DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: 4712247938
COUNTY: IREDELL

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Jonathan McFarland
ADDRESS: 273 Hawk St. Statesville
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 3 bdrm
LOCATION OF SITE: Lot 24 Enfield Farms
WATER SUPPLY: • Private • Public • Well • Spring • Other
EVALUATION METHOD: • Auger Boring • Pit • Cut
APPLICATION DATE 3-30-10
DATE EVALUATED: 4-21-10
PROPERTY SIZE: ~3.3 ac
PROPERTY RECORDED: YES
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	~24.5% S	0-11	gr brn sl	fr sssp	None ODS	31"	NA	31" bedrock or hardpan	@25-.3 to 31"
		11-31	mfsbk yr gravelly sl	fr sssp					
		31"+	hit rock/unable to auger further						
2	~29% L	0-13	gr brn gravelly sl	fr sssp	None	41"	NA	41"	@.3 to 41"
		13-24	wk sbk yr scl	fr sssp					
		24-41	mfsbk yr scl	fr sssp					
		41"	hit rock/unable to auger further						
3	10%	0-8	gr brn sl	fr sssp	None	34"	NA	34"	@.3 to 34"
		8-34	sbk yr c	fr sssp					
		34"	hit rock/unable to auger further						
4	10%	0-10	gr brn sl	fr sssp	None	48"	NA	NA	@.3
		10-48	sbk yr c	fr sssp sop					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	S	S
System Type(s)	Conv 25% Trench	Conv 25% Trench
Site LTAR	.25	.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): ES
EVALUATED BY: DRH
OTHER(S) PRESENT: Jon McFarland

COMMENTS: Drainfield area very wet. Potential lines may need to be reflagged after clearing.

DENR/DEH

ON-SITE WASTEWATER SECTION

Page 2

Sheet ___ of ___
PROPERTY ID #: 471224 7958
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Jonathan McClelland — APPLICATION DATE 3-30-10
ADDRESS: 223 Atwell DR. — DATE EVALUATED: 4-21-10
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 360 gpd — PROPERTY SIZE: ~3.3Ac
LOCATION OF SITE: 223 Atwell DR. Lot 24 Eufola Farms — PROPERTY RECORDED: 465
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
5 (1)	15% L	0-12	WkSBK sl clay	frssp	None	48"	NA	NA	.25-.3
		12-38	SBK rd C	frssp SPP					
		38-48	WkmSBK red CL	frssp few gravel					
6 (2)	18%	0-12	WkSBK red SCL	frssp	None	48"	NA	NA	.25
		12-39	SBK red C	frssp SPP					
		39-48	SBK red CL	frssp few gravel					
7 (3)	16-18%	0-9	WkSBK CL	frssp	None	42"* probably 48 Rock labeled a "Plinth"	NA contrasts	Perhaps 42", Likely NA	.25-.6 42"
		9-32	SBK red C	frssp SPP					
		32-42	SBK YR C/CL	frssp few					
		42"	hard rock/Weathered Stygnel						
4									

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

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): ___
EVALUATED BY: SEE Page 1
OTHER(S) PRESENT: ___

COMMENTS: ___