


9215 DOGWOOD RIDGE DR

13925143

12/27/2007

duponbj

Groundwater and Wastewater Services File Imaging Project

May 2007

*Barcode Font = IDAutomationHC39M*

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

**Receipt Information**

**Date:** 12/18/01
**Receipt #:** 4121
**Check / Auth #:** CHARGE
**Received By:** FOSTERV

**Amount:** 150.00
**Tendered:** 150.00
**Returned:** 0.00

**Account Information**

**Account #:** B42960
**Contractor:** HUCKS CLAYTON E
**Attn:**
**Address:** 1231 FOREST BLUFF DR
**Address:**
**City/State/Zip:** MIDLAND, NC 28107

| Item | Description | Permit# | Quantity | Unit Price | Total Price |
|---|---|---|---|---|---|
| 0703 | Installation/Final Approval<br>9215 Dogwood Ridge Dr | | 1 | 150.00 | 150.00 |

2273B

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

| Month-To-Date | Prior Month | 30 Days | 60 Days | 90 Days | Balance |
|---|---|---|---|---|---|
| 209.02 | | | | | |

DATE: 12-18-01

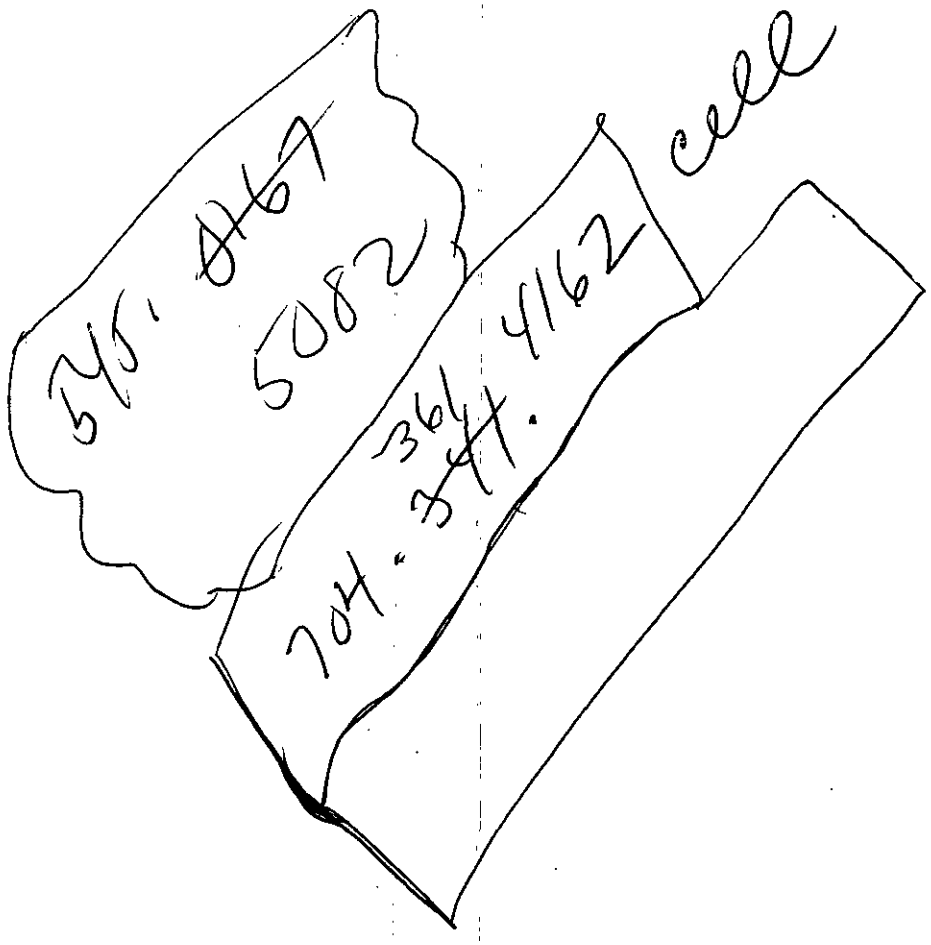
Attn: Ruby

Mecklenburg Environmental Health

Re: 9215 Dogwood Ridge Dr.
File No. 2273-B

From: Clay Hucks Construction

FAX: 336-6894



Paid 150 12/18/01

# CERTIFICATE OF COMPLETION/OPERATION PERMIT

**HEALTH DEPARTMENT**
**ENVIRONMENTAL HEALTH DIVISION**
**700 NORTH TRYON ST., SUITE 211**
**CHARLOTTE, NC 28202**
**PHONE (704) 336-5102**

FILE: 2273B DATE: 11-27-01

TC: 704-25-3080 X L X CRT

SERIAL Nº 18700

Name of Owner CLAY HICKS Juris.:

Address of Property 9215 DOGWOOD RIDGE DRIVE

**Inspection Data:**

Tank Material 1500 GAL

Total Length of Drainfield 600

Number of Lines 8 @ 25

Cover Depth 12"

Water Supply Source WELL

Distance to Water Source NOT INSTALLED

Excavation Inspected 11-27-01

Tank(s) Inspected 11-27-01

Wash Line Inspected —

High Water Alarm Inspected

SEE PLAN

PLOT

Design 1500 ST 1500 SFT CONV II C CTR# BOB McCARUFF

The undersigned has inspected the Septic Tank System described above, and certifies it has been

☐ installed or constructed ☐ altered or repaired

☒ in accordance with the permit issued ☐ as detailed in the plot above

and meets the provisions of I5A NCAC 18A. 1900, "Laws And Rules For Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. This issuance of this

☐ Certificate of Completion ☒ Operation Permit

does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of I5A NCAC 18A. 1990 in addition to those listed below under "COMMENTS." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

**Notice:** Disturbance of the designated repair area may result in the suspension/revocation of this permit.

COMMENTS: TYPE II-C

Environmental Health Specialist

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

# INSTALLATION, CONSTRUCTION, ALTERATION, AND/OR REPAIR APPROVAL

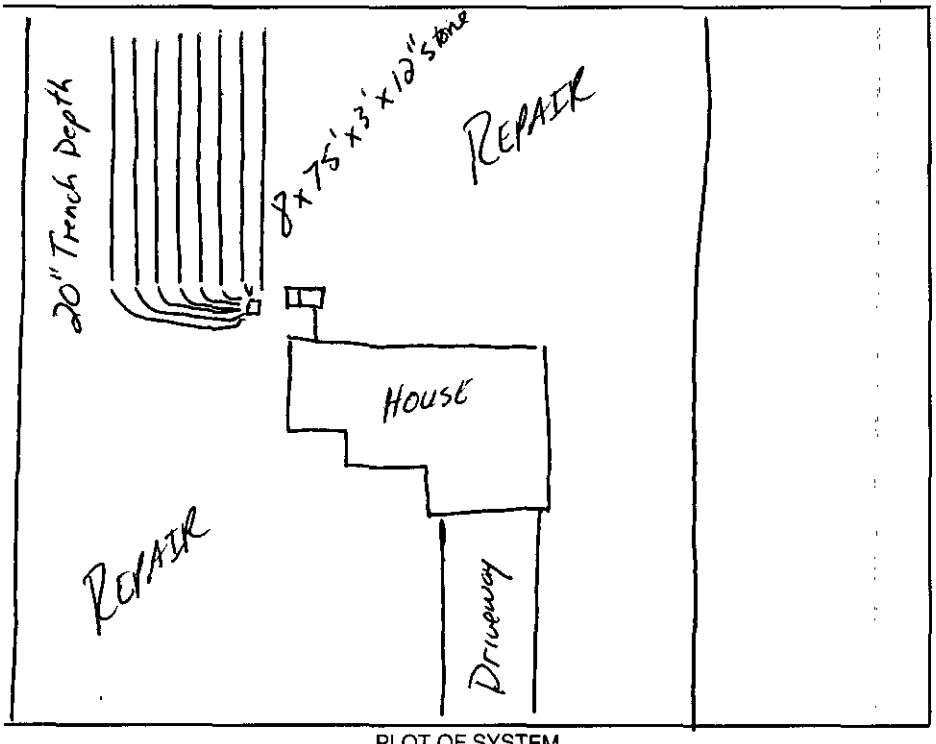
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON ST., SUITE 211
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: 2273B DATE: 11/26/01

TC: 139-251-3010 ☐ L

SERIAL No 18849

Permission is hereby given to ____ Install or Construct, ____ Alter or Repair the individual septic tank wastewater treatment system with subsurface, soil absorption, effluent discharge as specified herein at the described location. This permit is granted based upon the information supplied in the application dated 10-13-97. All work shall be completed on or before 12/26/01, after which date this permit shall be null and void. The system shall meet all of the construction requirements of 15A NCAC 18A .1900 which are in effect on the date of the granting of this permit. A Certificate of Completion or an Operation Permit must be obtained from the Mecklenburg County Health Department before any system can be covered up or placed into service. The issuance of this permit does not in any way guarantee that the system anticipated to be constructed will operate properly, or relieve any person now or hereafter owning, controlling or using such system from any liability resulting from the failure of the system to operate properly.




PLOT OF SYSTEM

9215 Dogwood Ridge Drive

Liquid Capacity of Septic Tank 1500 gallons

Liquid Capacity of Dosing Tank NA gallons

Tank Construction PCC

Trench Depth 20"

Absorption and/or Nitrification Lines:

Trench Width 3' feet

Trench Walls Scored and Porous yes

Total Line Length 600' feet

Number of Lines 8 x 75' x 3' x 10"

Depth of Stone 12" inches

Distance from House >5' feet

Distance from Property Line >10' feet

Distance from Well >100' feet

NOTICE: This system shall not be installed while soils are in a wet condition.

NAME OF OWNER Clay Hucks (Builder)

LOCATION OF PROPERTY 9215 Dogwood Ridge ~~Lane~~ Drive

Comments: Three Bedroom House

Install 8 lines x 75' x 3' x 12" Stone

Install according to engineered plans

Type II Conventional System - Shallow placed

Terry L Michels R.S.
Environmental Health Specialist

WHITE - HEALTH DEPARTMENT's COPY • CANARY - E.H.S. COPY • PINK - OWNER OR AGENT's COPY

FOR REGISTRATION
REGISTER OF DEEDS
MECKLENBURG COUNTY, NC
2001 DEC 17 11:56 AM
BOOK: 13034 PAGE: 156-160 FEE: $14.00
INSTRUMENT # 2001223765

**STATE OF NORTH CAROLINA**

**COUNTY OF MECKLENBURG**

**WASTEWATER TREATMENT AND DISPOSAL SYSTEM DESIGN AGREEMENT: 15A NCAC 18A .1948 AND ANY OF THE FOLLOWING RULES: .1956; .1957(a); .1957(b); or .1957(c); OR .1969**

**FILE #** 2273B
**PARCEL #** 139-251-93

The undersigned, Clay E. Hucks, owner of property located at 9215 Dogwood Ridge Drive, (the "site") and described in an instrument recorded in Book _____ at Page _____, Mecklenburg Public Registry, hereby acknowledges that the undersigned applied to the Mecklenburg County Health Department (the "Department") for a permit to install a septic tank sewage disposal system on the site; that the Department evaluated the site for suitability for such a system in accordance with the regulations promulgated by the North Carolina Commission for Health Services as 15A NCAC 18A .1900 et seq.; that the Department originally classified the site as "unsuitable" pursuant to the standards set forth in the regulations; that the undersigned requested that the Department reclassify the site as "provisionally suitable" in light of the particular septic tank system proposed by the undersigned; that the Department considered various studies, data, and other information which indicate to the Department that the septic tank system proposed by the undersigned is allowed by the rules; and that the Department therefore reclassified the site as "provisionally suitable" and issued an appropriate permit for such proposed septic tank system.

The undersigned further acknowledges that the proper design, construction, operation and maintenance of such septic tank system is the responsibility of the designer, owner, developer, installer, or user of the system, as applicable, and that neither the Department nor its officials, employees, or agents warrant or guarantee that the said system installed pursuant to the permit issued by the Department will function in a satisfactory manner for any given period of time or that the Department, its officials, employees or agents assume any liability for any damages of any kind which are caused, or which may be caused, by a malfunction of such system.

The undersigned further acknowledges that the following conditions will apply to the site:

- Any changes on the property may make the Improvement Permit Null and void and may make the Improvement Permit subject to revocation.

*This instrument was prepared by:* Clay E. Hucks
*Mail after recording to:* 1231 Forest Bluff Dr.
Midland, NC 28107

150 3 Bdrm 100 - 2nd soil info will not Perk By 9/6/00 ACS

**FEE: 250 AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION**
**DATE: 10/18/00 VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE**

DATE: 10/18/00 9215 PERMIT NO: 2273-B
PARCEL NO: 139-251-30

JOB LOCATION ADDRESS: ~~9225~~ DOGWOOD RIDGE
PROPERTY OWNER: CLAY INCKS
BUILDING CONTRACTOR: "
SUBDIVISION NAME: DOGWOOD RIDGE, LOT #38
AUTHORIZATION ISSUED BY: [signature] DATE: 10/18/00
DEHNR AUTHORIZED AGENT

## AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NO. 2273-B, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. AN INSTALLATION, CONSTRUCTION, ALTERATION AND/OR REPAIR APPROVAL MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A REGISTERED SEPTIC TANK CONTRACTOR WITH MECKLENBURG COUNTY HEALTH DEPARTMENT.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. OTHER CONDITIONS: ① AGREEMENT FORMS REQUIRED PRIOR TO LPP REPAIR AREA.

## OWNER CERTIFICATION

I CERTIFY THAT THERE HAVE BEEN NO ALTERATIONS IN SITE OR SOIL CONDITIONS OR MODIFICATIONS TO FACILITY, WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS FROM THOSE SPECIFIED IN THE ORIGINAL APPLICATION OR ASSOCIATED IMPROVEMENT PERMIT UNLESS AUTHORIZED IN WRITING BY THE MECKLENBURG COUNTY HEALTH DEPARTMENT. I ALSO UNDERSTAND THAT ANY SUCH ALTERATIONS, MODIFICATIONS, OR FALSE INFORMATION ARE GROUNDS FOR REVOCATION OF PERMITS AND AUTHORIZATION TO CONSTRUCT.

X [signature] 10-19-00
SIGNATURE OF ~~OWNER~~/OWNER'S REPRESENTATIVE DATE

# MECKLENBURG COUNTY
# ENGINEERING & BUILDING STANDARDS DEPARTMENT

## Miscellaneous Fees

| Requestor (Please print): Clay Hucks | Phone #: | Date Requested: 10/19/00 | Date Filled: |
|---|---|---|---|
| Account Name: Hucks Clayton E | ☐ Cash ☑ Charge | Account No.: BL2960 | |

I certify that I am authorized to charge this account for this service.

Signature: X Clay Hucks Printed Name: Clay Hucks Date: 10-19-00

### Fee or Charge

| T.C. | Qty. | Type | Unit Cost | Total Cost |
|---|---|---|---|---|
| 021 | | *Single Lot Grading Permit* (Please list address below) | | |
| 112 | | Zoning Board of Adjustment<br>☐ Residential Variance Request ☐ Commercial Variance Request<br>☐ Residential Interpretation ☐ Commercial Interpretation | | |
| 113 | | Zoning Citation(s) # _____ | | |
| | | ☐ 117: Certificate of Compliance* ☐ 118: Certificate of Occupancy* (original is free) | $10.00 ea. | |
| 119 | | Change of Contractor* | $10.00 ea. | |
| 121 | | Letters of Certification/Verification | $10.00 ea. | |
| 122 | | Monthly Statistical Reports | $10.00 ea. | |
| 124 | | Research & Retrieval of Documents | | |
| 125 | | Temporary Utilities/Occupancy* | $30.00/insp. | |
| | | Local License Card/Exam<br>☐ 128: Mechanical ☐ 129: Plumbing ☐ 132: Electrical | | |
| | | Development Activities Plan Review<br>☐ 002: Commercial Drainage ☐ 005: Erosion Control<br>☐ 016: Subdivision ☐ 006: Final Plat Review | | |
| 425 | | City of Charlotte Fire - Plan Review | | |
| | | Map Sales | | |
| 934 | 2 | Other: Built to Construct | 150.00 | 300 |
| 702 | 1 | Other: Additional Site Evaluations | 100.00 | 100.00 |
| Payment received by: Tracy Cross | | Date: 10/19/00 By: DC | Total: | 400.00 |

* Please list all permit numbers/addresses that relate to your request. A request for temporary utilities (gas and electric) would require two permit numbers.

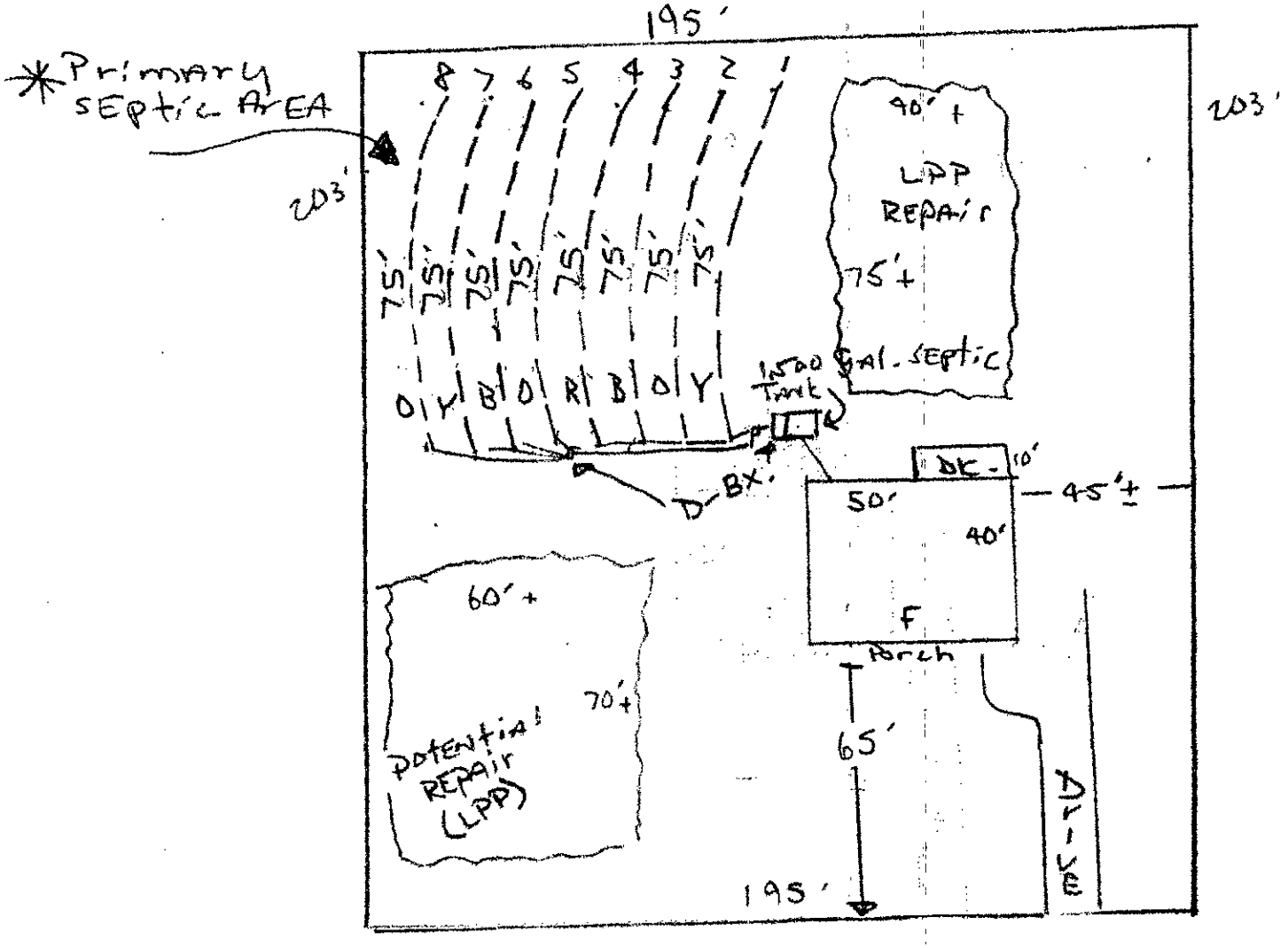
| | | |
|---|---|---|
| 1235 Dogwood Dr. Tr. Lt 223B | | |
| 9015 Old Sound Rd. Tr. Lt 227B | | |
| | | |

B-216NS 8/95

WHITE – AUDIT CANARY – CUSTOMER PINK – DIVISION

MCHD
File: 2273-B
Lot 38

(3) Bedrm. CONVENTIONAL/Gravity Plan & LPP REPAIR AREA Proposal.
Shallow Placed SAS.




9215 Dogwood Ridge Dr.

* System Design based on 2 LTAR PER Soils Report
* 1,500 gal. SEPTIC Tank.
  (8) 75' CONVENTIONAL/Gravity = 600' Total
  12" gravel to be placed in EACH LINE.
* units shallow placed at 20" TRENCH DEPTH.
  8" backfill + 4" uniform CAP.

10/13/00 PLAN APPROVED D. Walker

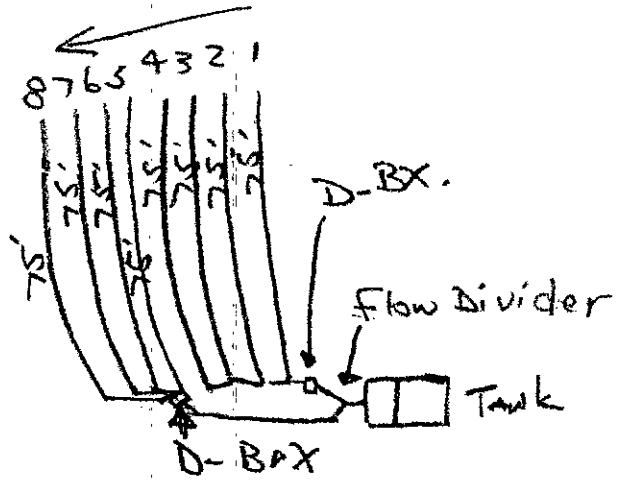
Thornton 86-954D 4/20

File: 2273-B

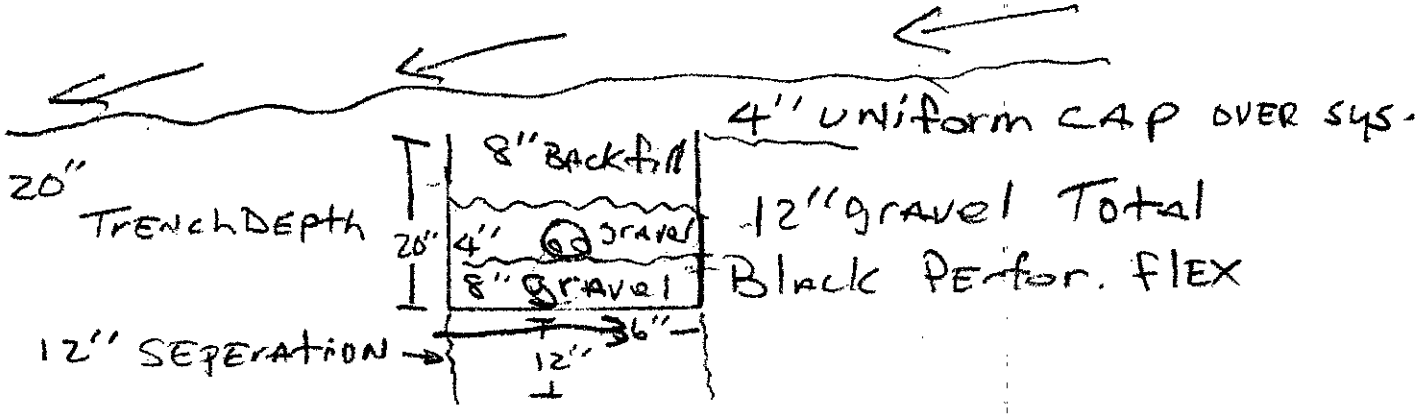
(3) Bedrm. Conventional / Gravity Septic Plan:

SPECS:

1,500 gal. Septic Tank
① Flow Divider
② Distribution Boxes
(8) 75' conventional Lines = 600'




## Trench Profile




Whittaker not scaled

Permit Number 2273-B

Tax Number: 139-251-30

The IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be NO grading, filling or disturbance of the soil in the area of the septic tank system or repair area.

CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. The Construction Authorization is NOT transferable. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.

Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

| | | | |
|---|---|---|---|
| Basement | ___ Yes | X No | ___ Partial Basement |
| Type Primary Wastewater System<br>Type (circle one):<br>I (II) III IV V VI | ___ Conventional<br>___ Prefabricated, permeable block panel system<br>X Shallow Placed Conventional | ___ Low Pressure Pipe<br>___ Large Diameter Pipe<br>___ Fill<br>___ Other | ___ Innovative or Experimental:<br>___ IWWS-93-1<br>___ IWWS-93-2<br>___ IWWS-94-1 |

| | | | |
|---|---|---|---|
| 1.2 Long-term acceptance rate | 360 Max gallons/day wastewater flow | 1800 Absorption Area (sq ft) | 9' Trench spacing (min. on centers) |
| YES Serviced by private well | 1500 Gallon septic tank | 600 Total trench length (ft) | 20" Maximum trench depth (At least 12" of provisionally suitable soil must remain between trench bottom and unsuitable soil conditions) |
| 3 Bedrooms in residence | ___ Gallon pump tank | 12" Depth of stone | |

Any surface waters present: Type: Minimum separation distance:

Site modifications required:

Additional Conditions: ① SEE PLAN ON FILE

| | | | |
|---|---|---|---|
| Repair Area System Type<br>Type (circle one):<br>I II III (IV) V VI | ___ Conventional<br>___ Prefabricated, permeable block panel system<br>___ Shallow Placed Conventional | X Low Pressure Pipe<br>___ Large Diameter Pipe<br>___ Fill<br>___ Other | ___ Innovative or Experimental:<br>___ IWWS-93-1<br>___ IWWS-93-2<br>___ IWWS-94-1 |

| | | | |
|---|---|---|---|
| 3600 Absorption Area (Sq ft)<br>220 Total Trench Length (Ft) | 10" Depth of Stone Trench | 5' Trench spacing (min. on centers) | 12" Maximum Trench Depth |

For existing system, enter the year originally installed:

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 Sewage, 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 by this Department.
- This Improvement permit is transferable.

DEHNR Authorized Agent — Date 10/18/00

X Owner/Agent Signature — Date 10-19-00

MECKLENBURG COUNTY
HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR.
SUITE 211
700 N. TRYON ST.
CHARLOTTE, N.C. 28202.
(704) 336-5102

NORTH CAROLINA DEPARTMENT OF
ENVIRONMENTAL, HEALTH,
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

FEE: 100 — CK# 3763

DATE: 10/13/97

# APPLICATION FOR IMPROVEMENT PERMIT FOR RESIDENTIAL SITE INDIVIDUAL WATER AND WASTEWATER SYSTEMS PROGRAM

10/28/97 SC

TYPE APPLICATION: ✓ NEW SYSTEM __ EXPANSION/ ALTERATION OF EXISTING SYSTEM __ REPAIR OF EXISTING SYSTEM

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

FILE #: ~~2239B~~ 2273B

PROPERTY INFORMATION (FROM ENGINEERING FORM) FOR JOB LOCATION:

TAX/PARCEL NUMBER: 139-251-30 PO

STREET ADDRESS: ~~9215~~ DOGWOOD RIDGE

SUBDIVISION OR MOBILE HOME PARK NAME:

LOT NUMBER: (30) LOT 11

TOWNSHIP (CHECK ONE):

__ 0 MECKLENBURG
__ 1 CHARLOTTE
__ 2 DAVIDSON
__ 3 CORNELIUS
__ 4 PINEVILLE
__ 5 MATTHEWS
__ 6 HUNTERSVILLE
__ 7 MINT HILL

CLOSING DATE _____

TYPE OF BUILDING (CHECK ONE):

__ SINGLE MOBILE HOME(S)
__ DOUBLE WIDE (D)
✓ HOUSE (H)
__ MODULAR HOME (M)
__ MULTIPLE FAMILY (U)
__ OTHER (O)

HEATED SQUARE FOOTAGE: 1400

NUMBER OF BEDROOMS: 3 NUMBER OF OCCUPANTS: 2

FOUNDATION FOR RESIDENCE:

__ WITHOUT BASEMENT
__ ON SLAB
✓ CRAWL SPACE
__ WITH BASEMENT /PLUMBING
__ WITH BASEMENT /NO PLUMBING

IF EXPANSION/ALTERATION OF EXISTING SYSTEM, DESCRIBE THE PROPOSED BUILDING ADDITION:

WILL THERE BE A HOME BUSINESS IN THE RESIDENCE: __ YES ✓ NO TYPE: _____

WATER SUPPLY (CHECK ONE):
__ COMMUNITY (C)
__ MUNICIPAL (M)
✓ PRIVATE WELL (P)
__ SHARED WELL (S)
__ OTHER 'SPRINGS' (O)

IF ANY OF THE FOLLOWING ARE LOCATED ON THE PROPERTY, PLEASE SHOW LOCATION ON PLAT:

BURIED CABLES, LANDFILLS, STUMPHOLES __ YES ✓ NO
EXISTING WASTEWATER SYSTEMS __ YES ✓ NO
EASTMENTS OR RIGHT-OF-WAYS __ YES ✓ NO
WELL, SPRINGS OR WATERLINES __ YES ✓ NO
DESIGNATED WETLANDS __ YES ✓ NO

PROPERTY OWNER: Clay Hucks

NAME: Hucks (LAST) Clay (FIRST) F (MI)

ADDRESS: 14231 Kendalton Meadow Dr.

CITY: Charlotte STATE: NC ZIP: 28277

DAYTIME PHONE: 704 545-0167

LEGAL AGENT FOR PROPERTY OWNER, IF APPLICABLE:

NAME: (LAST) (FIRST) (MI)

DAYTIME PHONE: ( ) —

WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED? 10-30-97

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 agents of the Mecklenburg County Health Department to enter onto the property for the purpose of processing this request.

SIGNED: Clay Hucks DATE: 10-13-97

MECKLENBURG COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
c/o HAL MARSHALL CTR., SUITE 211, 700 N. TRYON ST., CHARLOTTE, N.C. 28202., (704) 336-5102

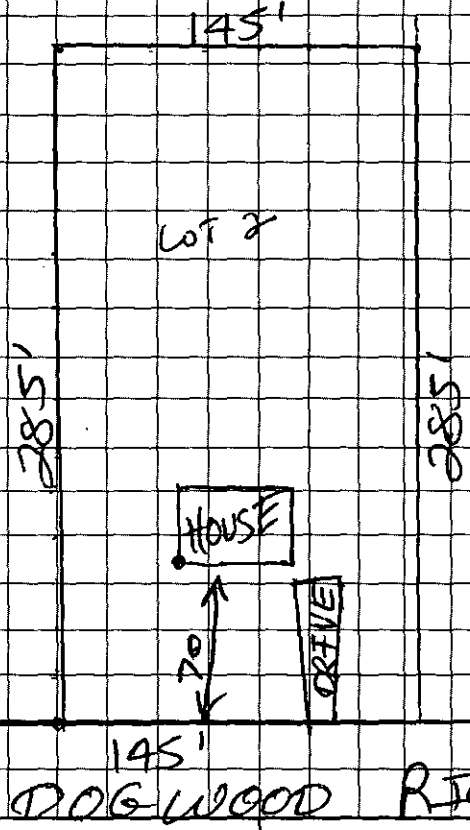
# PROPOSED PLOT PLAN

HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
700 NORTH TRYON STREET
CHARLOTTE, NC 28202
PHONE (704) 336-5102

FILE: ~~22398~~ 2273B

TC: 139-251-3090

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.




OWNER/AGENT SIGNATURE

DATE 10-13-97

APPROVAL DATE _____

White - Health Department's Copy  Canary - E.H.S. Copy  Pink - Owner's Copy

# Mecklenburg County
## Health Department

November 28, 2001

Clay Hucks
1819 McManus Rd.
Midland, NC 28107

Dear Mr. Hucks,

I am writing in reference to the property located 9215 Dogwood Ridge Drive. Our files indicate that a wastewater treatment and disposal agreement is required before the Operation Permit can be issued. One is usually given when the Construction Authorization is granted, however, I have included one in this letter. Once this has been completed and filed with the Register of Deeds office, please forward a copy to this office.

If you have any questions, please contact me at 704-336-5573.

Sincerely,

J. Andrew Walker RS
Individual Water and Wastewater Section
Environmental Health Section

NEED
AGREEMENT
FORMS

DEPARTMENT OF ENVIRONMENT, HEALTH, AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

ACS 2nd #2

Sheet: _____

Property ID: PO 139-25-130

Lot #: # 38

File #: 22138

# SOIL/SITE EVALUATION
## *for* ON-SITE WASTEWATER SYSTEM

OWNER: Clay Hucks

APPLICANT: _____

ADDRESS: 14231 Kendalton Meadow Dr, Chas. DATE EVALUATED: 3-3-00

PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949) 360gpd PROPERTY SIZE: .91

LOCATION OF SITE: 9215 Dogwood Ridge Dr. PROPERTY RECORDED: _____

WATER SUPPLY: ☒Private ☐Public ☒Well ☐Spring ☐Other _____

EVALUATION METHOD: ☒Augur Boring ☐Pit ☐Cut

TYPE OF WASTEWATER: ☐Sewage ☐Industrial Process ☐Mixed

| PROFILE # | 2-9% slopes .1940 Landscape Position/ Slope % | Horizon Depth (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | OTHER PROFILE FACTORS .1943 SOIL DEPTH | OTHER PROFILE FACTORS .1956 SAPRO CLASS | OTHER PROFILE FACTORS .1944 RESTR HORIZ | PROFILE CLASS &LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | LS | 0-4" | gr/sc/l | Fr/SE×Pl SS/SP | >32" TO soil wetness | 32" | N/A | None | US IV .2 gpd/Ft |
| | | 4-30" | SBK/C | Fi/SE×Pl S/P | | | | | |
| | | 30-32" | SBK/C | VFi/ Mixed/ VS/ VP | | | | | |
| 2 | LS | 0-5" | gr/sc/l | Fr/SE×Pl SS/SP | >33" TO soil wetness | 33" | N/A | None | US IV .25 gpd/Ft |
| | | 5-33" | SBK/C | Fi/SE×Pl S/P | | | | | |
| 3 | LS | 0-4" | gr/c/l | Fr/SE×Pl SS/SP | >28" TO soil wetness | 28" | N/A | None | US IV .1 gpd/Ft (LPP) |
| | | 4-28" | SBK/C | Fi/SE×Pl S/P | | | | | |
| 4 | LS | 0-5" | gr/c/l | Fr/SE×Pl SS/SP | >29" TO soil wetness | 29" | N/A | None | US .15 gpd/Ft IV (LPP) |
| | | 5-29" | SBK/C | Fi/SE×Pl S/P | | | | | |
| 5 | LS | 0-3" | gr/c/l | Fr/SE×Pl SS/SP | >23" TO soil wetness | 23" | N/A | None | US IV .15 gpd/Ft |
| | | 3-23" | SBK/C | Fi/SE×Pl S/P | | | | | |
| 6 | LS | 0-2" | gr/c/l | Fr/SE×Pl SS/SP | >25" TO soil wetness | 25" | N/A | None | US IV .15 gpd/Ft (LPP) |
| | | 2-25" | SBK/C | Fi/SE×Pl S/P | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | US | US |
| System Type(s) | | |
| Site LTAR | | |

OTHER FACTORS (.1946): _____

SITE CLASSIFICATION (.1948): Unsuitable

EVALUATED BY: W.A. Mallis ess 3-3-00

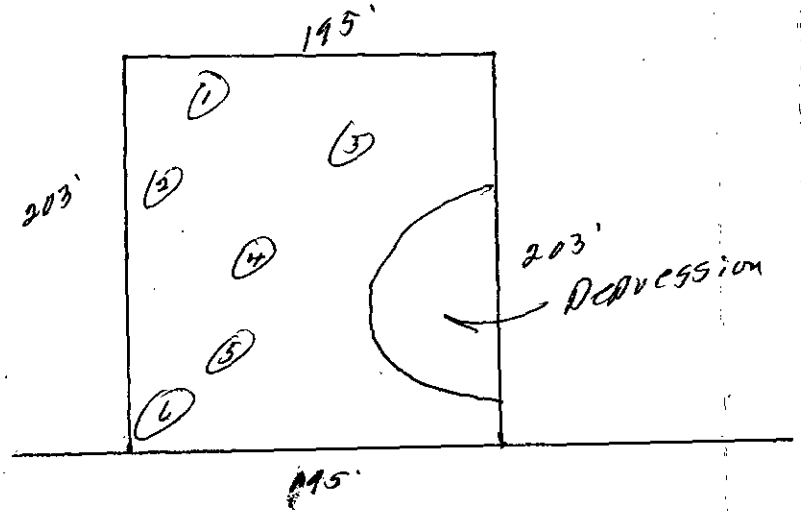
OTHER(S) PRESENT: _____

FILE # 227373

COMMENTS 1076 Repair

| LANDSCAPE POSITION | GROUP | TEXTURE | .1955 LTAR | CONSISTENCE MOIST | CONSISTENCE WET |
|---|---|---|---|---|---|
| R-RIDGE | I | S-SAND | 1.2-0.8 | | |
| S-SHOULDER SLOPE | | LS-LOAMY SAND | | VFR-VERY FRIABLE | NS-NON-STICKY |
| L-LINEAR SLOPE | | | | FR-FRIABLE | SS-SLIGHTLYSTICKY |
| FS-FOOT SLOPE | II | SL-SANDY LOAM | 0.8-0.6 | FI-FIRM | S-STICKY |
| N-NOSE SLOPE | | L-LOAM | | VFI-VERY FIRM | VS-VERY STICKY |
| H-HEAD SLOPE | | | | EFI-EXTREMELY FIRM | NP-NON-PLASTIC |
| CC-CONCLAVE SLOPE | III | SI-SILT | 0.6-0.3 | | SP-SLIGHTLYSTICKY |
| CV-CONVEX SLOPE | | SICL-SILTY CLAY LOAM | | | P-PLASTIC |
| T-TERRACE | | CL-CLAY LOAM | | | VP-VERY PLASTIC |
| FP-FLOOD PLAIN | | SCL-SANDY CLAY LOAM | | | |
| | IV | SC-SANDY CLAY | 0.4-0.1 | | |
| | | SIC-SILTY CLAY | | | |
| | | O-ORGANIC | | | |

| STRUCTURE | MINERALOGY |
|---|---|
| SG-SINGLE GRAIN | SLIGHTLY EXPANSIVE |
| M-MASSIVE | |
| CR-CRUMB | EXPANSIVE |
| GR-GRANULAR | |
| SBK-SUBANGULAR BLOCKY | |
| ABK-ANGULAR BLOCKY | |
| PL-PLATY | |
| PR-PRISMATIC | |



DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

1400 #1

COUNTY: 2273 B

PO 139-251-30

# SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

OWNER: Clay Hucks APPLICANT: 2/11

ADDRESS: 14231 Kendalton Meadow Dr, Elm APPLICATION DATE: DATE EVALUATED:

PROPOSED FACILITY: residence PROPOSED DESIGN FLOW (.1949): 360gpd PROPERTY SIZE: .95

LOCATION OF SITE: Dogwood Ridge PROPERTY RECORDED:

WATER SUPPLY: ☑ Private ☐ Public ☑ Well ☐ Spring ☐ Other

EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut

TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

| PROFILE # | 2-8% slopes .1940 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | LS | 0-3" | gr/cl | Fr/SEAP/ss/so | >27" TO 30:1 wetness | 27" | N/A | None | US |
| | | 3-15" | SBK/C | Fi/SEAP/sp | | | | | |
| | | 15-27" | SBK/C | VFi/EXAP/sp | | | | | |
| 2 | LS | 0-4" | gr/cl | Fr/SEAP/ss/so | 2.5Y 7/1 @ 30" | 32" | N/A | None | US |
| | | 4-27" | SBK/C | Fi/SEAP/sp | | | | | |
| | | 27-32" | SBK/ABK/ | VFi/EXAP/sp | | | | | |
| 3 | R | 0-4" | gr/cl | Fr/SEAP/ss/so | 7.5Y 6/1 TO 30:1 wetness | 46" | N/A | None | PS IV .3gl Fz |
| | | 4-46" | SBK/C | Fi/SEAP/sp | | | | | |
| 4 | R | 0-3" | gr/cl | Fr/SEAP/ss/so | 7.5Y 7/1 TO 30:1 wetness | 33" | N/A | None | US .3gl Fz IV |
| | | 3-27" | SBK/C | Fi/SEAP/sp | | | | | |
| | | 27-33" | SBK/cl | Fr/SEAP/ss/sp | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | | |
| Site LTAR | | |

OTHER FACTORS (.1946):

SITE CLASSIFICATION (.1948): Provisionally Suitable

EVALUATED BY: W.R. Marlin 11-3-97

OTHER(S) PRESENT: LSS

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

COUNTY: _____

# SOIL/SITE EVALUATION
## *for* ON-SITE WASTEWATER SYSTEM

2213B

OWNER: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

| PROFILE # | .1940 LANDSCAPE POSITION/ SLOPE % | HORIZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE | SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | OTHER PROFILE FACTORS .1943 SOIL DEPTH | OTHER PROFILE FACTORS .1956 SAPRO CLASS | OTHER PROFILE FACTORS .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 5 | A | 0-3" | gr/fl | Fr/SExPl ss/sP | 7.50" | 50" | N/A | None | PS .3g/Pz IV |
| | | 3-50" | sBK/c | Fi/SExPl s/P | TO 30"/ wetness | | | | |
| 6 | A | 0-5" | gr/fl | Fr/SExPl ss/sP | 7 46" | 46" | N/A | None | PS .3g/Pz IV |
| | | 5-46" | sBK/c | Fi/SExPl s/P | TO 30"/ wetness | | | | |
| 7 | A | 0-4" | gr/fl | Fr/SExPl ss/sP | 7 46" | 46" | N/A | None | PS .3g/Pz IV |
| | | 4-46" | sBK/c | Fi/SExPl s/P | TO 30"/ wetness | | | | |
| 4 | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | | |
| System Type(s) | | |
| Site LTAR | | |

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: _____
OTHER(S) PRESENT: _____

COMMENTS: 1000 Repair

# LEGEND

*use the following standard abbreviations*

| LANDSCAPE POSITION | GROUP | SOIL TEXTURE | CONVENTIONAL 1955 LTAR | LPP 1957 LTAR | MINERALOGY/ CONSISTENCE | STRUCTURE |
|---|---|---|---|---|---|---|
| C (Concave Slope)<br>V (Convex Slope)<br>I (Drainage Way)<br>S (Debris Slump)<br>P (Flood Plain)<br>S (Foot Slope)<br>I (Head Slope)<br>(Linear Slope)<br>(Nose Slope)<br>(Ridge)<br>(Shoulder Slope)<br>(Terrace) | I | S (Sand)<br>LS (Loamy Sand) | 1.2 - 0.8 | 0.6 - 0.4 | NEXP (Non-expansive)<br>SEXP (Slightly Expansive)<br>EXP (Expansive) | G (Single Grain)<br>M (Massive)<br>CR (Crumb)<br>GR (Granular)<br>SBK (Subangular Blocky)<br>ABK (Angular Blocky)<br>PL (Platy)<br>PR (Prismatic) |
| | II | SL (Sandy Loam)<br>L (Loam) | 0.8 - 0.6 | 0.4 - 0.3 | | |
| | III | SI (Silt)<br>SICL (Silty Clay Loam)<br>CL (Clay Loam)<br>SCL (Sandy Clay Loam)<br>SUC (Silt Loam Clay) | 0.6 - 0.3 | 0.3 - 0.15 | | |
| | IV | SC (Sandy Clay)<br>SIC (Silty Clay) | 0.4 - 0.1 | 0.2 - 0.05 | | |
| | | O (Organic) | None | | | |

| MOIST | WET |
|---|---|
| VFR (Very Friable) | NS (Non-sticky) |
| FR (Friable) | SS (Slightly Sticky) |
| FI (Firm) | S (Sticky) |
| VFI (Very Firm v. Very Sticky) | VS (Very Sticky) |
| EFI (Extremely Firm) | NP (Non-plastic) |
| | SP (Slightly Plastic) |
| | P (Plastic) |
| | VP (Very Plastic) |

*OTES*

| | |
|---|---|
| *ORIZON DEPTH* | In inches below natural soil surface |
| *EPTH OF FILL* | In inches from land surface |
| *ESTRICTIVE HORIZON* | Thickness and depth from land surface |
| *APROLITE* | S(suitable) or U(unsuitable) |
| *OIL WETNESS* | Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designatic |
| *LASSIFICATION* | S (Suitable), PS (Provisionally Suitable), or U (Unsuitable) |

valuation of saprolite shall be by pits.
ong-term Acceptance Rate (LTAR): gal/day/ft²

**Show profile locations and other site features (dimensions, reference or benchmark, and North).**

22733

