DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet ___ *of* ___
PROPERTY ID #: 4656332604
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Lonnie and Brenda Lenaburg APPLICATION DATE ____
ADDRESS: 109 Aquarius Lane DATE EVALUATED: 10-5-07
PROPOSED FACILITY: 3BR / Basement PROPOSED DESIGN FLOW (.1949): 360 GPD PROPERTY SIZE: .60
LOCATION OF SITE: ____ PROPERTY RECORDED: ____
WATER SUPPLY: • Private • Public •X 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) .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	LS 3-5%	0-4	GR/sl,scl	SS SPFRSEXP	yBr	F Sap incl.			PS to 48" .3 LTAR
		4-22	MSBK/C	SS SPFR SEXP	C				
		22-48	WSBK/Cl	SS SP FR SEXP	C				
1A	LS 3-5%	0-6	GR/sl,scl	SS SP Fr SEXP	yBr				PS to 44" .3 LTAR
		6-44	MSBK/C	SS SP Fr SEXP	C				
2	LS 3-5%	0-8	GR/sl	NS NP Fr NEXP	Br	F Sap incl.			PS to 39" .275 LTAR
		8-39	MSBK/C	SS SP Fr SEXP	F				
		39"	CF						
4	LS 5-7%	0-9	GR,scl	SS SP Fr SEXP	Br	F to C Sap incl. C Rock (Floaters)			PS to 45" .275 LTAR
		9-45	WSBK,scl	SS SP Fr SEXP	R				

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

OTHER FACTORS (.1946): ____
SITE CLASSIFICATION (.1948): ____

EVALUATED BY: Judy Melville
OTHER(S) PRESENT: Jacob Presley, Paul Pennington

COMMENTS: ____

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ___ of ___

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4626330604
DATE OF EVALUATION: _____
COUNTY: _____

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
5	LS 6-8%	0-20	WSBK/scl	SS SP Fr SExP	BrR	C Sup and WR incl.		20"	.125 Drip
		20	Cr						
10	LS 3-5% Existing gravel drive	0-10	Gravel						PS to 38" below gravel .275 LTAR
		10-30	WSBK/scl	SS SP Fr SExP	RBr				
		30-48	WSBK/c,scl	SS SP Fr SExP	r	F to C Sup incl. F Rock (Flowers)			
11	LS 3-5%	0-5	Gravel						PS to 50" .275 LTAR
		5-13	GR/sl,scl	SS SP Fr SExP	Br				
		13-50	WSBK/c,cl	SS SP Fr SExP	r	F Sup incl. F Rock (Flowers)			

COMMENTS: _____

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

Sheet ___ of
PROPERTY ID #: 4626332604
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Lonnie Lenburg
ADDRESS: 109 Aquarius Lane
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____
LOCATION OF SITE: _____
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut

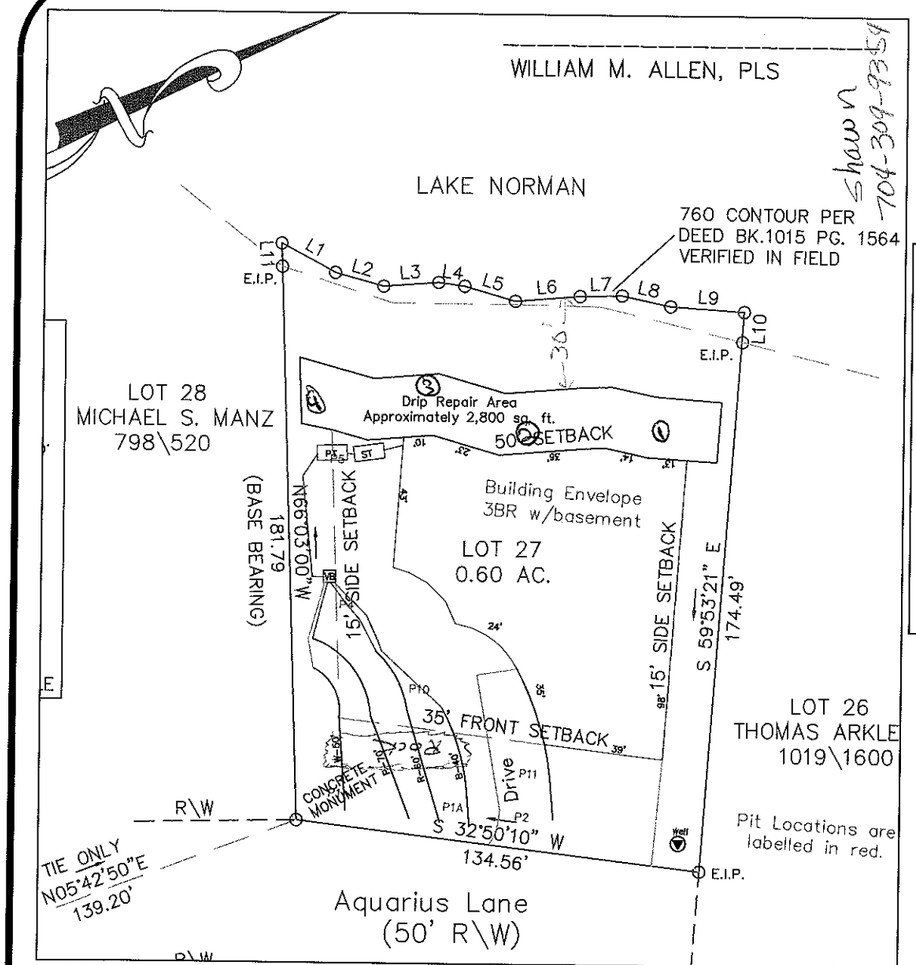
APPLICATION DATE _____
DATE EVALUATED: 12-18-07
PROPERTY SIZE: .6 Ac
PROPERTY RECORDED: _____
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

.1949 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	0-28	Fill SL	NS NP Fr	R:				.3 to 66"
	28-52	mstk CL	SS SP Fr	YR				
	52-66	mass SL	NS NP Fr					
2	0-19	mass SL	NS NP Fr			C Rock incl.		Drip .15
	19"-48	SL Sap	between rock to 48" soil depth					
3	0-9	Fill SL						Drip .15
	9-33	mass SL	NS NP VFr	mult:				
	33-48	mass SL	NS NP Fr	mult:				
4	0-28	mass SL	NS NP Fr	mult;		C rock	incl.	Drip .15
	28+	Rock						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
ble Space (.1945)		
Type(s)		
AR		

NTS: _____

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: Toney Jacobs, Steve Hedrick
OTHER(S) PRESENT: _____



7-31-08
Site meeting w/ Rollins, Ashley Braxton, Paul Sawe - Paul Spivey
Rock in parts of riverbank line. Re-layout excluding rock areas.

LINE TABLE		
LINE	LENGTH	BEARING
L1	20.15	N54°13'49"E
L2	16.61	N41°18'21"E
L3	18.48	N21°34'49"E
L4	8.84	N33°35'30"E
L5	17.55	N41°55'09"E
L6	21.77	N21°22'53"E
L7	13.86	N24°32'31"E
L8	16.16	N38°15'30"E
L9	24.46	N29°57'44"E
L10	9.83	S59°53'21"E
L11	7.65	N66°00'41"W

GRAPHIC SCALE
50 25 0 50
SCALE: 1" = 50'

SCALE: 1" = 50'	DATE: 12-19-07	S&ME 3718 OLD BATTLEGROUND ROAD GREENSBORO, NC 27410 PH. 336-288-7180 FAX. 336-288-8980 WWW.SMEINC.COM	FIGURE NO. 1
PROJECT NO. 1588-07-053	DRAWN BY: JBP	Lot 27 Lonnie & Brenda Lenaburg – Aquarius Lane Iredell County, NC	
	CHECKED BY: TCJ		