DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 464626737 6
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Grande Homes
ADDRESS: 555 Delburg St.
PROPOSED FACILITY: 4BR SFD PROPOSED DESIGN FLOW (.1949): 480gpd
LOCATION OF SITE: 324 Sundown Rd.
WATER SUPPLY: • Private • Public • Well • Spring • Other N/A
EVALUATION METHOD: • Auger Boring • Pit • Cut

APPLICATION DATE 2-4-13
DATE EVALUATED: 3-8-13
PROPERTY SIZE: 0.68 acres
PROPERTY RECORDED: Yes
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
1	4% L	0-19	C SBK	F SS/SP Mod SE	>48"	>48"	>48"	>48"	PS 0.3
		19-48	SCL SBK	F SS/SP Fri SE					
2	4% L	0-9	SCL SBK	F SS/SP Mod SE	>48"	>48"	>48"	>48"	PS 0.25
		9-27	C SBK	F SS/SP Mod SE					
		27-48	CL micaceous WSBK	F Mod SE					
3	9% L	0-10	SC SBK	F Mod SE	>48"	>48"	>48"	>48"	PS 0.3
		10-39	C SBK	F Mod SE					
		39-48	CL micaceous SBK	F Mod SE					
4	9% L	0-10	SC SBK	F Mod SE	>48"	>48"	>48"	>48"	PS 0.25
		10-48	C SBK	F SS/SP Mod SE					

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

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Justin Hodges & David Hinson
OTHER(S) PRESENT: N/A

COMMENTS: N/A

DEPARTMENT OF ENVIRONMENT 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: DS Green Homes — APPLICATION DATE _____
ADDRESS: _____ — DATE EVALUATED: 3-5&6-07
PROPOSED FACILITY: _____ — PROPOSED DESIGN FLOW (.1949): 480 — PROPERTY SIZE: _____
LOCATION OF SITE: Sundown Rd Lot 9 — 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	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
1	Linear 5% Below House Center	0-3	sbk cl		few ye/br				.25
		3-30	abk/sbk C	fi/fr sss p					
		30-48	abk/sbk C	fi fr ss sp					
			+ com Soft						
2	Above House Repair	0-5	sbk scl		com-many manganese				.225
		5-20	sbk cl						
		20-48	sbk C	fr/fri ss sp					
3	Below House	0-4	scl						.275
		4-30	sbk cl/c	fr/fri ss sp					
		30-48	cl + com-	many soft pr ss					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	Yes	Yes
System Type(s)	25%	2 PPBDS
Site LTAR	.25	.225

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): DS
EVALUATED BY: J Melville
OTHER(S) PRESENT: _____

COMMENTS: _____