514

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 5
PROPERTY ID #: 4830-640-
COUNTY: 49 965

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: ALAN DALE BESS
ADDRESS:
PROPOSED FACILITY: RESIDENCE PROPOSED DESIGN FLOW (.1949):
LOCATION OF SITE: 514 BESS ROAD
WATER SUPPLY: • Private • Public • Well • Spring • Other
EVALUATION METHOD: • Auger Boring • Pit • Cut

APPLICATION DATE 6/19/12
DATE EVALUATED: 7/3/12
PROPERTY SIZE: 3 AC
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	L 14%	0-3	wf SBK/CL	fr/ss/sp/se/p	N/A →			→	.25
		3-20	wf/SBK/CL	fr/ss/sp/se/p					
		20-38	wf SBK CL	wf ss/sp/se/p					
		38-48	wf C SAP MIX	wf/ss/sp/se/p					
2	L 14%	0-4	wf/sp/CL	fr/ss/se/p	N/A	N/A	U 20" SAP	N/A	
		4-20	C SAP w/m	SBK fr/ss/sp/se/p					
		20+	SAP						
3	L 14%	0-6	SL SBK	fr/ss/sp/se/p	N/A	N/A	U 37" SAP	N/A	
		6-31	C ABK	fi/s/sp/se/p					
		31-36	C SAP	fr/ss/sp/se/p					
		37+	SAP						
4	L 12%	0-8	SL SBK	fr/ss/sp/se/p	N/A →			→	.25
		8-26	C ABK	fi/s/sp/se/p					
		26-48	C SAP MIX	fr/ss/sp/se/p					

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: KIM MECIMORE
OTHER(S) PRESENT: MATTHEW DAVIS

COMMENTS: BACK HOE PITS WILL BE NEEDED TO ADEQUATELY EVALUATE SOIL CHARACTERISTICS

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 3 of 5
PROPERTY ID #:
COUNTY: 49

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM

OWNER: ALAN DALE BESS
ADDRESS:
PROPOSED FACILITY: RESIDENCE PROPOSED DESIGN FLOW (.1949):
LOCATION OF SITE: 514 BESS ROAD
WATER SUPPLY: • Private • Public • Well • Spring • Other
EVALUATION METHOD: • Auger Boring • Pit • Cut

APPLICATION DATE 6/19/12
DATE EVALUATED: 7/3/12
PROPERTY SIZE:
PROPERTY RECORDED:
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
5	L 12%	0-8	SL SBK	SS/SP/SO-P	N/A →				.25
		8-41	C ABK	FI/S/SP/SO-P					
		41-48	C SAP	FR/SS/SP/SO-P					
6	L 12%	0-8	SL SBK	SS/SP/SO-P	N/A →				.25
		8-36	C ABK	FI/S/SP/SO-P					
		36-48	C+ SAP	FR/SS/SP/SO-P					
3									
4									

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS

EVALUATED BY: KIM MECIMORE
OTHER(S) PRESENT: MATTHEW DAVIS

COMMENTS:

DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 5 of 5
PROPERTY ID #: 4930-64[illegible]-7965
COUNTY: 49

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: ALAN DALE BESS
ADDRESS:
PROPOSED FACILITY: RESIDENCE PROPOSED DESIGN FLOW (.1949): 0.25
LOCATION OF SITE: 514 BESS ROAD
WATER SUPPLY: • Private • (Public) • Well • Spring • Other
EVALUATION METHOD: • Auger Boring • (Pit) • Cut

APPLICATION DATE 6/19/12
DATE EVALUATED: 7/10/12
PROPERTY SIZE: 31 AC
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	L 20%	0-26	ABK C		N/A	N/A	PS .3 @ 37"	N/A	.25
		26-37							
		37-63	SAP LOAM						
2	L 20%	0-27	ABK C		N/A	N/A	PS .3 @ 27"	N/A	.25 / .3
		27-58	SAP LOAM						
3	L 20%	0-10	ABK C		N/A	UC @ 10"+	N/A	N/A	N/A
		10+	ROCK						
4	L 20%	0-25	ABK C		N/A	N/A	PS .3 @ 37	N/A	.25 / .3
		25-37	C+SAP MIX						
		37-60	SAP/LOAM						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	25% RED.	25% RED.
System Type(s)	GRAVITY	PUMP
Site LTAR	.25	.25

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

EVALUATED BY: KIM MECIMORE, STEVE HEDRICK
OTHER(S) PRESENT: STEVE JORDAN, MATTHEW DAVIS

COMMENTS: