DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 2
PROPERTY ID #: 4758543463
COUNTY: Iredell

SOIL/SITE EVALUATION
for **ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

OWNER: STME Engineering
ADDRESS: 385 Timber Rd.
PROPOSED FACILITY: Environmental Center PROPOSED DESIGN FLOW (.1949): 5000gpd
LOCATION OF SITE: 1919 US Hwy 21
WATER SUPPLY: ~~Private~~ ☐ Public ☐ Well ☐ Spring ☐ Other N/A
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut

APPLICATION DATE 12-16-13
DATE EVALUATED: 1-3-14
PROPERTY SIZE: 516 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	8% NS	0-12	C fi	ABk SE	+60"	24"	24-60" PS	+60"	.4
		12-24	BC fi/fr	WABk SE					
		24-60	Sap(SL) fr	mass w/A					
2	6% NS	0-33	C fi	SBk SE	+67"	33"	33-67" PS	+67"	.35
		33-67	Sap(SL) fr	mass w/A					
3	7% NS	0-~~5~~	SCL fr	gr SE	+66"	31"	31-66" PS	+66"	.35
		~~5~~-14	C fi	SBk SE					
		14-31	BC fi/fr	WSBk SE					
		31-66	Sap(L) fr	mass w/A					
4	8% NS	0-24	C fi	SBk SE	+60"	37"	37-60" PS	+60"	.3
		24-37	BC fi/fr	WSBk SE					
		37-60	Sap(SL) fi	mass w/A					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	II	II
Site LTAR	0.35	0.3

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Justin Henderson Health Srvw
OTHER(S) PRESENT: N/A

COMMENTS: Install TB @ N/A

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: 475854363
DATE OF EVALUATION: 12-5-14
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
5		0-30	C micaSBK	Fr Mod SE	+60"	31"	31	+60"	PS 0.3
		30-60	SAPC M	Fr Mod SE					
6		0-28	C micaSBK	Fr Mod SE	+60"	28"	28"	+60"	PS 0.35
		28-60	SAPSL M	Fr Mod SE					
7		0-24	C SBK	Fr Mod SE	+60"	36"	36"	+60"	PS 0.3
		24-36	CL SAP Incl WSBK	Fr Mod SE					
		36-60	SAPSC M	Fr Mod SE					
8		0-30	C SBK	Fr Mod SE	+60"	40"	40"	+60"	PS 0.3
		30-40	CL micaWSBK	Fr Mod SE					
		40-60	SAPSC M	Fr Mod SE					

COMMENTS: