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

Sheet ___ of ___
PROPERTY ID #: ___
COUNTY: ___

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

120 332
4609-62-1837

OWNER: JUDY ADAMS MORGAN APPLICATION DATE ___
ADDRESS: ___ DATE EVALUATED: ___
PROPOSED FACILITY: ___ PROPOSED DESIGN FLOW (.1949): ___ PROPERTY SIZE: 1.07
LOCATION OF SITE: MORGAN FARM (E) APPAL (C) LOOKOUT ROAD (C) EXIT 98 PROPERTY RECORDED: YES
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) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	2+3 10% L	0-10"	sel wk sbk	fri sp smp		>48"			PS .3
		10-40"	cmod sbk	fi s p smp					
		40-48"	cmod sbk	f s p smp					
4		SAPROLITE @ 20" US							US
2		DIDN'T USE THIS AREA							
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	PUMP 50% RED	LPP ONLY
Site LTAR	.3	.3

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: L. COOK
OTHER(S) PRESENT: ___

COMMENTS: ___

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
D (Drainage Way)					EXP (Expansive)	CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	SCL (Sandy Clay Loam)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiL (Silt Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SiCL (Silty Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		Si (Silt)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None		EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

***Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.**

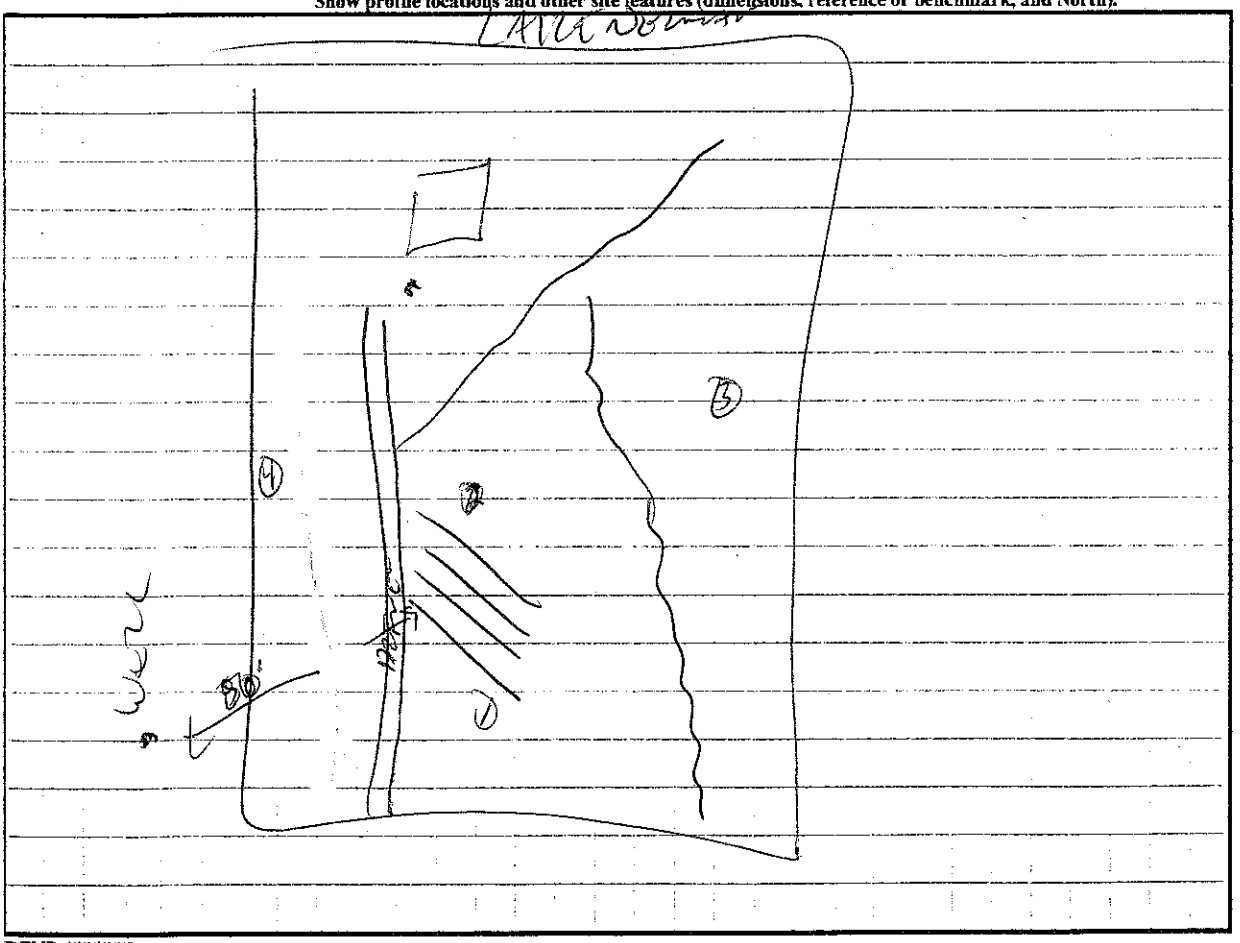
NOTES

HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL 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 designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

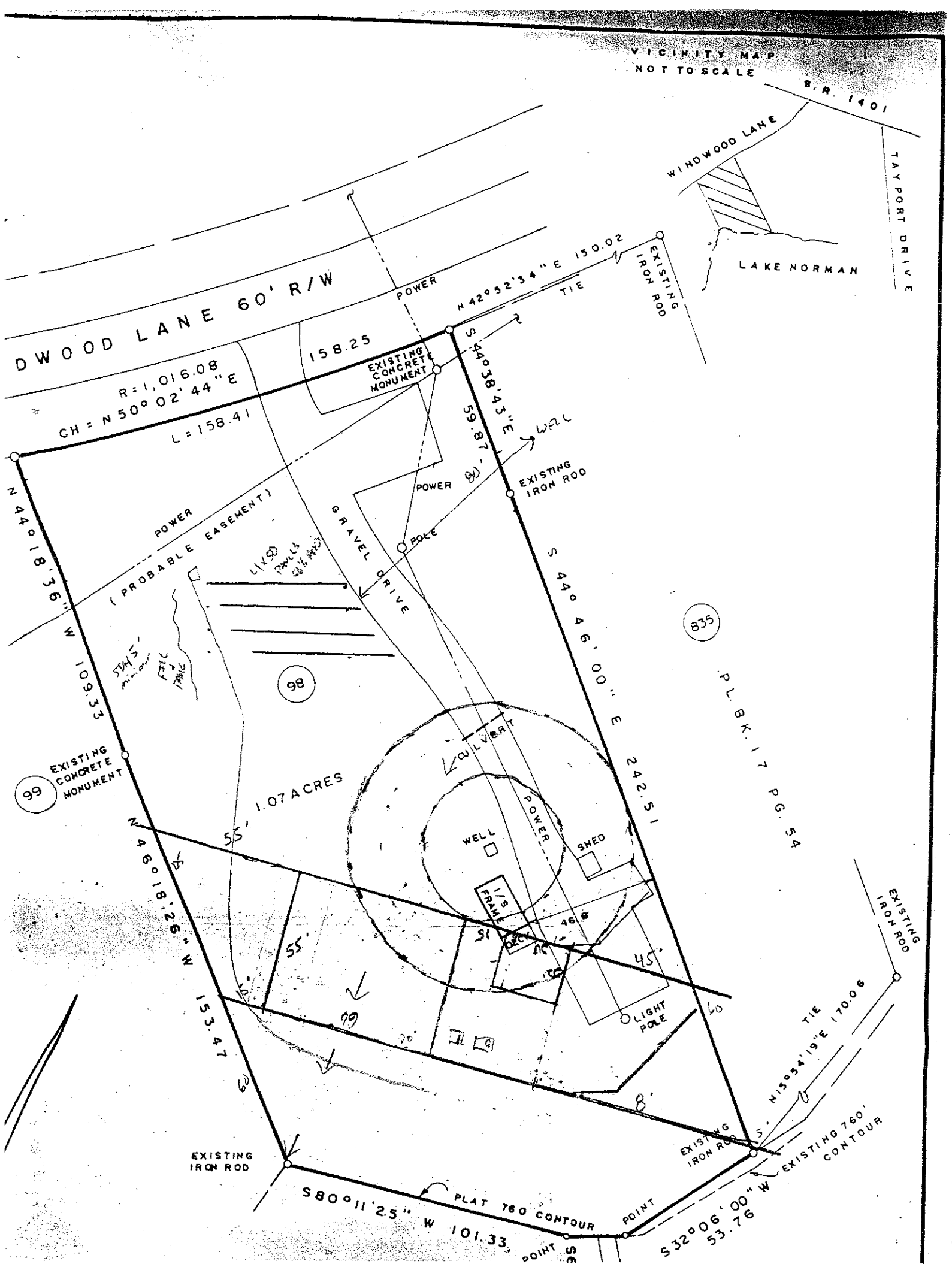
Long-term Acceptance Rate (LTAR): gal/day/ft^2

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



DENR (######)

Review (#####)


VICINITY MAP
NOT TO SCALE
S.R. 1401
WINDWOOD LANE
TAYPORT DRIVE
LAKE NORMAN
DWOOD LANE 60' R/W
POWER
N 42°52'34" E 150.02
TIE
EXISTING IRON ROD
158.25
EXISTING CONCRETE MONUMENT
R=1,016.08
CH = N 50° 02' 44" E
L=158.41
S 44°38'43" E 59.87
WELL
EXISTING IRON ROD
POWER
80'
POLE
GRAVEL DRIVE
POWER
(PROBABLE EASEMENT)
N 44° 18' 36" W 109.33
98
835
S 44° 46' 00" E 242.51
PLBK. 17 PG. 54
CULVERT
99
EXISTING CONCRETE MONUMENT
1.07 ACRES
WELL
POWER
SHED
I/S FRAME
55'
N 46° 18' 26" W 153.47
46.8'
51'
45'
55'
15'
99
20'
60'
8'
LIGHT POLE
EXISTING IRON ROD
TIE
N 13°54'19" E 170.06
EXISTING IRON ROD
EXISTING 760' CONTOUR
EXISTING IRON ROD
S 80°11'25" W 101.33
PLAT 760 CONTOUR
POINT
POINT
S 32°06' 00" W 53.76

North Carolina - Department of Environment and Natural Resources - Division of Water Quality - Groundwater Section - 1636 Mail Service Center - Raleigh, NC 27699-1639 - Phone No. (919) 733-3221

WELL ABANDONMENT RECORD

WELL CONTRACTOR B + K Well Drilling Inc.
WELL CONTRACTOR CERTIFICATION # 3266

1. WELL USE (Check Applicable Box): Residential ☒ Municipal ☐ Industrial ☐ Agricultural ☐ Monitoring ☐ Recovery ☐ Heat Pump Water Injection ☐ Other ☐ If Other, List Use: _____

2. WELL LOCATION: (Show a sketch of the location on back of form.)
Nearest Town: Troutman County Iredell
145 Linwood Rd
(Road Name and Number, Community, Subdivision, Lot No.) Quadrangle No.

3. OWNER: Dave Meadows

4. ADDRESS: P.O. Box 553 Troutman NC 28166

5. TOPOGRAPHY: draw, slope, hilltop, valley, flat (circle one)

6. TOTAL DEPTH: 140' DIAMETER 6"

7. CASING REMOVED:

feet	diameter
5'	6"

8. DISINFECTION: 1 lb
(Amount of 70% hypochlorite used:)

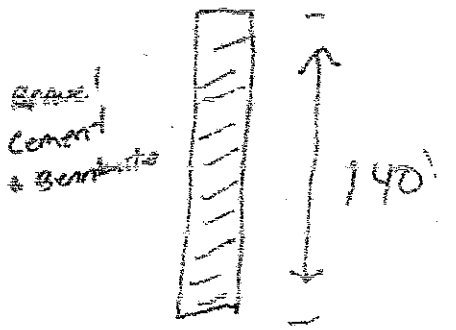
9. SEALING MATERIAL:

Neat Cement	Sand Cement
bags of cement _____	bags of cement 12
gallons of water _____	gallons of water _____

Other
Type material 4 Bags Bentonite and 1 scoop
Amount of gravel

10. EXPLAIN METHOD EMPLACEMENT OF MATERIAL.
poured

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.



11. DATE WELL ABANDONED 6/20/06

I do hereby certify that this well was abandoned in accordance with 15A NCAC 2C, well construction standards, and that a copy of the record has been provided to the well owner.

Signature of person abandoning the well Albert L Kanipe Jr Date 6-20-06

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Water Quality, Groundwater Section, one copy to the owner within 30 days from completion of abandonment.

Kevin

663-2276

Neels Hawk & AC

neelshvac.com