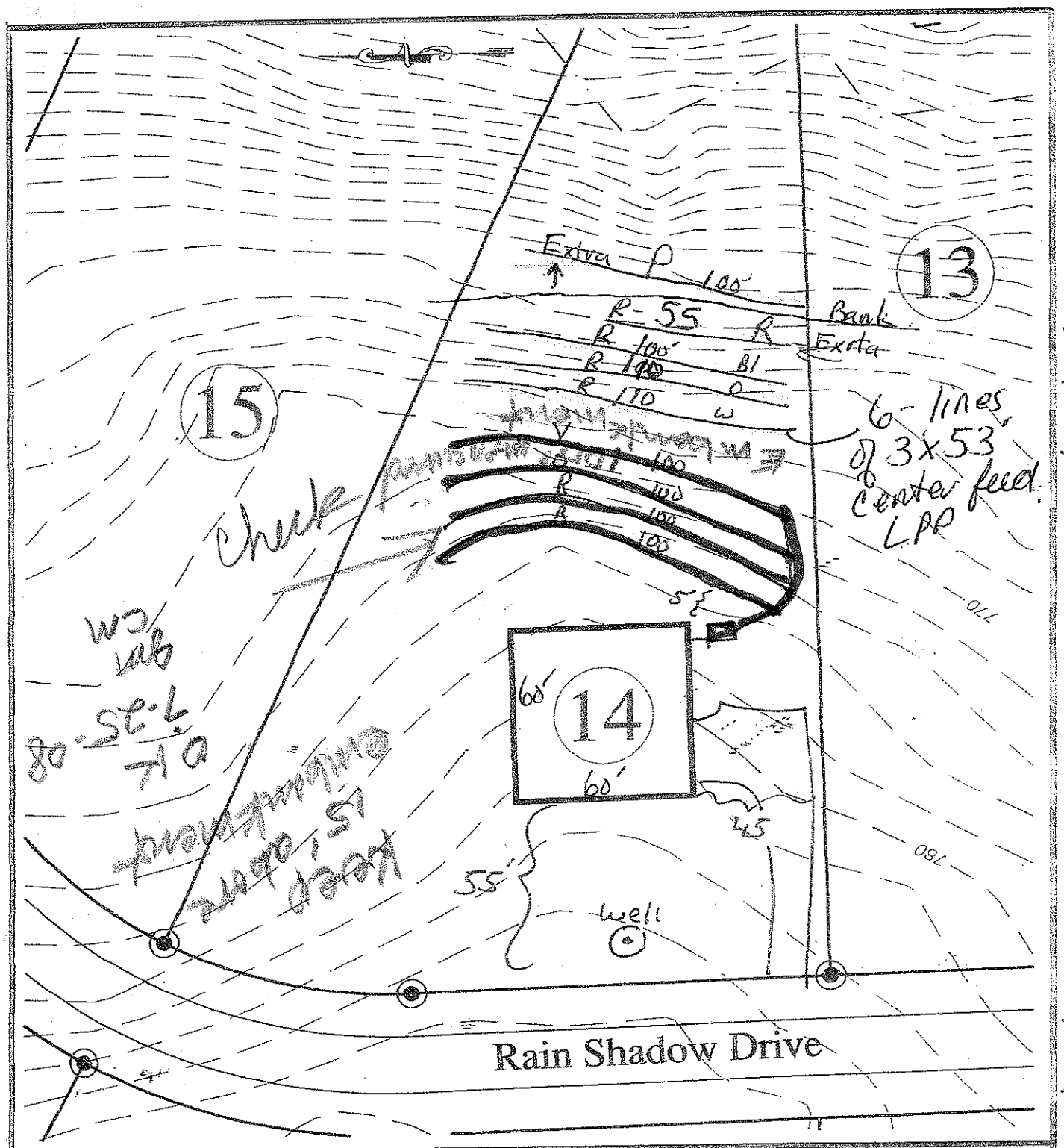


Hollybrook

FOR

DAVID R. MCKAY, LLC. & BETTY MCKAY, LLC.

505 TEETER ROAD
Mooresville, NC 28115
(704) 664-9080

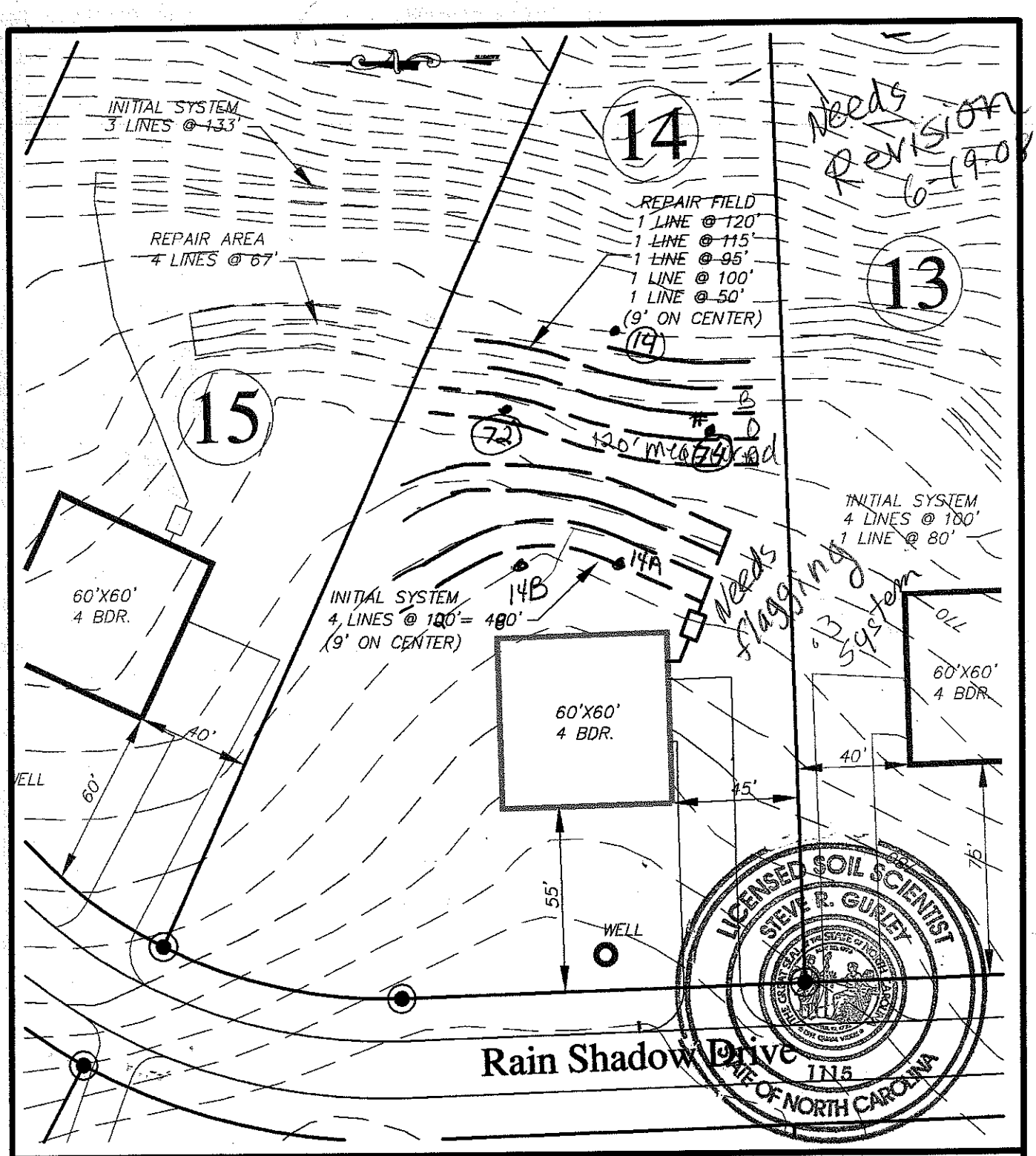
IREDELL COUNTY; CODDLE CREEK NORTH CAROLINA

SEPTIC FIELD LAYOUT
LOT # 14

BAR SCALE 1"=50'

0 25 50 100

4-BR Initial LTAR-0.13 @ 25% Red = 400 lin. ft. = (4) 3'x100' Serial Dist
480gpd Repair. LTAR. 0.25 @ 50% Red = ~~355~~ 320' lin. ft. (4) lines - 2-100', (1) 110', (1)-55' LPP Dist. center feed.



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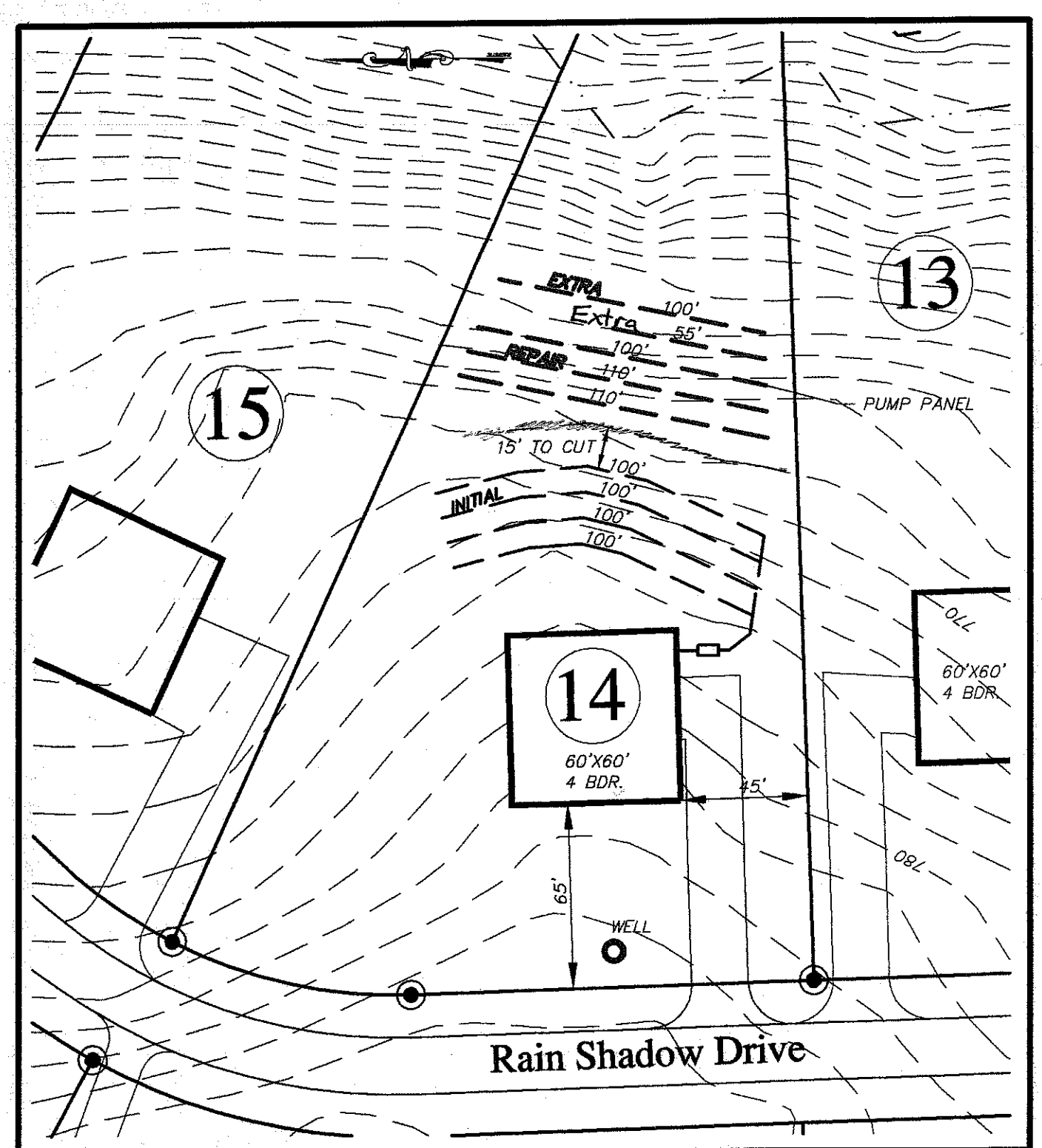
IREDELL COUNTY; CODDLE CREEK NORTH CAROLINA

SEPTIC FIELD LAYOUT
LOT # 14

BAR SCALE 1"=50'

0 25 50 100

14 A new desc.



Hollybrook

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IREDELL COUNTY; CODDLE CREEK NORTH CAROLINA

SEPTIC FIELD LAYOUT
LOT # 14

BAR SCALE 1"=50'

0 25 50 100

Hollybrook Subdivision Septic Specifications
Iredell County , NC

Lot # 14 Type of Water Supply Well Number of Bedrooms 4 GPD Flow 480

Type of Initial System 3g -25% Gravity ✓ Pump ____ LTAR 0.3

Total Linear feet of drain line 400 ' Type of Distribution System Serial

____ Number of Trenches 4 Trench Width and Length 3x100 If

Variable Length Lines List Separately ____ Minimum Trench Spacing 9' o/c

Trench Depth 24" in. Septic Tank Size 1000 gal. Pump Tank Size ____ gal.

Type of Repair System 4a PPBPS Gravity ____ Pump ✓ LTAR 0.25

Total Linear Feet of drain line 320 ' Type of Distribution System LP

Number of Trenches 3 Trench Width and Length 36' wide

If Variable Length List Separately 110, 110, 100 *Extra, 55, 100'

Minimum Trench Spacing 9' o/c

Trench Depth 36 in. Septic Tank Size 1000 gal. Pump Tank Size 1000 gal.

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

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

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
14	Hs (11)	AB 0-5	SBK SCL	SEXP FR S SP	2.5Y 4/6	36"+ see pg 2	?	?	IV <0.25 Ltar (EXP, VS, VP)
		B+ 5-48+	" C	EXP " VS VP					
		Water table at 27" & 11"		S. Wet Saw 36"	The bore hole was moist, water level appeared to				
		have dropped to 48"	based on color match in pit		Several large trees in vicinity of site				
15	Hs (11)	AB 0-5	SBK SCL	SEXP FR S SP	2.5Y 8/4	48"+	N/A	N/A	IV <0.25 Ltar (EXP, VS, VP)
		B+ 5-48+	" SCL	EXP " VS VP					
		Water table at 27" & 11"		Saturated at 36"	The bore hole was moist, water level appeared to have dropped to + 10"				
		based on color match in pit							
16	Hs (11)	A 0-20	SBK SCL	SEXP FR S SP	2.5YR 4/6	48"+	N/A	N/A	III 0.4 Ltar
		B+ 20-48+	" CL	" " " P					
17	CV 8-12% smooth	AB 0-5	SBK SCL	SEXP FR S SP	2.5YR 4/6	48"+	N/A	N/A	IV 0.3 Ltar
		B+ 5-48+	" C	" " " P					
18	L 8-12% smooth	AB 0-5	SBK SCL	SEXP FR S SP	2.5YR 4/6	48"+	N/A	N/A	III/IV 0.35 Ltar
		B+ 5-48+	" C/CL	" " " P					

COMMENTS: _____

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

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

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
68	AS 0-7	Ap 0-3	SBK CL	SEXP FR S P	2.5YR 3/6	26" to CB	II 0.4 ltr	26" to CB	SAP 0.4 ltr
		B1 3-26	" C	" " " "					
		BC* 26-48+	" SL	" " " "					
69	L/CV 0-5 smooth	Ap 0-3	SBK SCL	SEXP FR S P	2.5YR 3/6	48"+	N/A	N/A	IV 0.3 ltr
		BA 3-16	" scl/cl	" " " "					
		B1* 16-38	" C	" " " "					
		BC 38-48+	" cl/CL	" " " "					
70	L 0-10 smooth	Ap 0-3	SBK CL	SEXP FR S P	2.5YR 4/6	48"+	N/A	N/A	IV 0.25 ltr Chipp Clay Loams)
		B1* 3-48+	" C	" " " "					
71	L 0-6 [illegible] to [illegible]	Ap 0-3	SBK CL	SEXP FR S P	2.5YR 4/6	38" to CB	N/A	38" to CB	IV 0.25 ltr
		B1 3-22	" C	" " " "					
		BC 22-38	" cl/c	" " " "					
		CB 38-48+	" cl/c	" " " "					
72	L 0-8 [illegible]	Ap 0-3	SBK CL	SEXP FR S P	2.5YR 4/6	38" to CB	N/A	38" to CB	IV 0.25 ltr (Dense clay in BT & 1BC)
		B1 3-34	" C	" " " "					
		BC 34-38	" cl/CL	" FR/FI " "					
		CB 38-48+	" cl/c	" FR/FI " "					

COMMENTS: * Abundant mica flakes from a smaller in texture

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 24
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Williams, Taylor Rd, Medell Co
ADDRESS:
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: 1/12/08
PROPERTY SIZE:
PROPERTY RECORDED:
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
3 1	L/T 8-20 Sits on part old road bed?	AB 0-2	SBK CL	SEXP FR S P	2.5YR 4/6	38" to C	II SL	38" to C	IV 0.3 ltar 0.5 ltar sap if BL low 38"
		B+ 2-32	" C	" " " "					
		BC 32-38	" cl/CL	" " " "					
		C 38-48+	" SL	" " " SP					
74 2	As 13	Ao 0-3	SBK CL	SEXP FR S P	2.5YR 4/6	48" to sap	N/A	N/A	IV 0.25 ltar (dense clay)
		B+ 3-48+	" C	" " " "					
25 3	As 13	Ao 0-3	SBK CL	SEXP FR S P	2.5YR 4/6	38" to sap	N/A II 0.4 ltar be low 36" if used	38" to sap	IV 0.3 ltar
		B+ 3-28	" C	" " " "					
		BC 28-38	" cl/CL	" " " "					
		C 38-48+	SBK/GR CL/SL	" FR/FR " "					
14 4	L 8-12 undulating (gully 25+ to north)	Ao 0-3	SBK CL	SEXP FR S P	5YR 5/6 2.5YR 4/6	48" to sap	N/A	N/A	IV 0.25 ltar (dense clay)
		B+1 3-26	" C	" " " "					
		B+2 26-48+	" "	" " " "					

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: