DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 4645705684
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: William Murdock APPLICATION DATE 3-2-15
ADDRESS: 470 Patterson St Troutman NC DATE EVALUATED: 3-31-15
PROPOSED FACILITY: 3 Brm PROPOSED DESIGN FLOW (.1949): 360 gpd PROPERTY SIZE: 2.5 Ac.
LOCATION OF SITE: 458 Barfield Rd 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
B 1	LSS 12%	0-6	BCLWFSBK	FR SS SP SE P	few sap	48"	—	—	PS .3
		6-30	RCLWFSBK	FR SS SP SE P					
		30-48	YRCLWFSBK	FR SS SP SE P					
B 2	LSS 10%	0-6	BCLWFSBK	FR SS SP SE P					
		6-16	RCLWFSBK	FR SS SP SE P					
		16-42	YRCLWFSBK	FR SS SP SE P	com sap few CL Rel	42"	PS	—	PS .3-.35
		42-48	Var L Sap M	FR SS SP SE P					
B 3	LSS 15%	0-8	BCLWFSBK	FR SS SP SE P					
		8-29	RCLWFSBK	FR SS SP SE P					
		29-48	RYCLWFSBK	FR SS SP SE P	Com/many sap	48"	—	—	PS .3
B 4	LSS 12%	0-4	BCLWFSBK	FR SS SP SE P					
		4-23	RCLWFSBK	FR SS SP SE P					
		23-48	YRCLWFSBK	FR SS SP SE P	Com sap	48"	—	—	PS .3

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Gravity 25%	Gravity 25%
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: ALP
OTHER(S) PRESENT: William Murdock

COMMENTS:

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet __1__ *of* __1__

PROPERTY ID #: _4649705684_

COUNTY: __Iredell__

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____Will Murdock_____ APPLICATION DATE_4-13-15__

ADDRESS:_____470 Patterson St. Troutman, NC_____ DATE EVALUATED: __10-7-2015_____

PROPOSED FACILITY: ____3 BRM_____ PROPOSED DESIGN FLOW (.1949): ___360 gpd__ PROPERTY SIZE: ___2.528 ac.___

LOCATION OF SITE: _____458 Barfield Rd._____ PROPERTY RECORDED: ___Yes_____

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

EVALUATION METHOD: ☐ Auger Boring X Pit ☐ Cut TYPE OF WASTEWATER: X Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
P 1	LSS 7%	0-4	FILL		-COM SAP -FEW CL INCL	55"	PS	N/A	PS 0.3-0.35
		4-19	R CL MRSBK	FR, SS, SP, SEXP					
		19-55	YR CL WFSBK	FR, SS, SP, SEXP					
		55-73	VAR, FSL SAP M	FR, SS, SP, SEXP					
P 2	LSS 7%	0-10	FILL		-COM SAP -COM CL INCL	66"	PS	N/A	PS 0.3
		10-12	B CL WFSBK	FR, SS, SP, SEXP					
		12-38	R CL/C MFSBK	FR, SS, SP, SEXP					
		38-66	YR CL WFSBK	FR, SS, SP, SEXP					
		66-74	VAR L SAP M	FR, SS, SP, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	
System Type(s)	GRAVITY 25%	
Site LTAR	0.3	

OTHER FACTORS (.1946): NONE

SITE CLASSIFICATION (.1948): PS

EVALUATED BY: ADRIAN PRUETT

OTHER(S) PRESENT: GUNTER GRADING

COMMENTS:_____

AXLE
N76°34'48"E 262.93'
IRS
N76°34'48"E 256.42'
35' REAR MBSL
10' DRAINAGE & UTILITY EASMENT TYPICAL EACH LOT
TRACT 1
110,127.44 Sq Ft
2.528 Ac.
PIN: 4649-70-2467
PAUL A. NEILL
D.B. 1308, PG. 933
ZONED: R-A
TRACT 2
106,808.42 Sq Ft
2.452 Ac.
PIN: 4649-70-2467
PAUL A. NEILL
D.B. 1308, PG. 933
ZONED: R-A
PIN: 4649-70-8721
PAUL A. NEILL &
LYNN NEILL
D.B. 619, PG. 616
ZONED: R-A
S27°18'09"E 431.66'
EXISTING PARCEL LINE
15' REAR MBSL
N15°16'21"W 386.55' TOTAL
(360.91')
SHED
35' FRONT MBSL
21.64
N84°42'55"W 268.24'
25' ACCESS EASEMENT
N84°42'55"W 249.02'
S76°34'48"W 256.42'
28.35'
(25.64')
BARN
N27°25'54"W 206.38'
PIN: 4649-70-7400
JERRY W. NEILL
D.B. 2276, PG. 2377
ZONED: R-A
PIN: 4649-70-2467
PAUL A. NEILL & LYNN L. NEILL
D.B. 1308, PG. 933, D.B. 2325, PG. 203
ZONED: R-A
EIR
C1
C2
L1
L2
L3
L4
L5
NO RECORDED R/W
60' R/W ILLUSTRA
FIELD ROAD