DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet __1__ *of* __2__

PROPERTY ID #: _4636876794_

COUNTY: __Iredell___

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____Jenaper Loma Hill, LLC_____ APPLICATION DATE__6-18-13__

ADDRESS:_____PO Box 5351 Mooresville, NC 28117_____ DATE EVALUATED: ___6-5-13____

PROPOSED FACILITY: ___4 BRM_____ PROPOSED DESIGN FLOW (.1949): ___480 gpd___ PROPERTY SIZE: _____0.46 ac_____

LOCATION OF SITE: _____Corner of Canvasback and Webbed Foot_____ PROPERTY RECORDED: ____yes_____

WATER SUPPLY: ☐ Private **X** Public **X** Well ☐ Spring ☐ Other _____

EVALUATION METHOD: **X** Auger Boring ☐ Pit ☐ Cut TYPE OF WASTEWATER: **X** Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
B 1	LSS 4%	0-12	RB CL WFSBK	FR, SS, SP, SEXP	-Few sap incl.	48"	-	-	PS 0.3 gpd/sqft
		12-40	R C WFSBK	FR, SS, SP, SEXP					
		40-48	R C WFSBK	FR, SS, SP, SEXP					
B 4	LSS 4%	0-10	B SCL GR	FR, SS, SP, SEXP	-Few Mn	48"	-	-	PS 0.25 gpd/sqft
		10-28	BR C WFSBK	FR, SS, SP, SEXP					
		28-48	R C WFSBK	FI, SS, SP, SEXP	-Few YB 30-34", com. YB >34", few Mn				
B 5	LSS 3%	0-12	B SCL GR	FR, SS, SP, SEXP	-Com. Mn	48"	-	-	PS 0.275 gpd/sqft
		12-48	BR C WFSBK	FR, SS, SP, SEXP					
B 6	LSS 3%	0-16	B SCL GR	FR, SS, SP, SEXP	-Com. Mn	48"	-	-	PS 0.275 gpd/sqft
		16-48	BR C WFSBK	FR, SS, SP, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	Not Required
System Type(s)	25% Reduction	
Site LTAR	0.25 gpd/sqft	

OTHER FACTORS (.1946): None

SITE CLASSIFICATION (.1948): PS

EVALUATED BY: Adrian Pruett

OTHER(S) PRESENT: None

COMMENTS:_____

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4636876794
DATE OF EVALUATION: 6-5-13
COUNTY: Iredell

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
B 7	LSS 2%	0-12	B SCL GR	FR, SS, SP, SEXP	-Com. Mn	48"	-	-	PS
		12-30	BR C WFSBK	FR, SS, SP, SEXP					
		30-48	BR C WFSBK	FR, SS, SP, SEXP	-Many Mn, Few YB				0.25 gpd/sqft
B 8	DITCH BOTTOM	0-4	B SCL GR	FR, SS, SP, SEXP	-Few/Com. YB >24"	48"	-	-	PS
		4-38	R C WFSBK	FR, SS, SP, SEXP					
		38-48	R CL WFSBK	FR, SS, SP, SEXP	-Com. Sap				0.25gpd/sqft

COMMENTS: _____