MIDDLE / LAST)

⑨ MAILING ADDRESS: 10990 Roe Avenue, Post Office Box 7270

⑩ CITY: Overland Park ⑪ STATE: Kansas ⑫ ZIP: 66207

⑬ PHONE: (WORK) (913) 345-3000 ⑭ (HOME) _____

REQUEST

This request is for a(n):

⑮ ☒ New permit

⑯ ☐ Repair or alteration permit

⑰ ☐ Authorization for mobile home exchange

⑱ ☐ Other (specify) _____

DESIGN CRITERIA

System will serve:

⑲ ☐ Residence ⑳ ☐ Mobile home

㉑ ☒ Business or place of public assembly

㉒ Number of bedrooms? _____

㉕ Type? Truck Terminal

㉓ Maximum occupancy? _____

㉖ Maximum number of employees? 50/shift (2 shifts)

㉔ Basement? ☐ yes ☐ no

㉗ Maximum number of seats? 8

WATER SUPPLY

㉘ Water supply from (present or proposed):

A ☐ Individual well

B ☐ Municipal system

C ☐ Community well

D ☐ Community system

Approved As To Form
Legal Department
Yellow Freight System, Inc. Of Delaware
By _____ Date 3/23/88

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 DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: _____

Date: 3/23/88

IMPROVEMENT PERMIT

The undersigned, an authorized agent of the MECKLENBURG COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH, 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 _____ 6-8-88 Date

Director or Authorized Section Head _____ 6-8-88 Date

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

PROPOSED PLOT PLAN

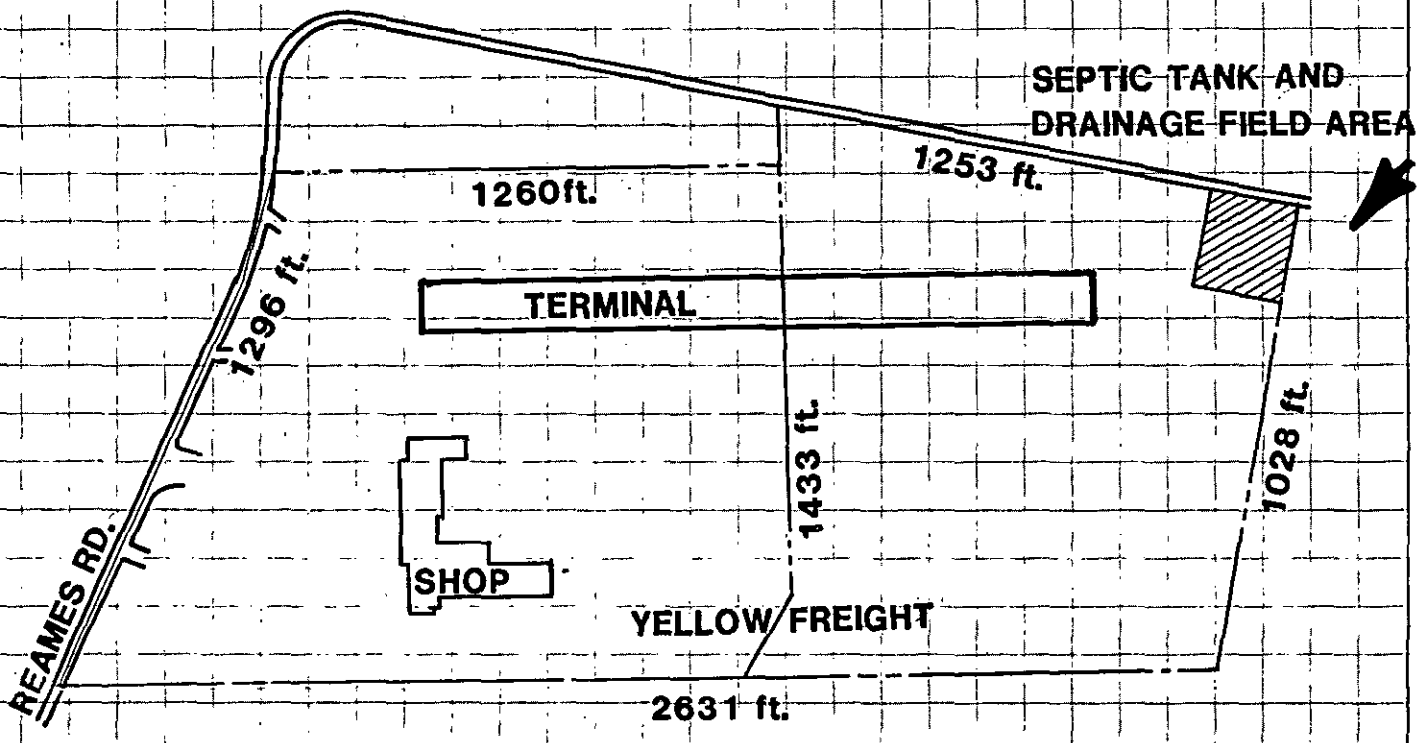
MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

FILE: 4209A

TC: _____

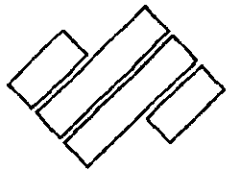
Draw in and name all roads adjoining the property. Draw in and accurately dimension the lot concerned. *Accurately indicate property boundaries, proposed and/or existing structures and driveways, underground utilities, and wells and springs within 100 feet of the proposed building or drainfield.*



Signed: _____

Date: _____

4209A



J. N. Pease Associates

Architecture
Engineering
Planning

March 30, 1988

Ms. Sylvia Daniel
Mecklenburg County Division of
Environmental Health
1200 Blythe Boulevard
Charlotte, North Carolina 28203

Reference: Yellow Freight Terminal Expansion
Charlotte, North Carolina

Subject: Improvement Permit

Dear Ms. Daniel:

Enclosed is a set of plans and specifications, for the referenced project, to be reviewed for an Improvement Permit. A set has also been submitted to Mr. Steve Berkowitz in Raleigh.

I have an application and a $50 application fee.

Please contact us if you have any questions.

Sincerely,

Jeffrey I. Smith, EIT

JIS/lw

Enclosure

Post Office Box 18725
2925 E. Independence Blvd.
Charlotte, North Carolina 28205
704/376-6423

Post Office Box 12714
50 Park Office, Suite 3
Research Triangle Park, N.C. 27709
919/549-0503

Tax map no. should be 025-021-10 in file, not 025-021-07

MECKLENBURG COU
Department of Environmental H

January 25th, 1988

Barry Sigmon
11001 Reames Road
Charlotte, NC 28213

RE: Property located at Reames Road
FILE: 4209A
PARCEL: 02502107 PO

Dear Sir:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. The results of this investigation showed the property to be classified UNSUITABLE for the installation of such a system. A copy of the Site Evaluation Report (Serial Number 14955) is enclosed.

State regulations provide that sites originally classified unsuitable may be utilized for the installation of alternate or modified sewage disposal systems provided the requirements of 10 NCAC 10A .1948 (c) are met. A reprint of this section is enclosed for your information.

Should you desire to file for permission to install an alternate or modified sewage treatment system on the property, please submit an Application For An Improvement Permit with an ACCURATELY dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems to this office. They will be reviewed, and if it is determined that the proposed system may reasonably be expected to function satisfactorily, an Improvement Permit will be issued by the Department upon completion by you, of a formal request for lot reclassification.

If I may be of any assistance, please feel free to call.

Sincerely,

Sylvia D. Daniel, R.S.
Environmental Health Supervisor
Environmental Resources Division

Enclosure (2)

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
SITE EVALUATION REPORT
SERIAL NUMBER 14955

File: 4209A Action 5

Parcel: PO 035-021-10 ☐ PC

Location: Reames Road

Subdivision:

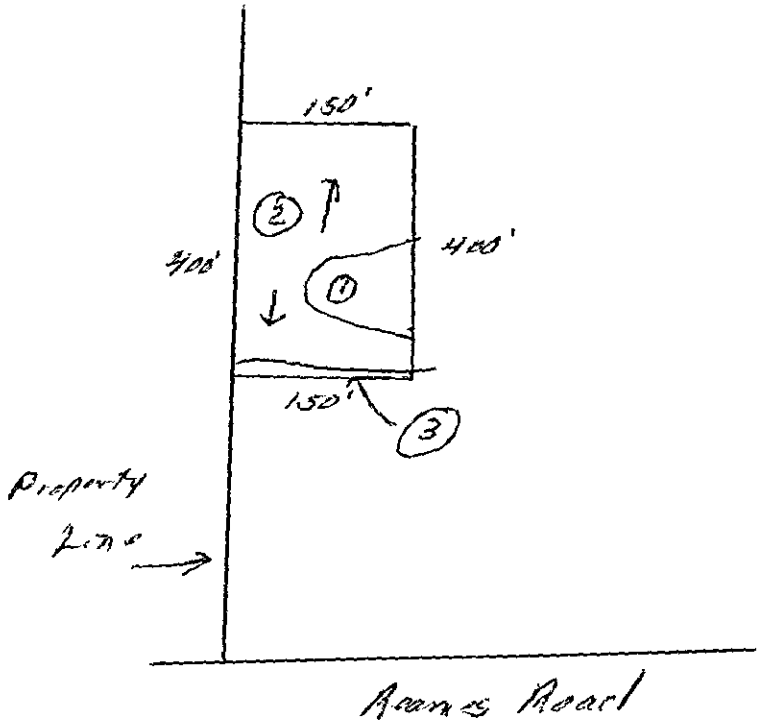
Lot: Block: Acres: Approx 1.4

Owner: Barry Sigmon
Address: 11001 Reames Rd.
Charlotte, N. C. 28213

Comments: _____

Described by: William R. Marlin

Date: 1-21-88



*** 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 2-8%	(S) PS U 2-10%	S PS (U) Depression	S PS U	S PS U	S PS U
Texture	S (PS) U Clay	S PS (U) 2-1 clay	S PS U —	S PS U	S PS U	S PS U
Structure	S (PS) U Blocky	S (PS) U Blocky	S PS U —	S PS U	S PS U	S PS U
Drainage	S (PS) U 7-36" to water	S PS (U) perch'd water 30-36"	S PS U —	S PS U	S PS U	S PS U
Depth	S (PS) U 7-36"	S (PS) U 7-36"	S PS U —	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U 7-36"	S (PS) U 7-36"	S PS U —	S PS U	S PS U	S PS U
Available Space	S PS (U) Restricted	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	1 UA Cecil-Lilac	1UB Enon-Helena	Depression			
Area Classification	S PS (U)	S PS (U)	S PS (U)	S PS U	S PS U	S PS U

COMM. NO. 87076 DESIGN FOR.....

PROJECT. YELLOW FREIGHT PREPARED BY. SIS

FILE UNDER..... DATE. 1/15/87

J.N. Pease Associates

Architecture
Engineering
Planning

SEPTIC TANK DESIGN (BASED ON EPA DESIGN MANUAL)

- MINIMUM EFFECTIVE TANK VOLUME

VOLUME CALC. CONSISTENT WITH MECK. CO. ENVIRON. HEALTH, ACCORDING TO SLYVIA DANIEL 1/15/88

$V = 1125\ gal + 75\%\ Q$ WHERE $Q = 2500\ gpd$

$V = 1125\ gal + 75\%\ (2500\ gal)$

$V = 3000\ gal$

- DRAINAGE FIELD DESIGN.

LOADING RATE = $0.3\ gal/SF$

AERA REQUIRED = $\frac{2500\ gal}{0.3\ gal/SF} = 8333.33\ SF$

ASSUME 3' TRENCHES: $\frac{8333.33\ SF}{3\ FT} = 2777.78$ LF OF TRENCHES

SPACING: 6 FT, MEASURED SIDEWALL TO SIDEWALL

LENGTH: 100 FT

FIELD DIMENSIONS: 28 ROWS, 100' EA. L = 100'

WIDTH: 27 SPACES @ 6' = 162'
+ 28 ROWS @ 3' = 84'
W = 246'

4209A

1) Existing building served by package treatment plant, plant at max caps.

2) new System design based on 50 employee per shift Two shifts, (100 employees) 2800 Lin feet

3) Plumbing stub out >15', in ground raw sewage pump to be utilized

4) dosing tank to be added to plan

5) 100% Repair area required not shown / additional Soil work (needed to find repair area)

5/23/88

MECKLENBURG COUNTY

Department of Environmental Health
December 15th, 1987

Barry Sigmon
11001 Reames Road
Charlotte, NC 28213

RE: Property located at Reames Road
FILE: 4209A
PARCEL: 02502107 PO

Dear Sir:

At your request, a field investigation was conducted on the property designated above for the purpose of determining site suitability for the installation of a ground absorption sewage disposal system. Results of the investigation revealed that the lot contains soils which have been classified as PROVISIONALLY SUITABLE in accordance with the provisions of 10 NCAC 10A .1900. A copy of the Site Evaluation Report (Serial Number 14872) deliniating the soil types and their respective classifications is enclosed.

While this classification indicates the site is acceptable for the installation of a septic tank system, no specific system or plans have been approved. The area available for such an installation may impose limitations on the size and/or type construction permitted on the lot. Specific plan approval will be provided upon submission of an Application For An Improvement Permit with an ACCURATELY dimensioned plot plan detailing the location of current and/or proposed buildings, wells and sewage disposal systems and determination that the area is adequate to accomodate the proposed construction.

Please note that this classification may be revoked if any filling, grading or construction (including the drilling of a well) is performed on the lot which in the opinion of this Department renders any area previously designated suitable for system installation, unsuitable. Futhermore, this approval may be revoked should any changes occur in the regulations under which it was granted, if such changes would have prevented its approval had they been in effect on the date of issuance.

If there are any questions concerning this matter, do not hesitate to contact me.

Sincerely,

Sylvia D. Daniel, R.S.
Environmental Health Supervisor
Environmental Resources Division

enclosure

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

MECKLENBURG COUNTY ENVIRONMENTAL HEALTH
SITE EVALUATION REPORT
SERIAL NUMBER 14872

File: 4209A Action 4

Parcel: 02502107 PO ☐ PC

Location: Reames Road

Subdivision:

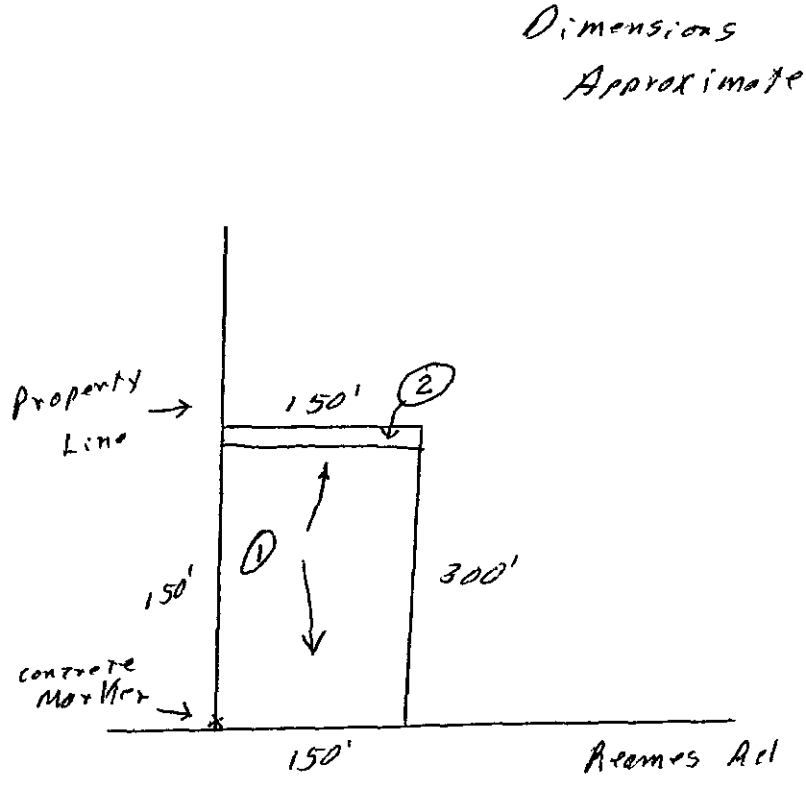
Lot: Block: Acres: Approx 1.0

Owner: Barry Sigmon
Address: 11001 Reames Road
Charlotte, NC 28213

Comments: _____

Described by: William R. Marlin

Date: 12-15-87



***** 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 2-8%	S PS (U) Depression	S PS U	S PS U	S PS U	S PS U
Texture	S (PS) U Clay	S PS U —	S PS U	S PS U	S PS U	S PS U
Structure	S (PS) U Blocky	S PS U —	S PS U	S PS U	S PS U	S PS U
Drainage	S (PS) U >36" to water	S PS U —	S PS U	S PS U	S PS U	S PS U
Depth	S (PS) U >36"	S PS U —	S PS U	S PS U	S PS U	S PS U
Restrictive Horizons	S (PS) U >36"	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	IUA Enon/Iredell	Depression				
Area Classification	S (PS) U	S PS (U)	S PS U	S PS U	S PS U	S PS U

12/7/87 Soil investigation $30.00 Jw

APPLICATION FOR SOIL INVESTIGATION

MECKLENBURG COUNTY · ENVIRONMENTAL HEALTH ·

1200 BLYTHE BOULEVARD
CHARLOTTE, NC 28203
PHONE (704) 376-4603

(OFFICE USE ONLY)

FILE: 4209A

TC: 025-021-07

☐ PC ☐ REPT

JOB LOCATION

① ADDRESS: 11001 Reames Road

② SUBDIVISION: _____ ③ LOT: 10 ④ BLOCK: _____

⑤ PARCEL REFERENCE: BOOK NO.: 25 PAGE NO.: 02 PARCEL NO.: 21

⑥ DEED REFERENCE: BOOK NO.: 4701 PAGE NO.: 0568

OWNER

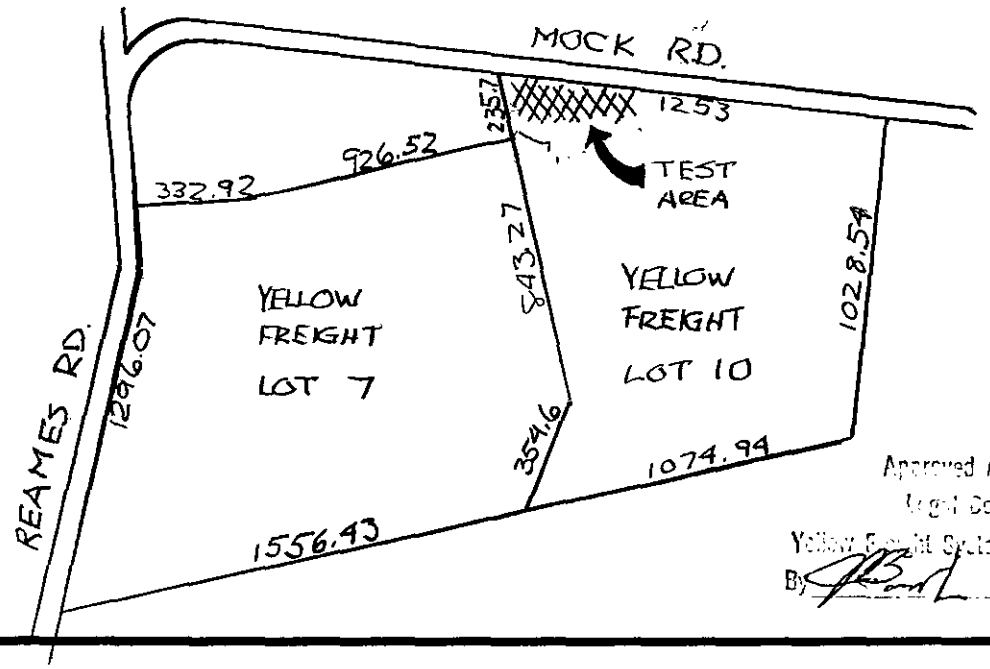
⑦ NAME: Barry (FIRST) -- (MIDDLE) Sigmon (LAST)

⑧ MAILING ADDRESS: 11001 Reames Road

⑨ CITY: Charlotte ⑩ STATE: N. C. ⑪ ZIP: 28213

⑫ PHONE: (WORK) 597-1831 (HOME) _____

⑬ Accurately diagram and dimension lot.



Approved As To Form
Legal Department
Yellow Freight System, Inc. Of Delaware
By _____ Date 12/2/87

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 DEPARTMENT OF ENVIRONMENTAL HEALTH to enter onto the property for the purpose of processing this request.

Signed: _____
Forrest Burm, Sr. Vice President

Date: 12/2/87

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

12/3/87

WHITE - ENVIRONMENTAL HEALTH DEPARTMENT'S COPY ● CANARY - ENVIRONMENTALIST'S COPY ● PINK - OWNER'S COPY

12-15-87

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Don Garbrick
JN Rease

MECKLENBURG COUNTY

Department of Environmental Health
December 15th, 1987

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11001 Reames Road
Charlotte, NC 28213

RE: Property located at Reames Road
FILE: 4209A
PARCEL: 02502107 PO

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Sylvia D. Daniel jm

Sylvia D. Daniel, R.S.
Environmental Health Supervisor
Environmental Resources Division

enclosure

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

REPORT
R14872

Parcel: 02502107 PO ☐ PC

Reames Road

sion:

Approx
.t: Block: Acres: 1.0

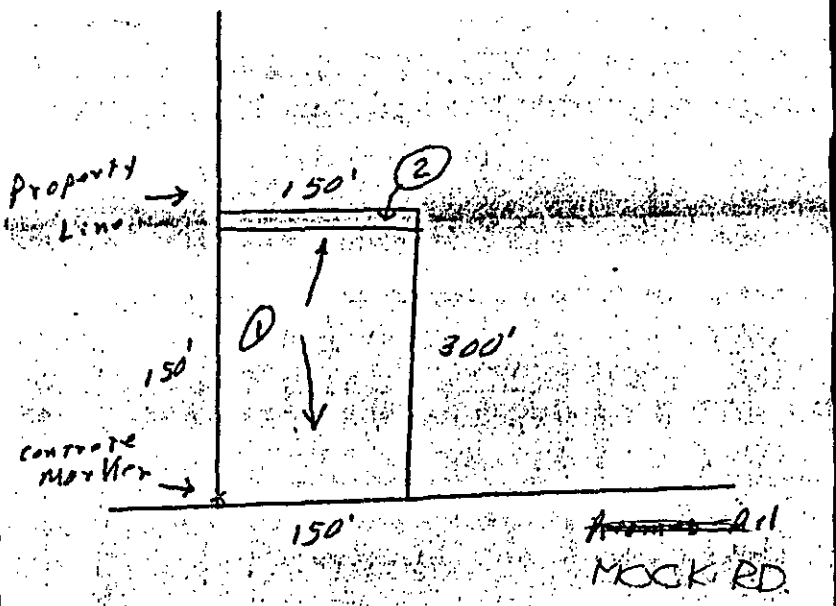
Owner: Barry Sigmon
Address: 11001 Reames Road
Charlotte, NC 28213

Comments: _____

Described by: William A. Marlin

Date: 12-15-87

Dimensions Approximate



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Texture	S (PS) U Clay	S PS U —	S PS U	S PS U	S PS U	S PS U
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Soil Group/Series	IUA Enon/-1.1%	Depression				
Area Classification	S (PS) U	S PS (U)	S PS U	S PS U	S PS U	S PS U