)N-SITE WASTEWATER SECTION

PROPERTY ID #: _____
COUNTY: ___IREDELL___

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

)WNER: _____JOHN PAPATZANAKIS_____ APPLICATION DATE_____
\DDRESS:_____208 LAKEVIEW SHORES LP, MOORESVILLE, NC 28117_____ DATE EVALUATED: _10/2011___
'ROPOSED FACILITY: ___5 BRM _____ PROPOSED DESIGN FLOW (.1949): __600gpd/sqft__ PROPERTY SIZE: ____0.77 ac._____
.OCATION OF SITE: _____208 LAKEVIEW SHORES LP MOORESVILLE_____ PROPERTY RECORDED: ____YES____
VATER SUPPLY: X Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
:VALUATION 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 8%	0-24	RY CL WFSBK	FR, SS, SP, SEXP	-Com. Sap	36"	PS	-	PS
		24-36	RY CL VWVFSBK	FR, SS, SP, SEXP	-Many Sap				0.35 gpd/sqft
		36-48	VAR, SL SAP M	FR, SS, SP, SEXP	-Com./Many CL incl				
B 2	LSS 14%	0-12	FILL		-Many Sap	22"	PS	-	PS
		12-22	RY CL WFSBK	FR, SS, SP, SEXP					0.4 gpd/sqft
		22-38	VAR, SL SAP M	FR, SS, SP, SEXP	-Com. R CL incl. & veins				
		38-48	VAR, SL SAP M	FR, SS, SP, SEXP					
B 3	LSS 15%	0-11	RY CL WFSBK	FR, SS, SP, SEXP	-Many Sap	11"	PS	-	PS
		11-48	VAR/YR SL SAP M	FR, SS, SP, SEXP	-Few R CL incl.				0.45 gpd/sqft
B 4	LSS 18%	0-7	FILL		-Very light clay	44"	PS	-	PS
		7-21	R C WFSBK	FR, SS, SP, SEXP					0.3-.35 gpd/sqft
		21-44	RY CL WFSBK	FR, SS, SP, SEXP	-Com./Many Sap				
		44-48	VAR SL SAP M	FR, SS, SP, SEXP	-Few/Com. R CL incl.				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Existing Bed with PPBPS Expansion	LP PPBPS
Site LTAR	0.3 gpd/sqft	0.3 gpd/sqft

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS

EVALUATED BY: Adrian Pruett, LSS
OTHER(S) PRESENT: None

COMMENTS:_____

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: _____
DATE OF EVALUATION: 10/2011
COUNTY: IREDELL

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
B 5	LSS 12%	0-28	R CL WFSBK	FR, SS, SP, SEXP	-Many Sap	28"	PS	-	PS
		28-48	PY SL SAP M	FR, SS, SP, SEXP	-Few CL incl.				0.35 gpd/sqft
B 6	LSS 20%	0-12	FILL			42"	PS	-	PS
		12-31	R C WFSBK	FR, SS, SP, SEXP	-Com. Sap				
		31-42	RY CL WFSBK	FR, SS, SP, SEXP	-Many Sap				0.3-.325 gpd/sqft
		42-48	VAR SL SAP M	FR, SS, SP, SEXP	-Com. CL incl.				
B 7	LSS 18%	0-12	FILL			42"	PS	-	PS
		12-32	R C WFSBK	FR, SS, SP, SEXP	-Few Sap				
		32-42	RY CL WFSBK	FR, SS, SP, SEXP	-Many Sap				0.3-.325 gpd/sqft
		42-48	VAR SL SAP M	FR, SS, SP, SEXP	-Few CL incl.				
B 8	LSS 20%	0-2	FILL			31"	PS	-	PS
		2-6	B CL WFSBK	FR, SS, SP, SEXP					
		6-18	R C WFSBK	FR, SS, SP, SEXP	-Few Sap				0.35 gpd/sqft
		18-31	RY CL WFSBK	FR, SS, SP, SEXP	-Many Sap				
		31-48	VAR. SL SAP M	FR, SS, SP, SEXP					
B 9	LSS 20%	0-18	FILL	FR, SS, SP, SEXP		48"	-	-	PS
		18-48	R C MFSBK	FR, SS, SP, SEXP	-Com. mica				
		48-60	R CL LFSBK	FR, SS, SP, SEXP	-Com Sap				0.3 gpd/sqft

COMMENTS: _____

SOIL/SITE EVALUATION

(Continuation Sheet)

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: _____
DATE OF EVALUATION: 10/2011
COUNTY: IREDELL

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
B 10	LSS 20%	0-12	FILL			48"	-	-	PS
		12-20	B SCL GR	FR, SS, SP, SEXP					0.3 gpd/sqft
		20-25	RY C WFSBK	FR, SS, SP, SEXP					
		25-60	R C MFSBK	FR, SS, SP, SEXP	-Few Sap >40"				
P 1	L 8% ALP + JM	0-13	R C WSBK	Fr, SS, SEXP	-many sap -incl. CL	26"	PS	-	PS .3
		13-26	RY CL WSBK	Fr, SS SEXP					
		26-60	SL Sap M	Fr, SS, SEXP					
P 2	L 15% JM + ALP	0-24	CL WSBK	Fr, SS SEXP	- few sap -	24"	PS	-	PS .35
		24-60	SL Sap M	VFr, SS SEXP					
P 3	L 25% JM + ALP	4-0	FILL						PS .3
		0-22	C MSBK	Fr, SS SEXP	- few sap -incl. CL				
		22-36	CL MSBK	Fr, SS SEXP					
		36-60	SL Sap M	Fr, SS SEXP					
P 4	L 20% JM + ALP	0-15	C MSBK	Fr, SS, SEXP	- - few incl. CL	30"	PS	-	PS .3
		15-30	CL WSBK	Fr, SS, SEXP					
		30-60	SL Sap M	Fr, SS, SEXP					

COMMENTS: AB 12" fill o to o| + com. - many sap to 48"