DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 3
PROPERTY ID #: 4752868164
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Allen Johnson
ADDRESS: 1052 Davis St.
PROPOSED FACILITY: 4BR SFD
PROPOSED DESIGN FLOW (.1949): 480gpd
LOCATION OF SITE: 192 Crestview Acres
WATER SUPPLY: • Private • Public • Well • Spring • Other N/A
EVALUATION METHOD: • Auger Boring • Pit • Cut
TYPE OF WASTEWATER: • Sewage • Industrial Process • Mixed

APPLICATION DATE 9-10-13
DATE EVALUATED: 9-30-13
PROPERTY SIZE: 5.1 acres
PROPERTY RECORDED: Yes

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	11.5% NS	0-20	C SBK	Fi SS/SP Mod SE	46" 2.5Y 8,1	46"	46"	46"	PS 0.25
		20-46	CL micaceous WSBK	Fr Mod SE	8"-20" 2.5Y 5,6				
2	13% NS	0-6	SCL SBK	Fi SS/SP Mod SE	18" 2.5Y 6,1	18"	18"	18"	PS 0.1
		6-20	C ABK	Fi SS/SP Mod SE					
		20-48	SCL micaceous SBK	Fr Mod					
3	10% NS	0-30	C ABK	Fi SS/SP Mod SE	>48"	>48"	>48"	>48"	PS 0.25
		30-48	CL WSBK	Fr SS/SP Mod SE					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	II	I
Site LTAR	0.2	0.1

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matt Anderson
OTHER(S) PRESENT: Brady Freeman

COMMENTS: N/A

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 2 of 3
PROPERTY ID #: 4752868164
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Allen Johnson
ADDRESS: 1052 Davis St.
PROPOSED FACILITY: 4 BR SFD PROPOSED DESIGN FLOW (.1949): 480 gpd
LOCATION OF SITE: 192 Crestview Acres
WATER SUPPLY: • Private • Public • Well • Spring • Other N/A
EVALUATION METHOD: • Auger Boring • Pit • Cut

APPLICATION DATE 9-10-13
DATE EVALUATED: 10-9-13
PROPERTY SIZE: 5.1 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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	13% NS	0-10	SCL SBK/GR	FR SS/SP MOD SE	18" 2.5YR 7/1 25" Gley 1 6/2	18"	>18"	18"	PS 0.1 drip
		10-42	C YR W SBK	FI					
2	11% NS	0-6	BSCL GR	FR SS/SP MOD SE	18" 2.5YR 6/1 31" 2.5YR 6/1 + 7/1	18"	18"	18"	PS 0.1 drip
		6-24	YRC ABK	FI VS VP MOD E?					
		24-50	C SAP inclusions W SBK	FI MOD					
3	10% NS	0-8	V SCL SBK	FI SS/SP MOD SE	>18"	>18"	>18"	>18"	PS .225
		8-25	YRC micaceous ABK	FI SLP MOD SE					
		25-43	YR C SAP INC. W SBK	FI SS/SP MOD SE					
		43-48	YR CL SAP INC W SBK	FI SS/SP MOD SE					
4	11.5% NS	0-9	BSCL WSBK	FI SS/SP SE-?	Common SAP >18"	>18"	>18"	>18"	.2 at 2 ST
		9-23	YRC ABK	FI SP					
		23-29	YRC WABK	FI SP -					
		29-48	RYC WSBK	FI SP -					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	III	V
Site LTAR	0.2	0.1

OTHER FACTORS (.1946): N/A
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matt Anderson
OTHER(S) PRESENT: Brady Freeman

COMMENTS: N/A

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 3 of 3
PROPERTY ID #: 4752868164
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Allen Johnson
ADDRESS: 1052 Davis St.
PROPOSED FACILITY: 4BR SFD PROPOSED DESIGN FLOW (.1949): 480gpd.
LOCATION OF SITE: 192 Crestview Acres
WATER SUPPLY: • Private • Public • Well • Spring • Other N/A
EVALUATION METHOD: • Auger Boring • Pit • Cut

APPLICATION DATE 9/10/13
DATE EVALUATED: 10-9-13
PROPERTY SIZE: 5.1 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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
5	5 12% NS	0-7	BSCL WSSH	fri SSSP	>48"	>48"	>48"	>48"	PS .25
		7-25	YR/RC ABK	fi; S, SP					
		25-45	RC WBSH	fi; SSSP					
6	11% NS	0-6	BSCL WSSH	fri SSSP Scap	>48"	>48"	>48"	>48"	PS .25
		6-24	RC ABK	fr/fi SP					
		24-37	RC MFSBK	fri SSSP Scap - comm. SAP					
		37-48	RCL WSBK	fri SSSP Scap - many SAP					
7	10% NS	0-8	BSCL WSBK	fri SSSP Scap	WB @ 34"				.2
		8-34	RY/RC ABK	fi SP					
		34-44	RCL WSBK	fri SSSP Scap					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	I	I
Site LTAR	0.2	0.1

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

COMMENTS: N/A