DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 2
PROPERTY ID #: 4655-18-8447
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Emil Bec — APPLICATION DATE: 3-4-14
ADDRESS: 225 North Rd Mooresville NC — DATE EVALUATED: 4-4-14 + 4-8-14
PROPOSED FACILITY: 4 BRM House — PROPOSED DESIGN FLOW (.1949): 480 gpd — PROPERTY SIZE: 0.60 ac
LOCATION OF SITE: 143 Fremont Lp Mooresville NC — 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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
B 1	NS 10%	0-4	B SCL/SL Gr	Fr SS SPSE P		25"	—	25"	UN
		4-25	YB SL Gr	Fr SS SPSE P					
		25	Rock / Rock	Controlled					
B 2	NS 6%	0-4	B SCL Gr	Fr SS SPSE P		48"	—	—	PS
		4-14	YB SCL Gr	Fr SS SPSE P					
		14-30	RY SC WFSBk/ABk	Fr S SPSE P	few YB, few heavy clay veins				.2
		30-48	YB SC WFSBk/ABk	Fr SS SPSE P	few YB, few heavy clay veins	2.5Y 5/3 + 4/3			
B 3	NS 7%	0-4	B SCL Gr	Fr SS SPSE P		45"	—	—	PS
		4-8	YB/RL SCL Gr	Fr SS SPSE P					
		8-28	R C WFSBk	Fr SS SPSE P	few 2.5Y 7/4				.25 to 31"
		28-45	YR SC WFSBk	Fr SS SPSE P	com YB, Chr	2 >31"			
B 4	NS 6%	0-4	B SCL Gr	Fr SS SPSE P		38"	UN	—	PS
		4-8	LB SCL Gr	Fr SS SPSE P					.3 to 38"
		8-20	R C WFSBk	Fr SS SPSE P					
		20-38	R CL/SC WFSBk	Fr SS SPSE P	many Sap				
		38-48	Var SCL/CrCL	Sap M Fr SS SPSE P					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	Not Required
System Type(s)	PM 25% Red.	
Site LTAR	0.25	

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: A2P + Shane Cashion
OTHER(S) PRESENT: Emil Bec on 4-4-14

COMMENTS: 16" trench Bottom

SOIL/SITE EVALUATION

(Continuation Sheet)

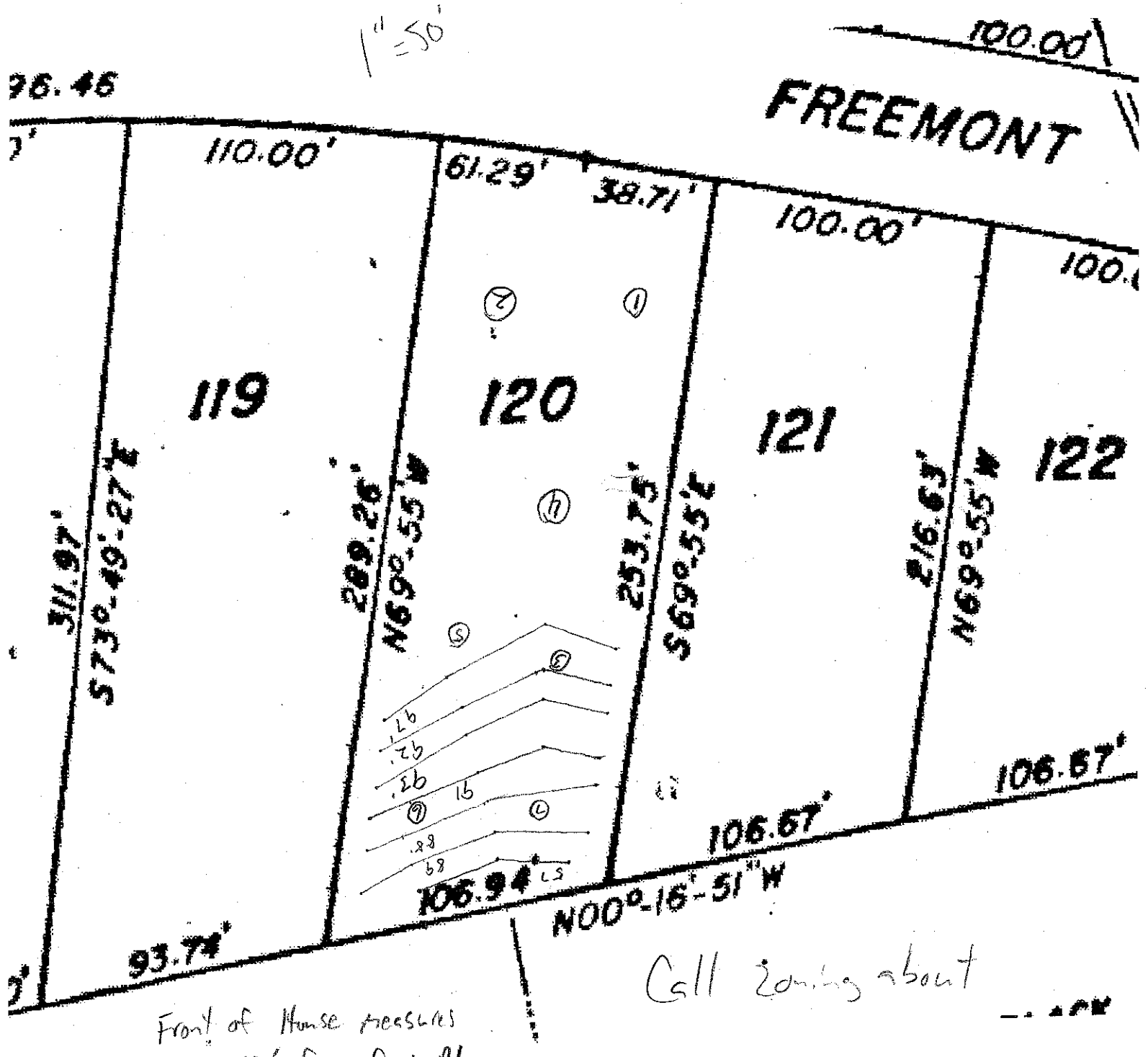
DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4655-18-8444
DATE OF EVALUATION: 4-4 & 4-8-14
COUNTY: Iredell

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
B5	NS 9%	0-4	B SCL Gr	Fr SS SP SE SP	many YB, Chr 2 > 32"	40"	-	-	PS .25 32"
		4-15	YB/LB SCL/SC Gr	Fr SS SP SE SP					
		15-40	YR SC LFSBk	Fr SS SP SE P					
B6	NS 10%	0-4	B SCL Gr	Fr SS SP SE P		48"	-	-	PS .25
		4-20	YB/LB SC WFSBk	Fr SS SP SE P					
		20-28	YR SC WFSBk	Fr SS SP SE P	com YB, few Chr 3 & 4				
		28-34	R SC WFSBk	Fr SS SP SE P	com YB, few sap				
		34-48	R SCL WWFSBk	Fr SS SP SE P	few sap				
B7	NS 8%	0-10	LB SCL Gr	Fr SS SP SE P	com YB, few Chr 3 & 4				PS .25
		10-37	RC WFSBk	Fr SS SP SE P					
		37-48	R SCL/SC WFSBk	Fr SS SP SE P	few YB				

COMMENTS: _____

https://rodweb2.co.iredell.nc.us/



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