902-4602
704

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for **ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

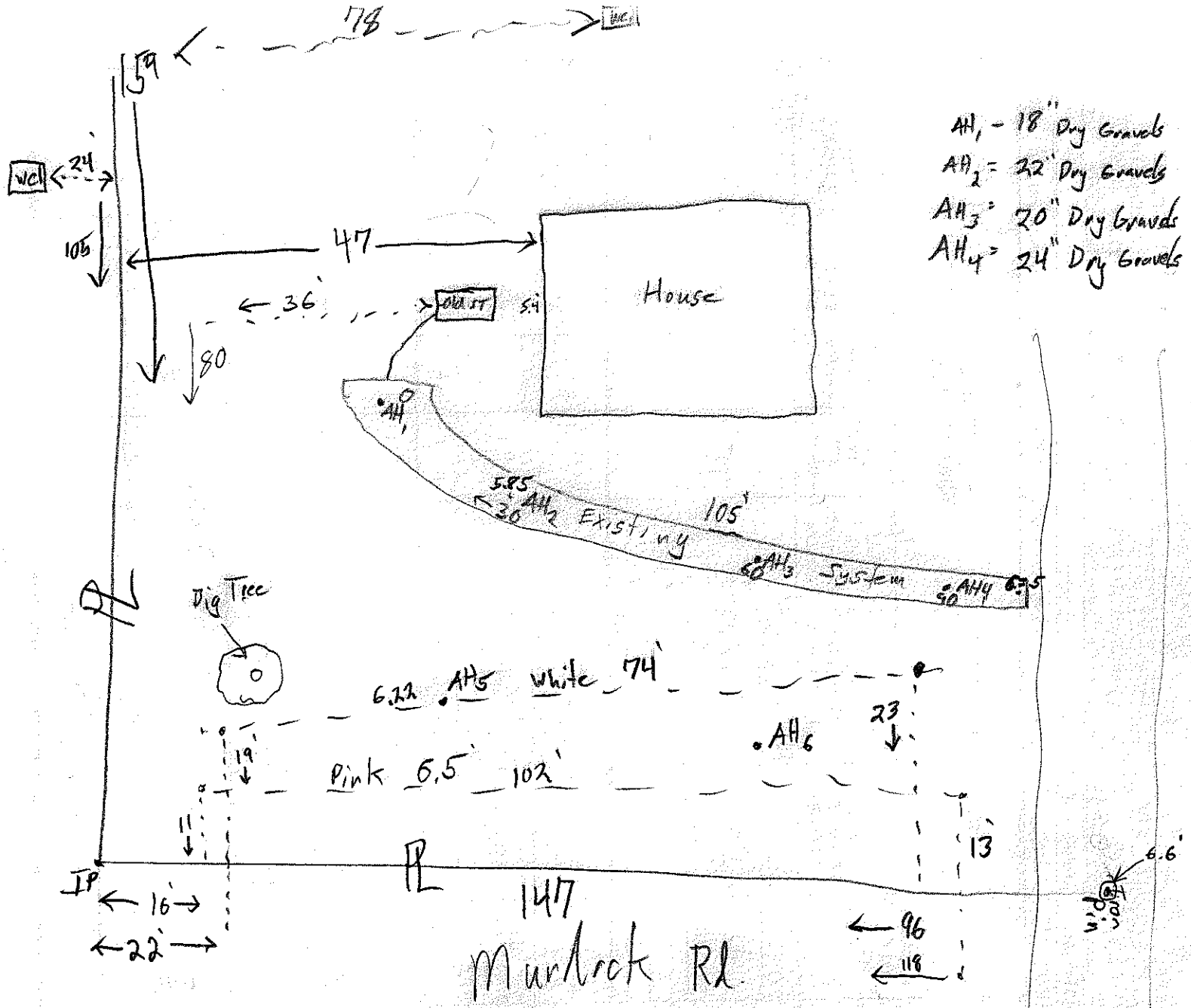
OWNER: Darlene Payne — APPLICATION DATE _____
ADDRESS: 143 Montebello Dr. Mooresville, NC — DATE EVALUATED: _____
PROPOSED FACILITY: 2 BR House — PROPOSED DESIGN FLOW (.1949): 240 gal/day — PROPERTY SIZE: 0.98
LOCATION OF SITE: 670 Murdock Rd. Statesville/Troutman NC — PROPERTY RECORDED: Yes
WATER SUPPLY: ☒ 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	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
X AH5	summit/ ridge top	0-6	Clay Loam weak SBK	Slightly Friable, SS, Sp, Sap	—	48	—	—	0.375
		6-33	Clay med SBK	Firm, SS, Sp, Sap					
		33-48	Clay Loam med SBK	Friable, SS, Sp, Sap					
		some	SAP inclusions	38-42" ↑ well drained					
X AH6	summit/ ridgetop	0-8	Loam weak SBK	Friable, SS, Sp, Sap	—	48	—	—	0.35
		8-29"	Clay med SBK	Firm, slightly SS, Sp, Sap					
		29-48	clay Loam v. weak SBK	Friable, SS, Sp, Sap					
		Abundant SAP inclusions		from 36-48" ↑ well drained					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		176 linear feet
System Type(s)		25% reduction
Site LTAR		0.325

OTHER FACTORS (.1946): Neighbors well encroachment factor
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: Tom Shuck
OTHER(S) PRESENT: _____

COMMENTS: _____


AH1 - 18" Dry Gravels
AH2 = 22" Dry Gravels
AH3 = 20" Dry Gravels
AH4 = 24" Dry Gravels
178
59
WC
24
105
47
House
36
OUT IT
54
80
AH1
5.85
30
AH2
Existing
105
AH3
System
90
AH4
Dig Tree
6.22
AH5
White
74
AH6
23
19
Pink
6.5
102
11
13
6.6
IP
16
22
96
118
147
Murdock Rd