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

Sheet 1 of 2
PROPERTY ID #: Lot 13
COUNTY: Iredell

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

OWNER: Gary Schmeltz Lot 13 Huntington Ridge APPLICATION DATE: 7-16-06
ADDRESS: DATE EVALUATED: 7-16-
PROPOSED FACILITY: 4-BR PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: 1.02 acres
LOCATION OF SITE: PROPERTY RECORDED:
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☒ Pit ☐ Cut Permit # 122604
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	Ridge Nose Auger Hole.	0-6"	SCL	1:1 NS NP	R	6	Sap Incl.		PS .3
		6-36	CL	1:1 NS NP					
2	1' Pit	0-8	SCL	NS NP	R.	24"	Some Incl.	24	.15 LPP
		8-24	CL-C-	SS SP					
		24"	Chroma 2-	Incl.	1/R.				
3	Linear Ridge.	0-6	CL	NS NP.	1/R.	36"	Sap Incl.	36"	PS .25
		6-36	C- CL	1:1 SS SP.					
		to WR- Sap.							
4	Left Rear Pit	0-20	SS SP	Mixed- Min	1/R. Chr 2 20"	20"			LS

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	✓	—
System Type(s)	LPP	LPP
Site LTAR	.13-.15	.13

OTHER FACTORS (.1946): LPP
SITE CLASSIFICATION (.1948):
EVALUATED BY: Russell Miller
OTHER(S) PRESENT:

COMMENTS:

SOIL/SITE EVALUATION

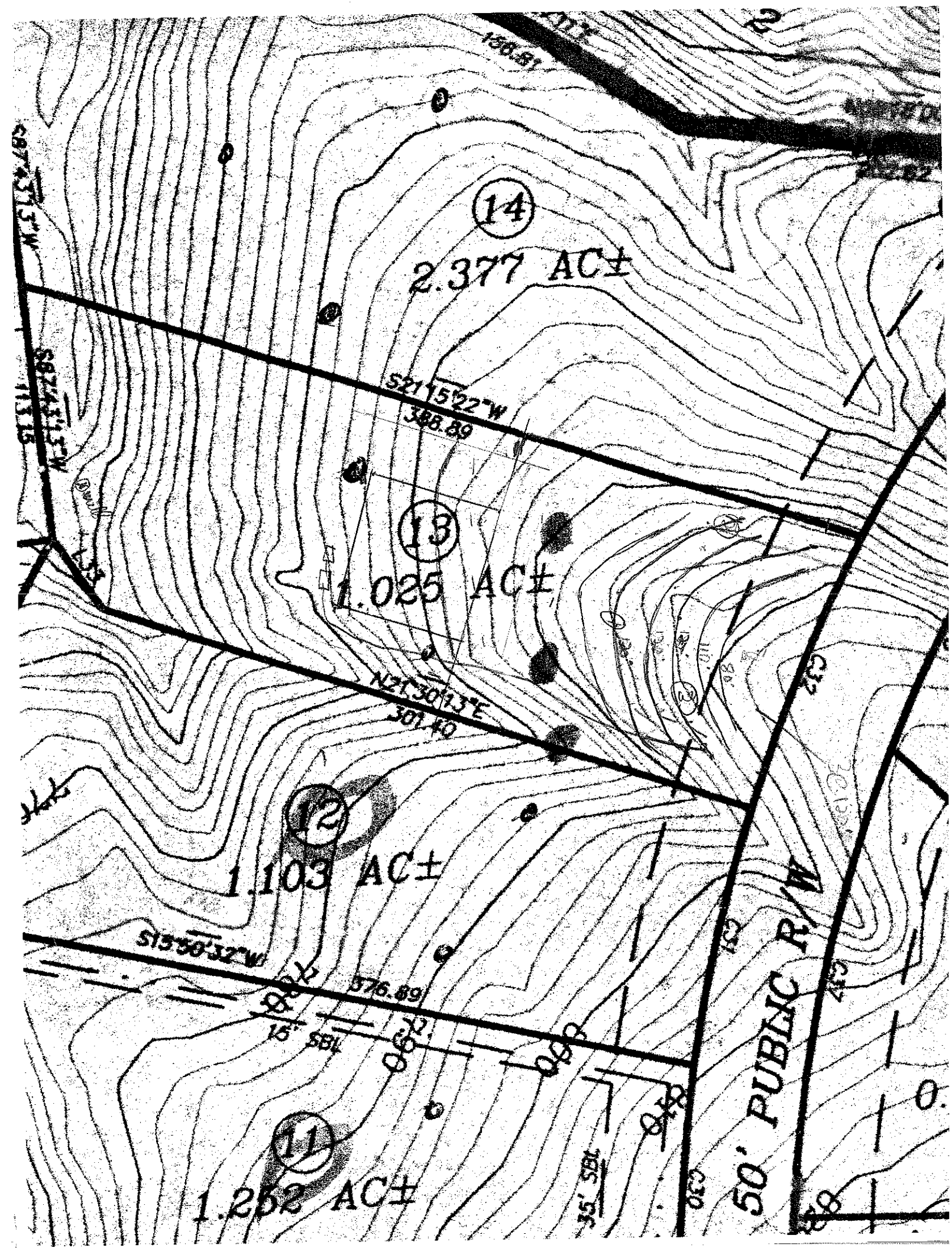
(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: _____
DATE OF EVALUATION: 7-16
COUNTY: Iredell

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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
5	Rdg Rear, Center	19"	SS SA	Mixed	19" Chr. 2	19"			US
6	Rear Pit Rd.	0-6	- SCL	NS NP	32" Chr. 2	32"	—	32"	LPP
		6-32	C - Sap Incl.	SS SP Firm					

COMMENTS: _____


14
2.377 AC±
S21°15'22"W
388.89
13
1.025 AC±
N21°30'13"E
301.40
12
1.103 AC±
S13°58'32"W
576.89
15' SBL
11
1.252 AC±
50' PUBLIC R/W
35' SBL

DEPARTMENT OF ENVIRONMENT, HEALTH, 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: _____ APPLICANT: _____
ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: _____
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____
LOCATION OF SITE: Hunting town Index lot 13 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	Freash Drain	0-36	RC/CL mix WS¾k	fri SSSP					.3 to 36" ② >36"
		36-48	YR CLSL- low Chroma						
2	↓	0-15	RC SMK	fr SSSP					PS .3
		15-30	RCL MFSBK	fri SSSP					
		30-44	SCL SAP	fri SSSP					
3	✓	0-38	RC ANK	fi SP - low Chroma					PS .25
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: _____