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

Sheet 1 of 1
PROPERTY ID #:
COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM 3774-75-5730

OWNER: GREG TESTER
APPLICANT: SAME
ADDRESS: 403 E. FRONT ST., STVL
APPLICATION DATE: 3-2-06
DATE EVALUATED: 3-24-06
PROPOSED FACILITY:
PROPOSED DESIGN FLOW (.1949): 360
PROPERTY SIZE: 5.491 ACRES
LOCATION OF SITE: Lot 9 Sect 6 Rivermede
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	.1943 SOIL DEPTH	1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS ~10%	0-48	SBK mod fri sandy loam	fri non sticky					PS .3
2	LS ~10%	0-48	SBK weak sl sandy	fri SS/P					PS .3+
3	S ~8%	0-48	SBK weak	fri SS/P					PS .3+
4	3-24-06 L 8%	0-48	SBK C	FR SS/P					PS 0.3

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	S	S
System Type(s)	II	II
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): NONE
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: S. HADDOCK
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	SI (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SICL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SLC (Silt Loam Clay)				
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)
					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)

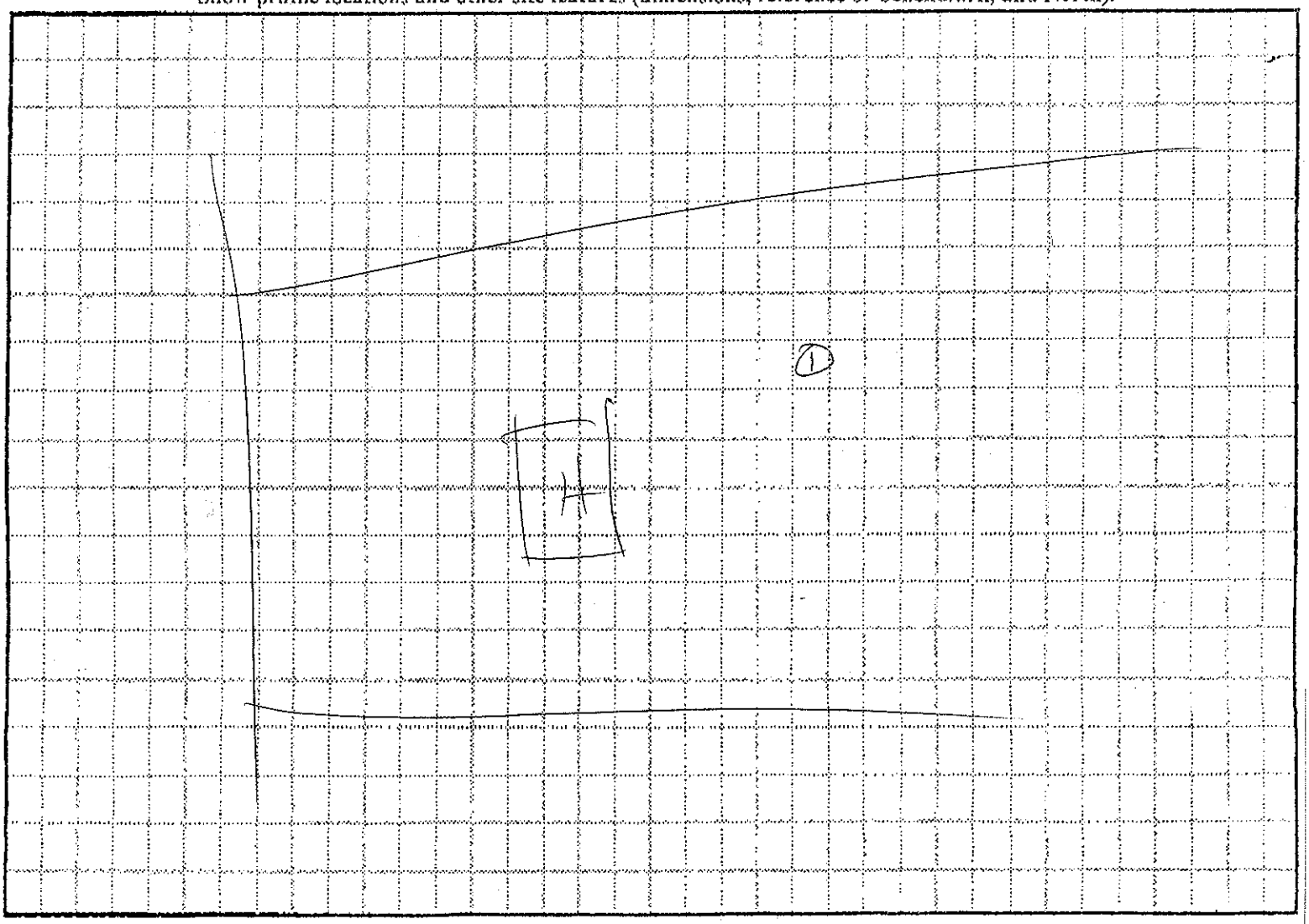
NOTES

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/ft²

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



DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 3774-75-5750
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Donald K. Smith
ADDRESS: 144 Riverclift Dr. Statesville
PROPOSED FACILITY: 4 BR House
PROPOSED DESIGN FLOW (.1949): 480gpd
LOCATION OF SITE: Shaw School Rd. TL Stewart Rock TL Fulbright TR Cutler Pl.
APPLICATION DATE 12/12/11
DATE EVALUATED: 1-9-12
PROPERTY SIZE: 5.49 ac.
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) .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	L 10%	0-7	gr / L	vfr / sapl	NA	18	NA	NA	PS 0.3
		7-28	SSK / C	F: / sapl					
		28-36	wSSK / C1	fr / sapl					
		36-48	wSSK / C1 msl	fr / sapl					
2	L 10%	0-10	gr / L	vfr / sapl	NA	48	NA	NA	PS 0.3
		10-30	SSK / C	F: / sapl					
		30-39	wSSK / C1	fr / sapl					
		39-48	wSSK / C1 msl	fr / sapl					
3	L	0-7	gr / L	vfr / sapl	NA	18	NA	NA	PS 0.3
		7-34	SSK / C	F: / sapl					
		34-42	SSK / C1	fr / sapl					
		42-48	wSSK / C1 msl	fr / sapl					
4	L	0-11	gr / L	vfr / sapl	NA	18	NA	NA	PS 0.3
		11-38	SSK / C	F: / sapl					
		38-48	SSK / C1	fr / sapl					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	III	III
Site LTAR	0.3	0.3

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

COMMENTS:

LEGEND

use the following standard abbreviations

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FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
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	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.

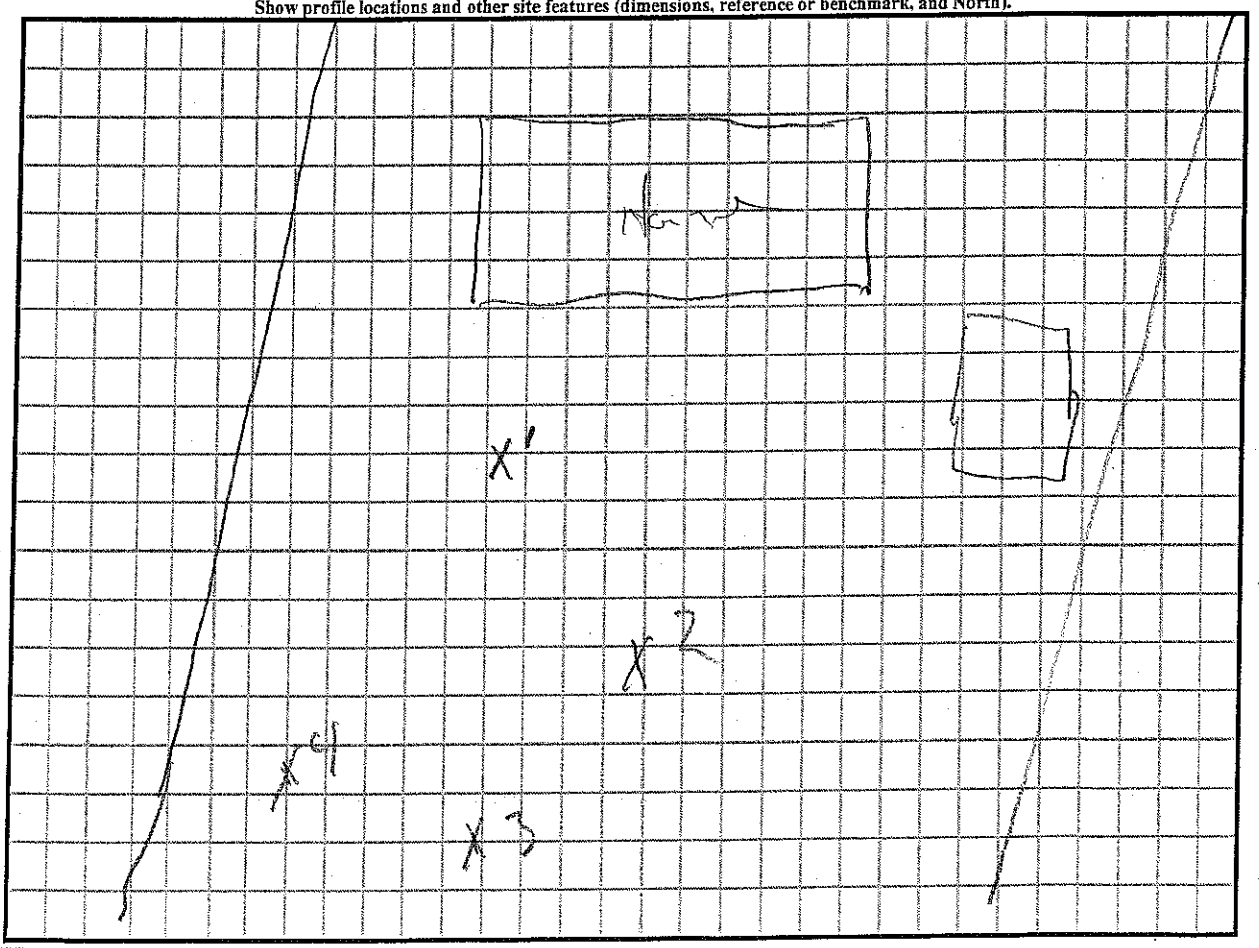
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Show profile locations and other site features (dimensions, reference or benchmark, and North).



DENR (######)
Review (#####)