DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL HEALTH

ON-SITE WASTEWATER SECTION

SHEET: 1 of 2

PERMIT #:

PROPERTY ID #:

COUNTY: Iredell

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM

OWNER/APPLICANT: Mark Lancaster

ADDRESS:

APPLICATION DATE:

PROPOSED FACILITY: 5 BR SFD PROPOSED DESIGN FLOW (.1949): 600 GPD

DATE EVALUATED: 10/05/06 + 10/10

LOCATION OF SITE: LOT #18 SHADY COVE S/D / LOT #10 LILY PAD S/D

PROPERTY SIZE:

WATER SUPPLY: ☒ Private ☐ Public ☒ Well ☐ Spring ☐ Other

PROPERTY RECORDED:

EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut

TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LSCP PSTN/ SLOPE %	HORIZ 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	L ~8%	0-3	1, M, Gr, SL	VFr, NP, NEXP	SP/MP, SEXP N/A	28"	PS (Loam & SL)	N/A	PS 0.25
		3-28	1, M, Pr Parting to 2/, C, Abk, Clay Fr/Fi						
		28-43	1, M/C, Abk, C & SAP MIX (≥50% SAP)						
		43-76	Massive, SAP	Fr					
2	L	0-3	1, M, Gr, SL	VFr, NP, NEXP	N/A	36"	PS (Loam)	N/A	PS 0.25
		3-13	Very Weak to Massive	SC Fi/Fr, SP, SEXP					
		13-36	1, M, Pr Parting to 2/, C/VC, Abk/sbk, Clay Fr/Fi	SP, SEXP					
		36-70	Massive, SC & SAP MIX	Fi/Fr (≥50% SAP)					
3	L	0-3	1, M, Gr, SL	VFr, NP, NEXP	N/A	33"	PS (Loam & SL)	N/A	PS 0.25
		3-23	2, M/C, Abk, C	Fi/Fr, SP/MP, SEXP					
		23-33	1, M/C, Abk, C w/ SAP Inclus (<50% SAP)						
		33-64	Massive, SAP	Fr (≥50% SAP)					
4	L/H	0-5	1, F, Gr, SL	VFr, NP, NEXP	10YR 6/3 (Pale Brown) 2.5YR 4/6 (Red) 5YR 3/3 (Red Dirk Brown) — FEW TO COMMON	30"+	N/A	N/A	US
		5-22	1, M, sbk, C	Fr, SP, SEXP					
		22-50	FW, M/C, sbk, C	Fi/Fi, SP/MP, SEXP	10YR 6/2 (Light Gray) 10R 4/8 (Red) — COMMON TO MANY				
#5 ON REAR (+ #6)									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	IV	IV
Site LTAR	0.25	0.25

OTHER FACTORS (.1946):

SITE CLASSIFICATION (.1948): PS

EVALUATED BY: P. Mitchell

OTHER(S) PRESENT: S. Hedrick

COMMENTS:

* PG. 2 ON REAR