DENR/DEH

ON-SITE WASTEWATER SECTION

☆ INITIAL SEPTIC AREA

Sheet 1 of 2
PROPERTY ID #: 46642F2 96
COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: JAY ERVIN — APPLICATION DATE:
ADDRESS: 586 PRESBYTERIAN ROAD — DATE EVALUATED: 4-6/4-9
PROPOSED FACILITY: 4 BED — PROPOSED DESIGN FLOW (.1949): 480 — PROPERTY SIZE: 1.013 AC
LOCATION OF SITE: 586 PRESBYTERIAN ROAD (STATESVILLE) — 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	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
	B1	0-24	m SBK L-LS	Fi FR/SS/SP	DARK RED				
		24-43	SBK SiL-SiCL	FR/SS/SP	RED	43	—	NA	0.25
	B2	0-22	SBK L	Fi FR/SS/SP	DARK RED				
		22-39	SBK SiL-SiCL	FR/SS/SP	"	39	—	NA	0.25
	B3	0-18	m SBK L	Fi FR/SS/SP	RED				
		18-41	SBK SiL-SiCL	FR/SS/SP	RED-DARK RED	41	—	NA	0.30
	B4	0-18	m SBK L	Fi FR/SS/SP	"				
			SBK SiL-SiCL	FR/SS/SP	"	41	—	NA	0.30
	B5	0-24	m SBK L	Fi FR/SS/SP	RED/DARK				
		24-40	SBK SiL-SiCL	FR/SS/SP	RED/DARK RED	40	—	NA	0.30
	B6	0-18	m SBK L-SiL	Fi FR/SS/SP	"	40	—	NA	0.30
		18-40							
					"				
	B7	0-20	m SBK L	FR/Fi/SS/SP	RED	42	—	NA	0.30
		20-42	m SBK L-SiCL	FR/SS/SP	RED/DARK RED				
	B8	0-20	m SBK L	Fi/SS/SP	RED				
		20-37	SBK L-SiCL	FR/SS/SP	DARK RED	37	—	NA	0.30
	B9	37-41	SBK L-	FR/SS/SP	RED	41	—	NA	0.30

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	YES	YES
System Type(s)	25% CON	25% CON
Site LTAR	0.30	0.30

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

COMMENTS: PLEASE NOTE THAT THE PROPER WAY TO EVALUATE STRUCTURE & ITS HORIZON THICKNESS IS BE EXCAVATED PITS. HOWEVER, A EFFORT HAS BEEN MADE IN DESCRIBING SOILS BY SOIL BORINGS. IF PITS ARE NEEDED PLEASE LET US KNOW.

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4664282962
DATE OF EVALUATION: 4-6/4-9
COUNTY: IREDELL

REPAIR SEPTIC AREA

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
	B10	0-20	MSBK, L-SiCl	FI/FR/SS/SP	Red				
		20-31	SBK, L-SiCl	FR/SS/SP	DARK Red	31	31	NA	0.30
	B11	31-41	MSBK, L-SiCl	FI/FR/SS/SP	Red	41	—	NA	0.30
					DARK Red				
	B12	0-19	MSBK, L-	FI/FR/SS/SP	Red				
		19-36	SBK L-SiCl	FR/SS/SP	DARK Red	39	—	NA	0.30
	B13	42	"	"	"	42	—	NA	0.30
	B14	42	M/SBK L	AS ABOVE	"	42	—	NA	0.30
		L							
	B15	42	M/SBK, L-SiCl	FI/FR/SS/SP	Red		—	NA	0.30
				FR/SS/SP	DARK Red	42			
	B16	48	SBK, L-SiCl	FI/SS/SP	Red				
					DARK Red	48	—	NA	0.30
	B17	39	SBK, L-SiCl	FI/FR/SS/SP	Red		39		
					DARK Red	48	10%	NA	0.30
	B18	42	SBK, L-SiCl	FI/SS/SP	DARK Red	48	42	NA	0.30
							20%		
	B19	33	SBK, L-SiCl	FI/SS/SP	Red	47	—	NA	0.30

COMMENTS:

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

OWNER: _____ APPLICATION DATE _____
ADDRESS: _____ 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)		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	
1	8%	0-5	lsbk cl			48			-3
		5-30	lsbk C	fr ss/sp SE					
		30-48	C+sap						
			surface may have few inches of fill						
2		0-46	lsbk Cl	fr ss/sp SE		48			-3
		46-48	Cl+sap						
3		0-30	Cl			40			
		30-40	Cl+sap						
		40+	sap						
			loamy						
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: _____

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

OWNER: Jay Ervin
ADDRESS: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): 480
LOCATION OF SITE: _____

APPLICATION DATE _____
DATE EVALUATED: 1-10-07
PROPERTY SIZE: _____
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	lower end	0-24	lsbkcl						.2.5
		24-36	lsbkcl	fr ss/sp se					
		36-46	cl+sap						
		46-60	Sap L						
			White Sap - may have wetness						
2	Lower middle above fill	0-30	lsbkcl						.3
		30-45	cl+sap						
		45-60	sap L						
3	lower fill pit	40-0	fill + trash						U
4									

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

COMMENTS: _____

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