1111 BAY ROAC





Commonwealth of Massachusetts City/Town of Amherst **Certificate of Compliance** Form 3

DEP has provided this form for use by local Boards of Health. Other forms may be used, but the information must be substantially the same as that provided here. Before using this form, check with the local Board of Health to determine the form they use.

This is to Certify that the following work on an On-Site Sewage Disposal System

Construction of a new system

Repair or replacement of an existing system

Repair or replacement of an existing system component

Has been done in accordance with Title 5 and the Disposal System Construction Permit (DSCP):

8	
1	ab
-	-V
rstur	

Important:

forms on the computer, use

When filling out

only the tab key to move your cursor - do not

use the return key.

DSCP Number	DSCP Date	
Fred Errington		
Facility Owner		
1111 Bay Road		
Street Address or Lot #		
Amherst, MA	MA	01002
City/Town	State	Zip Code
Designer Information:		
Alan Weiss, RS, # 933	Cold Spring Env	vironmental, Inc.
Name	Name of Company	
the wars	03.30.2012	
Signature	Date	and the second
Installer Information:		
Karls	Karls Excavatin	a
Name of 11	Name of Company	
		<u> </u>

Use of this system is conditioned on compliance with the provisions set forth below:

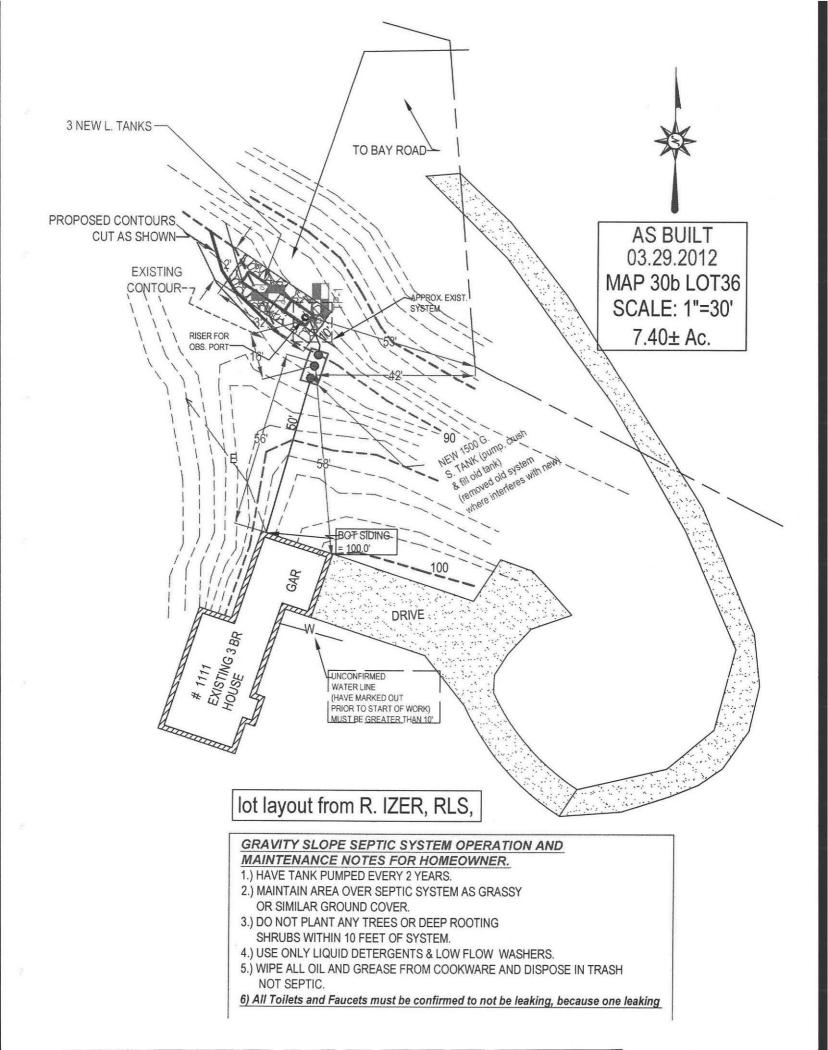
Pump s. tank every two years.

The issuance of this certificate shall not be construed as a guarantee that the system will function as designed.

AMHERST HEALTH DEPARTMENT pproving Authority Juiflian ASST. SANITARIAN Signature

3/20/2012-Date

2.5.8



	FEE TO TOT
COMMONWEALTH	OF MASSACHUSETTS
Board of Health.	Amherst., MA.
	SYSTEM CONSTRUCTION PERMIT
	Manager 1 - 1
Application for a Permit to Construct() Repair (Upgrade()	Abandon() - Complete System D Individual Components
Location 1111 Buy Rel.	Owner's Name Fred For my tod + Deburch Gueste
Map/Parcel# 305 / 36	Address /11/ Bay pl- Angrest MA.
Lot# #2(Telephone# 753-9619
Installer's Name VAAI'S Eccourtin	Designer's Name Alu, like 55 de 4
Address Iladly MA	Address Boldo and Address
Telephone# $1/12 - 6\sqrt{9.53}$ G/2	Telephone# 4/3-37 5-5957
Pace Anna	Lot Size 7.40 Act - sq. ft
	for size sq. it
	No. of personsShowers (), Cafeteria ()
Other Fixtures	
Design Flow (min. required) gpd Calculated	d design flow Design flow provided gpd
Plan: Date 2 2 2012 Number of sheets	Revision Date
	GR Deboah Gweitht Ford Errigt
Description of Soil(s)	
Soil Evaluator Form No Name of Soil Eva	aluator A. Weiss RS Date of Evaluation 2 /14/2012
DESCRIPTION OF REPAIRS OR ALTERATIONS	E. Smith, BOH
multe Moul Sonti Sis	tu
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi	ficate of Compliance has been issued by the Board of Health.
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Appendix to the system of t	iewage Disposal System in accordance with the provisions of TITLE 5 and ficate of Compliance has been issued by the Board of Health.
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Appendix to the system of t	Sewage Disposal System in accordance with the provisions of TITLE 5 and ificate of Compliance has been issued by the Board of Health. The state $Aarch 7, 2012$
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Appendix to the system of t	Sewage Disposal System in accordance with the provisions of TITLE 5 and ficate of Compliance has been issued by the Board of Health. The factor $7_{1} \ge 0.12$ ate $Aarch 7_{2} \ge 0.12$
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Appendix to the system of t	Sewage Disposal System in accordance with the provisions of TITLE 5 and ificate of Compliance has been issued by the Board of Health. Tate $AAarch 72012$
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Arecurc Arry D. Inspections	Sewage Disposal System in accordance with the provisions of TITLE 5 and ificate of Compliance has been issued by the Board of Health. The Alarch 7, 2012 The Hard Strength St
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Arecurc Any D	Sewage Disposal System in accordance with the provisions of TITLE 5 and ificate of Compliance has been issued by the Board of Health. The state $Aarch 72012$
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Arewin Di Inspections	Sewage Disposal System in accordance with the provisions of TITLE 5 and ificate of Compliance has been issued by the Board of Health. Tate Alanch 7, 2012 The Alanch 7, 2012 FEE HSO tor I OF MASSACHUSETTS
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Application Control of Description Descriptions Inspections No. <u>12-10</u> No. <u>12-10</u> Roard of Health, <u>An</u>	Sewage Disposal System in accordance with the provisions of TITLE 5 and ificate of Compliance has been issued by the Board of Health. Tate Aard 7, 2012 HOF MASSACHUSETTS
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Arecards Angle Di Inspections Di Inspections Di No. <u>12-10</u> No. <u>12-10</u> COMMONWEALTH Board of Health, <u>An</u> CERTIFICATE	iewage Disposal System in accordance with the provisions of TITLE 5 and ificate of Compliance has been issued by the Board of Health. Tate Aard 7, 2012 I OF MASSACHUSETTS INFEST, MA. OF COMPLIANCE
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Areland Component(s) Complet Description of Work: Individual Component(s) Complet	Eewage Disposal System in accordance with the provisions of TITLE 5 and ficate of Compliance has been issued by the Board of Health. ate Aard 7, 2012 HOF MASSACHUSETTS MA. OF COMPLIANCE te System
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Arecards Angle Di Inspections Di Inspections Di No. <u>12-10</u> COMMONWEALTH Board of Health, <u>An</u> CERTIFICATE Description of Work: □ Individual Component(s) ©Complet The undersigned hereby certify that the Sewage Disposal System;	iewage Disposal System in accordance with the provisions of TITLE 5 and ficate of Compliance has been issued by the Board of Health. The Act 7, 2012 I OF MASSACHUSETTS INFEST, MA. OF COMPLIANCE te System Constructed (), Repaired (), Upgraded (), Abandoned ()
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Are and Are Do Inspections	iewage Disposal System in accordance with the provisions of TITLE 5 and ficate of Compliance has been issued by the Board of Health. ate Aard 7, 2012 HOF MASSACHUSETTS MAREST, MA. OF COMPLIANCE te System Constructed (), Repaired (), Upgraded (), Abandoned ()
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Arecard Many Di Inspections Di Inspections Di Inspections Di No. 12-10 COMMONWEALTH Board of Health, An CERTIFICATE Description of Work: Individual Component(s) Incomplet The undersigned hereby certify that the Sewage Disposal System; by:	iewage Disposal System in accordance with the provisions of TITLE 5 and ficate of Compliance has been issued by the Board of Health. ate March 7, 2012 FEE HOD by FEE HOD by FEE HOD by OF MASSACHUSETTS MAREST, MA. OF COMPLIANCE te System Constructed (), Repaired (), Upgraded (), Abandoned () 15.00 (Title 5) and the approved design plans/as-built plans relating to
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Are and March Di Inspections Di Inspections Di Inspections Di No. 12-10 COMMONWEALTH Board of Health, And CERTIFICATE Description of Work: □ Individual Component(s) © Complete The undersigned hereby certify that the Sewage Disposal System; by: $ff(f_{CH}) = f(f_{CH}) = f(f_{CH})$ at $FART(S = F(f_{CH}) = f(f_{CH})$ has been installed in accordance with the provisions of 310 CMR application No. $f(f_{CH}) = f(f_{CH})$. Appro	iewage Disposal System in accordance with the provisions of TITLE 5 and ficate of Compliance has been issued by the Board of Health. ate March 7, 2012 FEE HOD by FEE HOD by FEE HOD by OF MASSACHUSETTS MAR. OF COMPLIANCE te System Constructed (), Repaired (), Upgraded (), Abandoned () 15.00 (Title 5) and the approved design plans/as-built plans relating to
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed A E	Eewage Disposal System in accordance with the provisions of TITLE 5 and ificate of Compliance has been issued by the Board of Health. ate Aard 7, 2012 FEE 450 tor FEE 450 tor FEE 450 tor FEE 555 Constructed (), Repaired (a), Upgraded (), Abandoned () 15.00 (Title 5) and the approved design plans/as-built plans relating to wed Design Flow 414 (gpd)
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Activity Divided Activity Divided Strain Strai	Eewage Disposal System in accordance with the provisions of TITLE 5 and ificate of Compliance has been issued by the Board of Health. ate March 7, 2012 FEE 450 by FEE 450
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Area and Description of United States and	Everage Disposal System in accordance with the provisions of TITLE 5 and ificate of Compliance has been issued by the Board of Health. ate March 7, 2012 FEE 450 by FEE 45
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed	Everage Disposal System in accordance with the provisions of TITLE 5 and ificate of Compliance has been issued by the Board of Health. ate March 7, 2012 FEE 450 by FEE 45
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Area and a Disconsection and a Certi Signed Area and a Disconsection and a Certi Signed Area and a Disconsection and a Certification and a Certification No. <u>12-10</u> No. <u>12-10</u> No. <u>12-10</u> COMMONWEALTH Board of Health, <u>And</u> CERTIFICATE Description of Work: Dindividual Component(s) Decomplet The undersigned hereby certify that the Sewage Disposal System; by: <u>IHI</u> <u>EXAMPLE</u> at <u>KAPUES EXAMPLE</u> has been installed in accordance with the provisions of 310 CMR application No. <u>12-10</u> , dated <u>212 for 1</u> . Appro Installer <u>Inspector:</u> The issuance of this permit shall not be construed as a guarantee No. <u>12-40</u>	iewage Disposal System in accordance with the provisions of TITLE 5 and ficate of Compliance has been issued by the Board of Health. ate Alarch 7, 2012 FEE 450 64 FEE 450 64 FEE 450 64 I OF MASSACHUSETTS MA. OF COMPLIANCE te System Constructed (), Repaired (a), Upgraded (), Abandoned () 15.00 (Title 5) and the approved design plans/as-built plans relating to we Design Flow 414 (gpd)
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Area and a provide the system in operation until a Certi Signed Area and a provide the system in operation until a Certi Signed Area and a provide the system in operation until a Certi Signed Area and a provide the system in operation until a Certi Inspections COMMONWEALTH Board of Health, And CERTIFICATE Description of Work: Individual Component(s) Complete The undersigned hereby certify that the Sewage Disposal System; by:	Eewage Disposal System in accordance with the provisions of TITLE 5 and ficate of Compliance has been issued by the Board of Health. ate Mark 7, 2012 FEE HO by FEE HO by FEE HO by GOF MASSACHUSETTS Constructed (), Repaired (), Upgraded (), Abandoned () 15.00 (Title 5) and the approved design plans/as-built plans relating to we Design Flow 414 (gpd) Constructed (), Repaired (), Upgraded (), Abandoned () 15.00 (Title 5) and the approved design plans/as-built plans relating to we Design Flow 414 (gpd) Constructed (), Repaired (), Upgraded (), Abandoned () Constructed (), Repaired (), Constructed
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed	Eewage Disposal System in accordance with the provisions of TTTLE 5 and ficate of Compliance has been issued by the Board of Health. ate March 7, 2012 FEE 450 tot FEE 450 tot FEE 450 tot FEE 450 tot FEE 450 tot I OF MASSACHUSETTS Constructed (), Repaired (), Upgraded (), Abandoned () 15.00 (Title 5) and the approved design plans/as-built plans relating to we Design Flow 414 (gpd) Constructed Date: 3/24201 that the system will function as designed. FEE 450 tot FEE 450 tot I OF MASSACHUSETTS HOF MASSACHUSETTS ALL MARCE
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed	iewage Disposal System in accordance with the provisions of TTTLE 5 and ficate of Compliance has been issued by the Board of Health. ate Mark 7, 2012 FEE 450 total FEE 450 total FEE 450 total FEE 450 total GOF MASSACHUSETTS Constructed (), Repaired (), Upgraded (), Abandoned () 15.00 (Title 5) and the approved design plans/as-built plans relating to we Design Flow 414 (gpd) Constructed function as designed. FEE 450 total COF MASSACHUSETTS
The undersigned agrees to install the above described Individual S further agrees to not to place the system in operation until a Certi Signed Active Active Difference of the system in operation until a Certi Signed Active Active Difference of the system in operation until a Certi Inspections Difference of the system in operation of Mork: Difference of the system is a completed of the severated of t	Eewage Disposal System in accordance with the provisions of TITLE 5 and ficate of Compliance has been issued by the Board of Health. ate March 7, 2012 HOF MASSACHUSETTS MAREST, MA. OF COMPLIANCE te System Constructed (), Repaired (2), Upgraded (), Abandoned () 15.00 (Title 5) and the approved design plans/as-built plans relating to we Design Flow 414 (gpd) MAREMENT that the system will function as designed. HOF MASSACHUSETTS MAREST, MA.

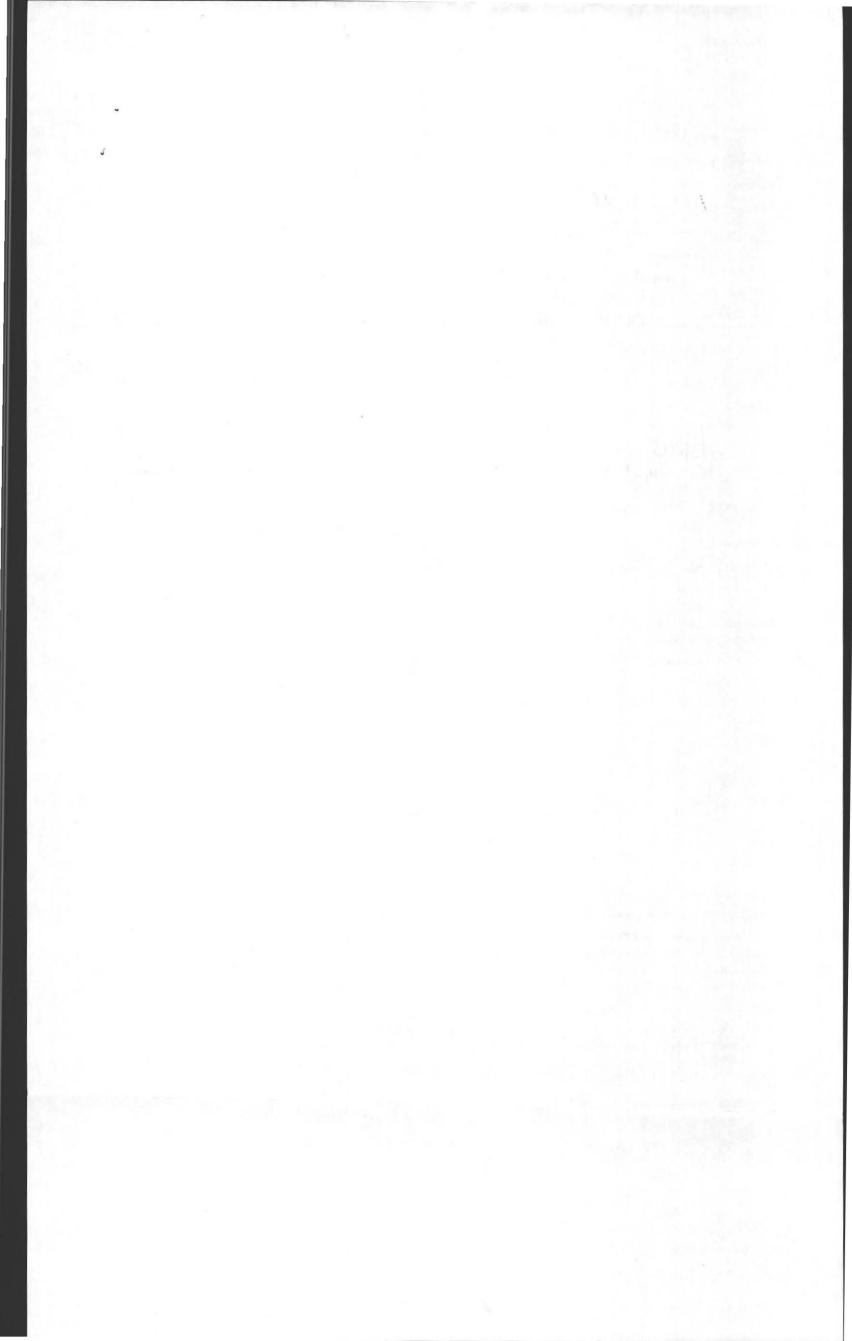
Form 12	55 Rev.	5/96	A.M.	Sulkin	Co.	Charlestown, M	A

Date 3/9/2012 Board of Health

SAN ITARIA

400

in



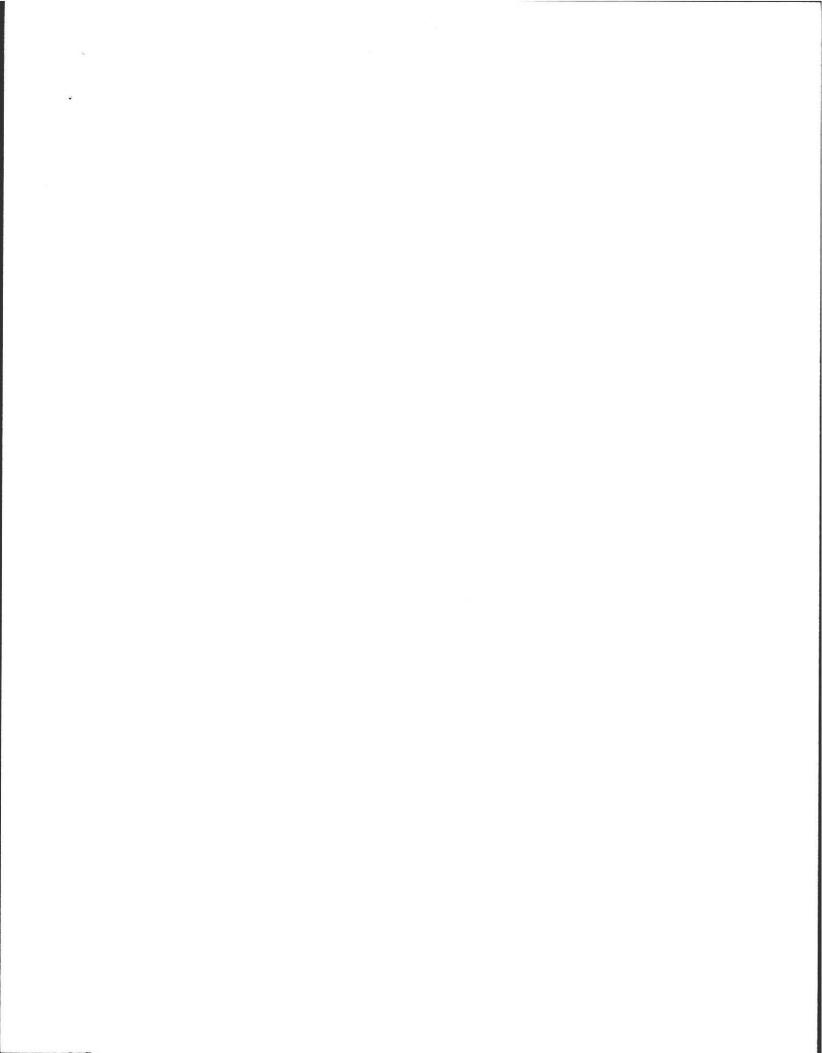
G	COLD SPRING ENVIRONMENTAL CONSULTANTS, INC.		FORM 11 - SOII	L EVALUATOR FORM Page 1 of 3
350 Old Enfie Belchertown, (413) 323-59:	A MA 01007 - Septic Designs 57 & 323-4916 (FAX) - Title 5 Inspections aeweiss@charter.net Commo	onwealth of M		Date: <u>2/24/201</u> 2
	Soil Suitability Asses		Aassachusetts <u>On-site Sewc</u>	ige Disposal
	Performed By: A. We'ss Witnessed By: E. Smith.			Date: 2/24/2012
	Location Address or Map 30B. LOT	36 Owner Addres Telept	none i Fred	Erington Red.
				413-253 - 9619
	Published Soil Survey Available: No 🗌	Yes E	~ .	
	Drainage Class Soil L Surficial Geologic Report Available: No	lication Scale imitations Yes blication Scale	Soil M	fap Unit
	Geologic Material (Map Unit) Landform Flood Insurance Rate Map:	- 1-2/	enne e	
	Above 500 year flood boundary No	1		
	Within 500 year flood boundary No			
	Within 100 year flood boundary No & Wetland Area: National Wetland Inventory Map (map u Wetlands Conservancy Program Map (m	nit)	*	
	Current Water Resource Conditions (US Range : Above Normal Normal C Other References Reviewed:			`



e

i a

DEP APPROVED FORM - 12/07/95



FORM 11 - SOIL EVALUATOR FORM Page 2 of 3

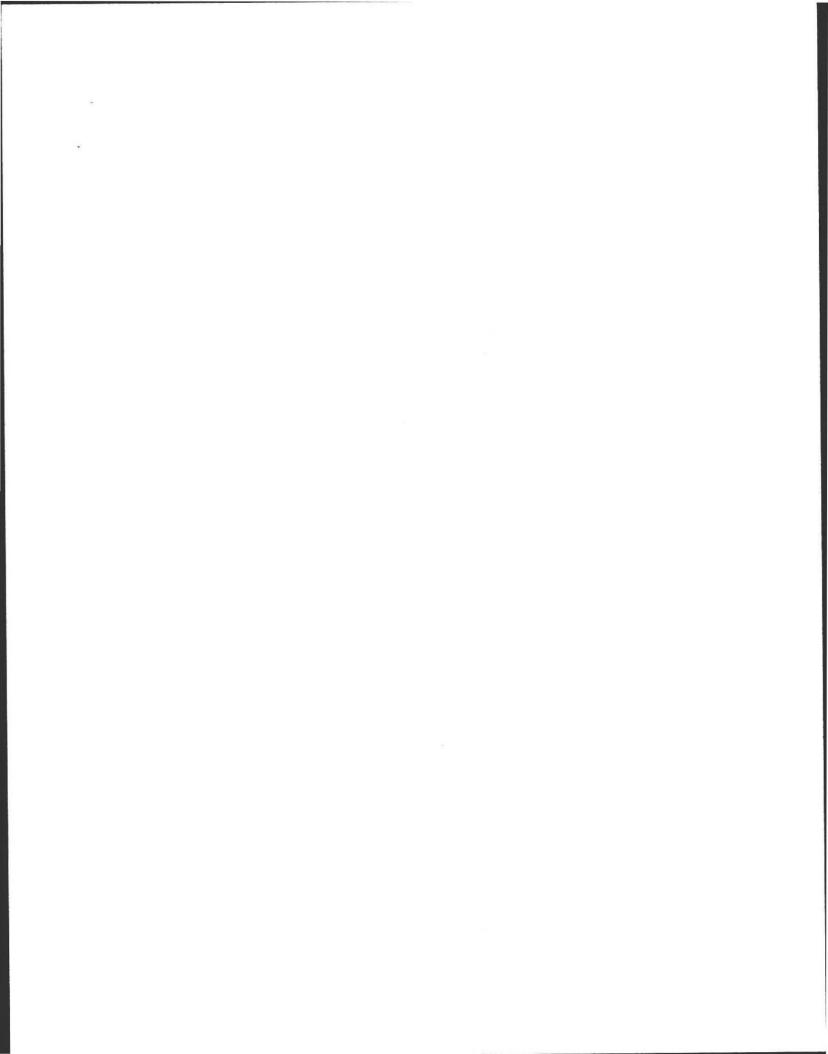
> . - 4

	Location Addre	ess or Lot No.	<u>] .</u> E	Bay RD	e					
	On-site Review									
	Deep Hole Number 1+2 Date: 2/24/242 Time: Showers Weather 40° Riv.									
	Location (identify on site plan)									
	Land Use	S. Rusal	Slope	= (%) 3%	Surface :	Stones Not				
	Land Use <u>Res</u> Rusel Slope (%) 3% Surface Stones <u>Not</u> . Vegetation <u>Wood</u> Landform <u>Terrecent</u> as noted									
	Position on land			b1	- <u>1</u>	and the second				
	Distances from:			NI · · ··	¥					
		ater Body <u> </u>		Drainag	ge way	D'F feet				
		Wet Area _	()		ty Line _50					
		Water Well. Journ Water		Other						
	/			SERVAT		IF IOG				
					101110					
	Depth from Surface (Inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munseil)	Soil Mottling	Citter (Structure, Stones, Boulders, Consistency, % Gravel)				
#1	0-8"	A	FSC	104x 3/2		-Enable				
1	8"-24"	BW	LS	KOUN 4/2	Not	-F-Smely, Loose -				
	24"-144"	C =	MS	in the	NA	-F-Smely, Loose. MS+CS				
		`		inger it	0.7	ms tes				
Ħ	0-8"	, O	F3C			- FAEbt.				
2	8-24"	H			NUT					
in	8-29	DW.	MS	+04 p5/4	dos	- okl Syster Encontrol. MS-CS. Well Surted.				
01	107	C ,	MS	11 74		ms-cs. Weil				
						Solted.				
	-									
	• MINIMUI	M OF 2 HOLES I	LEQUIRED AT EN	VERY PROPOSE	D DISPOSAL A	AREA .				
	Parent Material (geo	logic OUT	12633		_ Dept	TROBedrock: Not				
	Depth to Groundwate		1.1.		ff.	Weeping from Pit Face: Not :				
	Estimated Seasonal I	High Ground Wa	ter: 14	TE		\				
	\bigcirc					/				
	mi ui									
		DEP APPROVE	D FORM - 12/07/95			(

•

;

ţ١



Location Address or Lot No. 1111 BANY ICD

COMMONWEALTH OF MASSACHUSETTS

Angherst , Massachusetts

Date: .Z	1.24/2012 T	ime:, 1:30	
Observation Hole #	P.	/	
Depth of Perc	58 "		
Start Pre-soak	1:35		
End Pre-soak	1:38		
Time at 12"	Carco	-5	
Time at 9"	Not	and a second	
Time at 6"	HOLD	Y.	
Time (9"-6")	V SUAR		
Rate Min./Inch	(22) TH		

N[®]

Site Passed L Site Failed L _____ Performed By: A. Wiss . Witnessed By: <u>E.Smith</u> Comments: <u>S' alfset to ESHGEN</u> Comments:

Location Address or Lot No. 1111 BAY RD Amberst.

Determination for Seasonal High Water Table

Method Used:

Depth observed standing in observation hole 144 + inches
 Depth weeping from side of observation hole inches
 Depth to soil mottles 144 ' inches Not ob 5
 Depth to soil mottles 144 ' inches Not ob 5
 Ground water adjustment feet
Index Well Number Reading Date Index well level
Adjustment factor Adjusted ground water level

Depth of Naturally Occurring Pervious Material

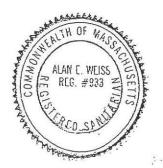
Does at least four feet of naturally occurring pervious material exist in all areas observed throughout the area proposed for the soil absorption system?

If not, what is the depth of naturally occurring pervious material?

Certification

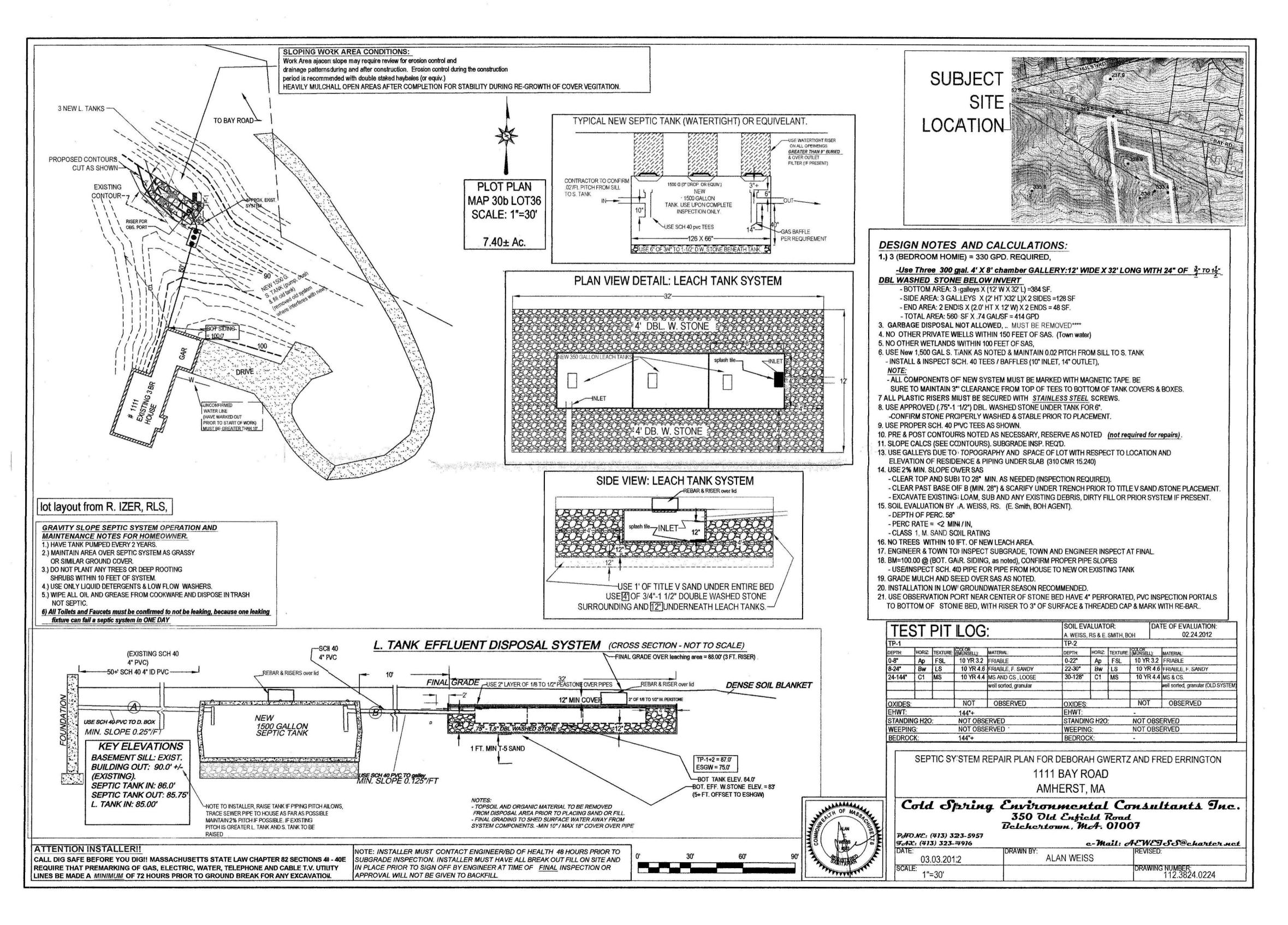
I certify that on ______ (date) I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise and experience described in 310 CMR 15.017.

= Date 2/24/2012 Signature

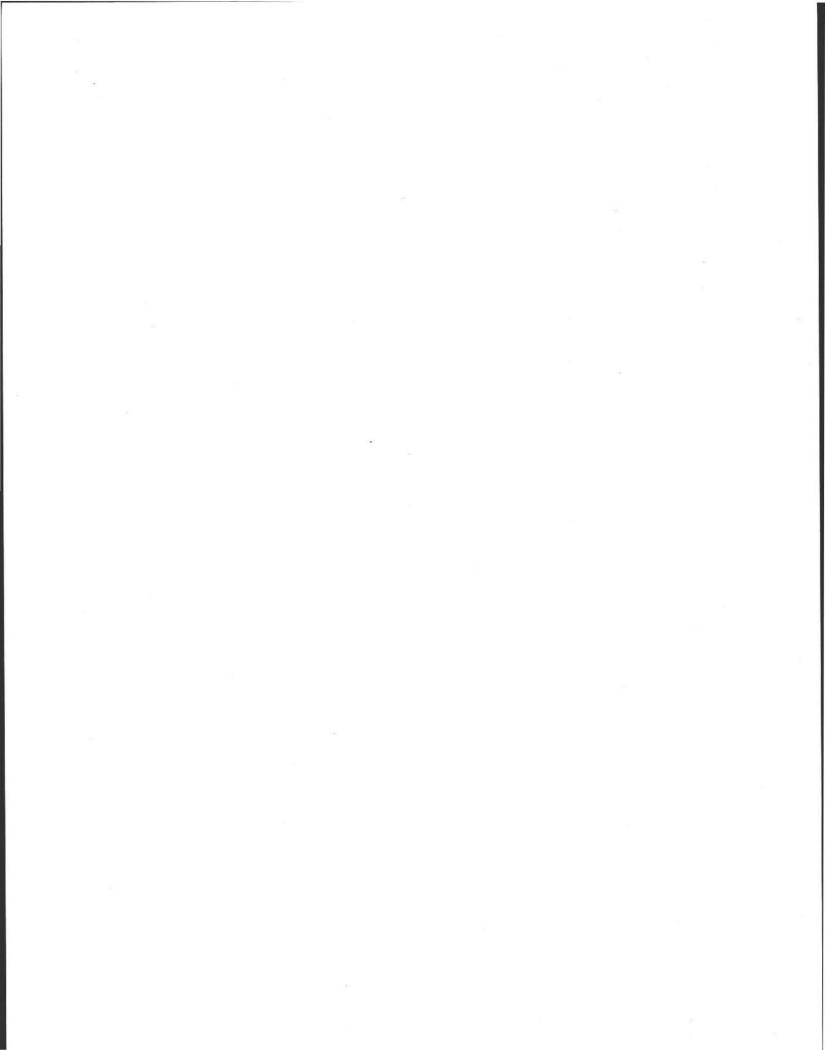




*

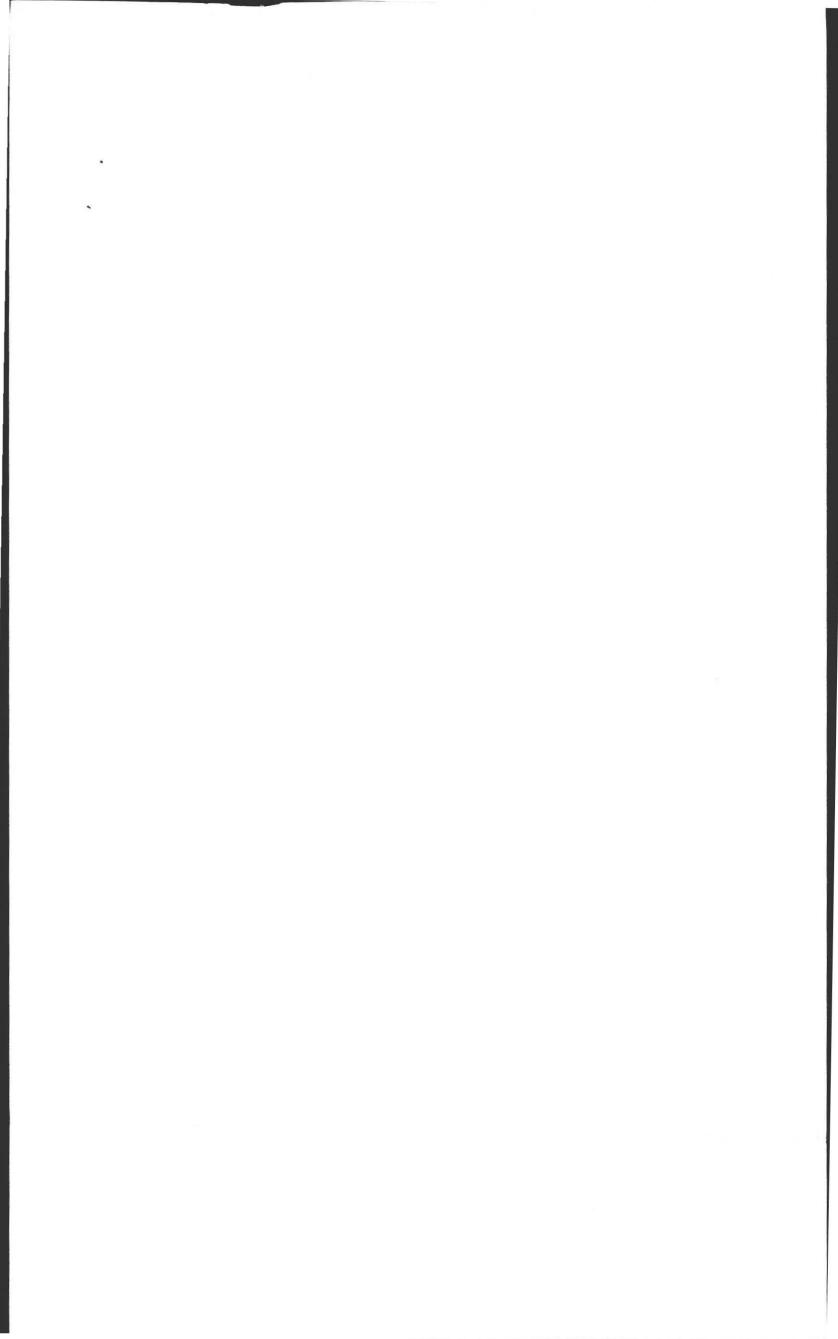


BAY KOAD - FRED ECRINGTON & DEPORAL GEWERTZ Plan: 12-10 Designed by: MAN WEISS CHECK LIST FOR SEPTIC PLAN Application page attached to plan PE or RS stamp, date, signature Variances to property line setback distances must have Surveyor Stamp 15970.(3) Legal boundaries noted WH Easements noted V Dwellings and buildings existing or proposed noted . Location of driveway or parking areas, other impervious areas Location and dimensions of reserve area (new) CMR 15.248(1), 15. 104 (4) System dèsign calculations Garbage grinder Y or N MUST BE REMOVED Benchmark not disturbed during construction, within 75 feet of facility CMR15.220 (4)(q) Y North arrow CMR 15.200 (4) (g) Contours. Deep hole location and data Perc hole location and data / Elevations Names of approving authority and soil evaluator CMR 15.211 p. 49 Location of every water supply, public and private. CMR 15.220(k): Within 400 feet of system in case of surface water and gravel packed public water supply Within 250 feet of system in case of tubular public water supply Within 150 feet of private supply wells - 100 septic sus - 5 - Fank NA Well statement if applicable-V Location of any surface waters, rivers, vegetated wetlands Location of water lines and other subsurface utilities Deserved and adjusted ground water elevation in the vicinity of system 15.220 (4)(n) Profile of system Locus plan to show location of facility, including nearest street Materials of construction and specs for system Gas Baffle 15227.4 Pipe in center line of tank 310 CMR 15.227, 15.06(8) Double washed stone Schedule 40 PVC for trafficked areas, house to tank V Distances noted from house to tank, etc. NA If dosing is proposed, design and specs of dosing system NA When alternative technology is required, complete plan and specs, including hydraulic profile MK Trenches preferred over beds CMR 15.240 (6) NA: Buoyancy calculations for tanks or components partly below H20 table 15.221(8) p. 56 13 to 1 slope outside of mound, toe ending 5 feet from property line MA Local upgrade requests on the plan MA Local upgrade forms attached to application MA Note on plan listing all variances sought in conjunction with the plan NOTE GARBAGE GRINDER; GALLEY OF 3 LEACH TANKS NOTES:



lo		FEE
	COMMONWE	ALTH OF MASSACHUSETTS
	Board of Health.	Amherst. MA.
AT		10/ Tommer 1
		OSAL SYSTEM CONSTRUCTION DEPAIT
pplication for a Pern	nit to Construct() Repair X Upgra	rade() Abandon() - Complete System 🗆 Individual Components
Location ////	Bay Rel.	Owner's Name fred Errington + Deburch Guerette
Map/Parcel#	30/3/36	Address 1111 Bay RI- Amherst. MA.
Lot#	#36	Telephone# 753-9619
Installer's Name	KAAL'S Excavation	Designer's Name Ala Weiss 18
Address	Hadbey, MA.	Address Belcherton, un
Telephone#	413-549-5396	Telephone# 413-323-5957
vpe of Building	Risideu	Lot Size 7.40 Act - sq. ft.
		ZWN, Garbage grinder
ther - Type of Buildi	ng	No. of personsShowers (), Cafeteria ()
ther Fixtures		34(
esign Flow (min. req	uired) <u>10</u> gpd Ca	alculated design flow <u>330</u> Design flow provided <u>414</u> gpd
the Sector	Subtus Reacting Die	eets Revision Date w. fur. Deburch Gwertzt Ford Errug tw
escription of Soil(s)	1	
il Evaluator Form N	Io Name of S	Soil Evaluator A. WEISS, 15 Date of Evaluation 2/14/2012 E. Smith, PoH
		E.Smith. PoH
ESCRIPTION OF RE	EPAIRS OR ALTERATIONS	0 11.
Complete	New Septic.	Syster.
-		
,		
0	COMMONIUL	FEE
		EALTH OF MASSACHUSETTS
	Board of Health,	а,, <i>МА</i> .
	Board of Health,	
771	Board of Health, CERTIFIC Individual Component(s)	,, MA. CATE OF COMPLIANCE Complete System
ne undersigned here	Board of Health, CERTIFIC Individual Component(s) OC eby certify that the Sewage Disposal S	, <u>MA</u> . CATE OF COMPLIANCE Complete System System; Constructed (), Repaired (), Upgraded (), Abandoned ()
he undersigned here	Board of Health, CERTIFIC Individual Component(s) OC eby certify that the Sewage Disposal S	,, MA. CATE OF COMPLIANCE Complete System
ne undersigned here	Board of Health, CERTIFIC Individual Component(s) C eby certify that the Sewage Disposal S	b,, MA. CATE OF COMPLIANCE Complete System System; Constructed (), Repaired (), Upgraded (), Abandoned ()
ne undersigned here : s been installed in a plication No	Board of Health, CERTIFIC Individual Component(s) IC eby certify that the Sewage Disposal S accordance with the provisions of 31 , dated	,, MA. CATE OF COMPLIANCE Complete System System; Constructed (), Repaired (), Upgraded (), Abandoned () 10 CMR 15.00 (Title 5) and the approved design plans/as-built plans relating to . Approved Design Flow(gpd)
e undersigned here	Board of Health, CERTIFIC Individual Component(s) IC eby certify that the Sewage Disposal S accordance with the provisions of 310 , dated	,, MA. CATE OF COMPLIANCE Complete System System; Constructed (), Repaired (), Upgraded (), Abandoned () 10 CMR 15.00 (Title 5) and the approved design plans/as-built plans relating to Approved Design Flow(gpd)
e undersigned here	Board of Health, CERTIFIC Individual Component(s) IC eby certify that the Sewage Disposal S accordance with the provisions of 31 , dated	A,, MA. CATE OF COMPLIANCE Complete System System; Constructed (), Repaired (), Upgraded (), Abandoned () 10 CMR 15.00 (Title 5) and the approved design plans/as-built plans relating to Approved Design Flow(gpd) or: Date:
e undersigned here	Board of Health, CERTIFIC Individual Component(s) IC eby certify that the Sewage Disposal S accordance with the provisions of 31 , dated	,, MA. CATE OF COMPLIANCE Complete System System; Constructed (), Repaired (), Upgraded (), Abandoned () 10 CMR 15.00 (Title 5) and the approved design plans/as-built plans relating to Approved Design Flow(gpd)
he undersigned here s been installed in a plication No staller esigner: he issuance of this p	Board of Health, CERTIFIC Individual Component(s) IC eby certify that the Sewage Disposal S accordance with the provisions of 31 , dated	A,, MA. CATE OF COMPLIANCE Complete System System; Constructed (), Repaired (), Upgraded (), Abandoned () 10 CMR 15.00 (Title 5) and the approved design plans/as-built plans relating to . Approved Design Flow(gpd) or: Date: arantee that the system will function as designed.
he undersigned here :	Board of Health, CERTIFIC	A,, MA. CATE OF COMPLIANCE Complete System System; Constructed (), Repaired (), Upgraded (), Abandoned () 10 CMR 15.00 (Title 5) and the approved design plans/as-built plans relating to . Approved Design Flow(gpd) or: Date: arantee that the system will function as designed. FEE
he undersigned here :	Board of Health, CERTIFIC Individual Component(s) IC eby certify that the Sewage Disposal S accordance with the provisions of 310 accordance with the provisions of 310 minimum for the construed as a guar COMMONWE	A,, MA. CATE OF COMPLIANCE Complete System System; Constructed (), Repaired (), Upgraded (), Abandoned () 10 CMR 15.00 (Title 5) and the approved design plans/as-built plans relating to Approved Design Flow(gpd) or: Date: arantee that the system will function as designed. FEE FALTH OF MASSACHUSETTS
he undersigned here :	Board of Health, CERTIFIC Individual Component(s) IC eby certify that the Sewage Disposal S accordance with the provisions of 310 accordance with the provisions of 310 market dated	A. CATE OF COMPLIANCE. Complete System System; Constructed (), Repaired (), Upgraded (), Abandoned () 10 CMR 15.00 (Title 5) and the approved design plans/as-built plans relating to Approved Design Flow(gpd) or: Date: arantee that the system will function as designed. FEE FALTH OF MASSACHUSETTS b,, MA.
he undersigned here " as been installed in a oplication No staller esigner: he issuance of this p	Board of Health, CERTIFIC Individual Component(s) IC eby certify that the Sewage Disposal S accordance with the provisions of 310 accordance with the provisions of 310 market dated	A,, MA. CATE OF COMPLIANCE Complete System System; Constructed (), Repaired (), Upgraded (), Abandoned () 10 CMR 15.00 (Title 5) and the approved design plans/as-built plans relating to Approved Design Flow(gpd) or: Date: arantee that the system will function as designed. FEE FALTH OF MASSACHUSETTS
he undersigned here " as been installed in a oplication No staller esigner: he issuance of this p b	Board of Health, CERTIFIC Individual Component(s) OC by certify that the Sewage Disposal S accordance with the provisions of 31 accordance with the provisions of 31 inspector inspector inspector cermit shall not be construed as a gua COMMONWE Board of Health, DISPOSAL SYST	A. CATE OF COMPLIANCE. Complete System System; Constructed (), Repaired (), Upgraded (), Abandoned () 10 CMR 15.00 (Title 5) and the approved design plans/as-built plans relating to Approved Design Flow(gpd) or: Date: arantee that the system will function as designed. FEE FALTH OF MASSACHUSETTS b,, MA.
he undersigned here	Board of Health, CERTIFIC Individual Component(s) C eby certify that the Sewage Disposal S accordance with the provisions of 31 accordance with the provisions of 31 market dated	A, MA. CATE OF COMPLIANCE Complete System System; Constructed (), Repaired (), Upgraded (), Abandoned ()
ermission is hereby	Board of Health, CERTIFIC Individual Component(s) C eby certify that the Sewage Disposal S accordance with the provisions of 31 , dated Inspector ermit shall not be construed as a gua COMMONWE Board of Health, DISPOSAL SYST y granted to; Construct() Repa	A, MA. CATE OF COMPLIANCE Complete System System; Constructed (), Repaired (), Upgraded (), Abandoned () 10 CMR 15.00 (Title 5) and the approved design plans/as-built plans relating to . Approved Design Flow(gpd) or: Date: arantee that the system will function as designed. FEE FEE FALTH OF MASSACHUSETTS .,, MA. TEM CONSTRUCTION PERMIT pair() Upgrade() Abandon() an individual sewage disposal system as described in the application for
ermission is hereby	Board of Health, CERTIFIC Individual Component(s) C by certify that the Sewage Disposal S accordance with the provisions of 31 accordance with the provisions of 31 mathematical constructs of the sewage Disposal S accordance with the provisions of 31 mathematical constructs of the sewage Disposal S accordance with the provisions of 31 accordance with the provisions of 31 mathematical constructs of the sewage Disposal S accordance with the provisions of 31 accordance with the provisions of 31 mathematical constructs of the sewage Disposal S accordance with the provisions of 31 accordance with the provisions of 31 acco	A. CATE OF COMPLIANCE Complete System System; Constructed (), Repaired (), Upgraded (), Abandoned () Docomposed Design Flow
he undersigned here so been installed in a oplication No esigner: he issuance of this p b ermission is hereby isposal System Con	Board of Health, CERTIFIC Individual Component(s) C by certify that the Sewage Disposal S accordance with the provisions of 31 accordance with the provisions of 31 	A. CATE OF COMPLIANCE Complete System System; Constructed (), Repaired (), Upgraded (), Abandoned () DO CMR 15.00 (Title 5) and the approved design plans/as-built plans relating to Approved Design Flow(gpd) Or: Date: arantee that the system will function as designed. FEE FEE FALTH OF MASSACHUSETTS ,, MA. TEM CONSTRUCTION PERMIT Pair() Upgrade() Abandon() an individual sewage disposal system as described in the application for, dated hree years of the date of this permit. All local conditions must be met.

V



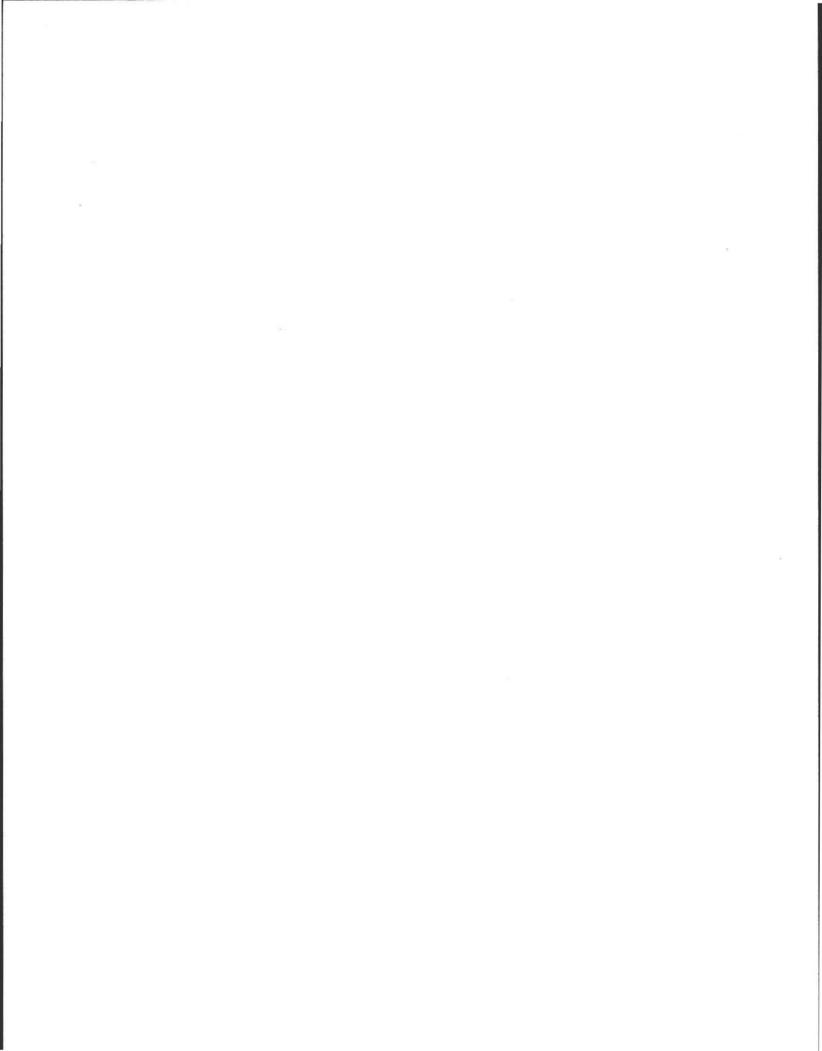
6	COLD SPRING ENVIRONMENTAL CONSULTANTS, INC.	FORM	M 11 - SOIL EVALUATOR FORM Page 1 of	
350 Old Enfie Belchertown, (413) 323-59:	MA 01007 - Septic Designs 57 & 323-4916 (FAX) - Title 5 Inspections aeweiss@charter.net Commonwealth o	, Massa	chusetts	<u>9</u> /2
	Performed By: A. We'ss Witnessed By: E. Smith.	<u>or on s</u>	Date: 2/20/2012	_
	Location Address or Map 30B. LOT 36 Location Address or Map 30B. LOT 36 New Construction Repair 2	Owner's Name, Address, and Telephone I	Roberth Gewertz Fred Erington Mi Bay Rd. Anhurzz M.	
	Office Review Published Soil Survey Available: No Yes Year Published Drainage Class Surficial Geologic Report Available: No Yes Year Published Publication Scale Publication Scale]	413-253 - 9619 Soil Map Unit	
	Geologic Material (Map Unit) Landform Flood Insurance Rate Map: Above 500 year flood boundary No Yes Within 500 year flood boundary No Yes Within 100 year flood boundary No Yes Wetland Area: National Wetland Inventory Map (map unit) Wetlands Conservancy Program Map (map unit)			
	Current Water Resource Conditions (USGS): Month Range : Above Normal Pormal Belaw Norm Other References Reviewed:	al 🗌	÷	



e

DEP APPROVED FORM - 12/07/95

~./

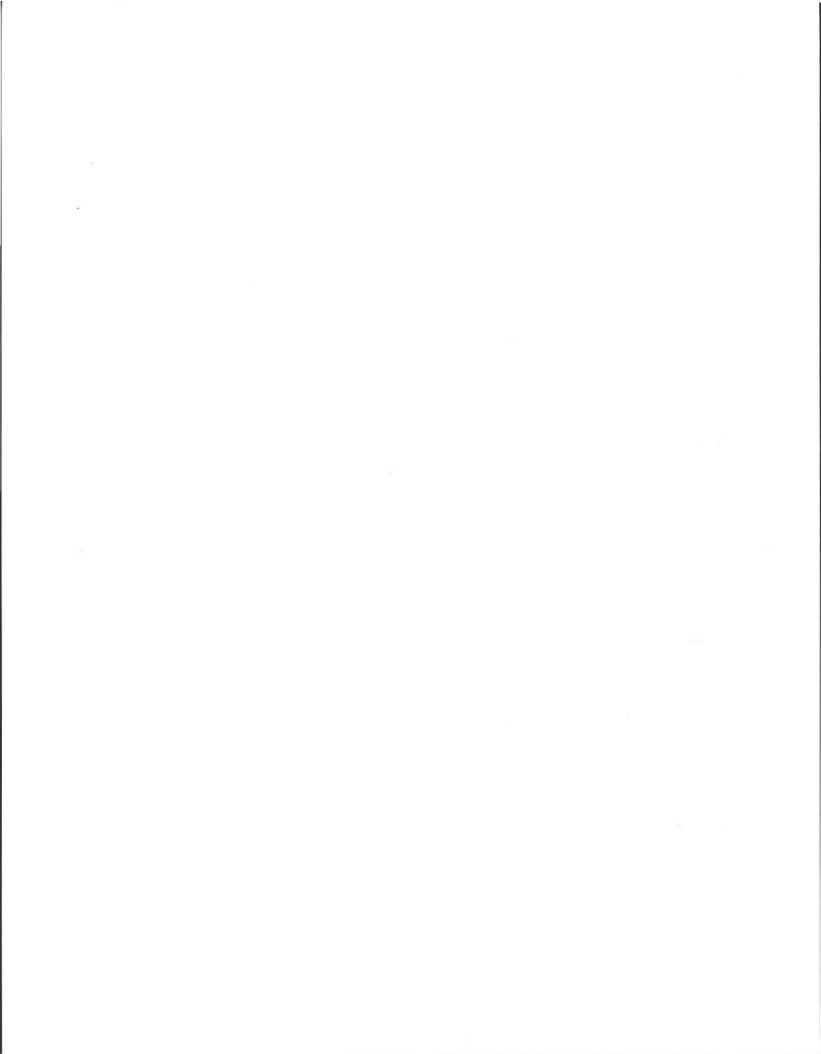


FORM 11 - SOIL EVALUATOR FORM Page 2 of 3

. -... ίv

	Location Addre	ss or Lot No.	11/1. B	ay RD						
	On-site Review									
	Deep Hole Number 1+2 Date: 2/24/202 Time: Showers Weather 40° Raw									
	Location (identi	fy on site pla	n)	- 01			<u> </u>			
	Land Use	S. Kusel	Slope	(%) 36	Surface S	Stones Not				
*	Landform Terreet as noted									
	Position on land			•]						
	Distances from:		I OIT LIC DOCK	4						
		ater Body <u>/</u>	nd 4 test	Drainar	e way Ill	+ feet				
		Wet Area _/			y Line _ 50					
		Water Well	1 .		,					
		our Water.					-			
	/		DEEP OB			F10C*				
			DEEP UB	SERVAI	ION HUI	LE LUG				
				1.			-			
÷	Depth from Surface (Inches)	Soil Horizon	Soil Texture (USDA)	Soil Color (Munsell)	Soil Mottling	Gther (Structure, Stones, Boulders, Consistency, Gravel)	%			
#1	0-8"	A	FSC	104x 3/2		-Enable				
-	\$"_74"	BN	LS	way up	.14	-CS. le la serie				
	0 6/	C		ECYPETIC	Not					
	24"-144"	i.	MS	IDUR the	215	-F-Smely, Loose. MS +CS				
				11		1-3 FCS				
s.t.	0.8"	1	F3C			- Fn264.				
H7	0 0	4	170		abit					
_	8-29	B	15		NUT					
in	8-29	Bw C, '	MC	+04 p.5/4	de la companya de la	- old Syster Encontrol MS-CS. Weil Suited.	-			
01		C / .	127			MS-CS. Weil				
			.'			Surted.				
						50 C				
						yet)				
	• MINIMU	M OF 2 HOLES F	I TEQUIRED AT EV	I VERY PROPOSE	D DISPOSAL A	AREA .				
	Parent Material (geo					The Bedrock: Not				
	Depth to Groundwate			Nut:		Weeping from Pit Face: NUT	7			
	Estimated Seasonal I		Lala	1"+ E	F.					
	CONTRACTO ORSOUND		····	<u></u>		/				
	\bigcirc					1				
						· · ·				
	DED	DEP APPROVE	D FORM - 12/07/95			(

.



Location Address or Lot No. 1111 BAry RD

COMMONWEALTH OF MASSACHUSETTS

Angheist , Massachusetts

	Percolation Test	
Date: . 7/	24/2012 Tir	me:, 1:30
Observation Hole #	P,	1
Depth of Perc	58 "	
Start Pre-soak	1:35	
End Pre-soak	1:38	
Time at 12"	1 carco	-5
Time at 9"	NOT	Contraction of the second seco
Time at 6"	HOLD V SUME	
Time (9"-6")	V SUR	
Rate Min./Inch	(22) m	V

1

* Minimum of 1 percolation test must be performed in both the primary area AND reserve area.

Site Passed	Site Failed		
Performed By:	A. Weiss .	 	1
Witnessed By:	E.Smith		
Comments:	5'	OSHGW	



Location Address or Lot No. 1111 BAY RD , Amberst.

Determination for Seasonal High Water Table

Method Used:

 Depth observed stan Depth weeping from Depth to soil mottles Ground water adjust 	side of observation hole. 144" inches Not da	44 ⁴⁴ inches inches 5	
Index Well Number	Reading Date	Index well level	
Adjustment factor	Adjusted ground water le	vel	•••

Depth of Naturally Occurring Pervious Material

Does at least four feet of naturally occurring pervious material exist in all areas observed throughout the area proposed for the soil absorption system? _____

If not, what is the depth of naturally occurring pervious material?

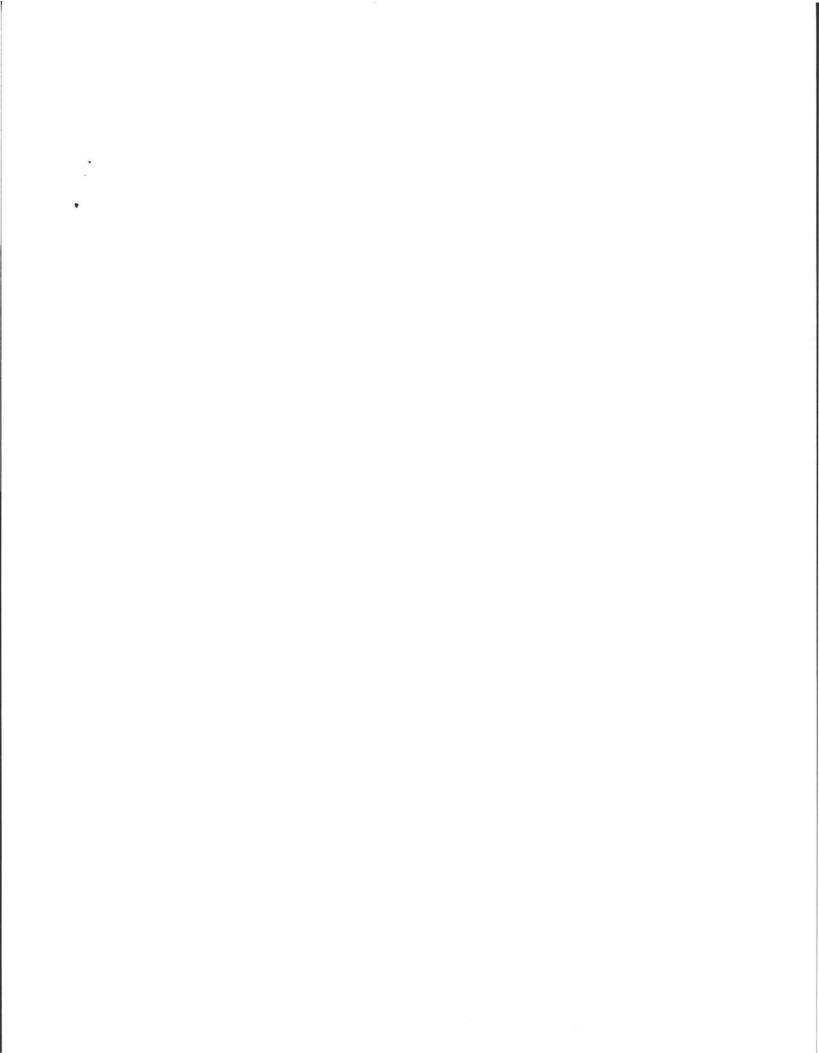
Certification

I certify that on 10/93 (date) I have passed the soil evaluator examination approved by the Department of Environmental Protection and that the above analysis was performed by me consistent with the required training, expertise and experience described in 310 CMR 15.017.

_____ Date ____ 2/24/2012 Signature







Application: 12524, 12526 Batch: 3630

February 2012

AMHERST PUBLIC HEALTH DEPARTMENT

Bangs Community Center 70 Boltwood Walk Amherst, MA 01002

DATE: February 24, 2012

INVOICE

то

Fred Errington & Deborah Gewertz 1111 Bay Road Amherst, MA 01002

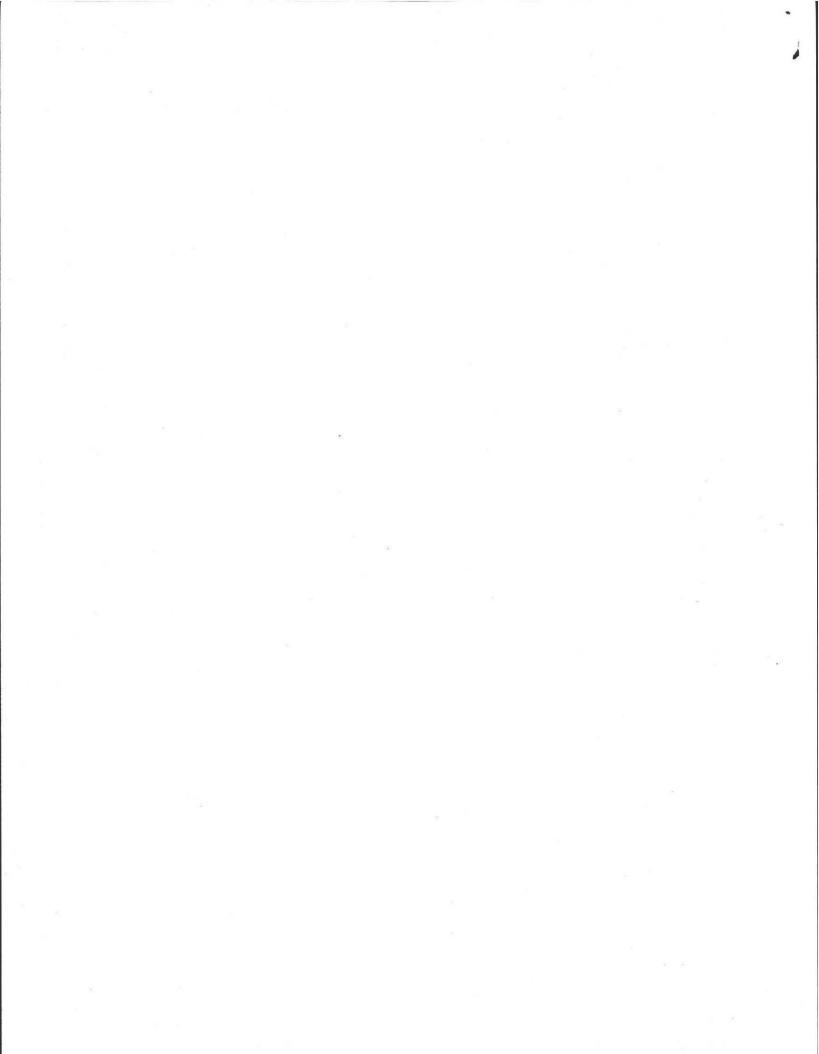
RE: Invoice for Perc Test, Soil Evaluation & Plan Review

Services provided by Edmund Smith

PAYMENT TERMS: Due Upon Receipt

QUANTITY	DESCRIPTION	U	NIT PRICE	LIN	E TOTAL
1.00	Perc Test & Soil Evaluation	\$	300.00	\$	300.00
1.00	Plan Review	\$	150.00	\$	150.00
-	Rec'd today your check #955 for \$450.00				
	this invoice is paid in full/thank you		U.		
		-	CURTOTAL		450.00
			SUBTOTAL	Colorism and the color	450.00

SALES TAX TOTAL \$



PERMITS/INSP PAYMENT RECPT#: 12072829 ***TOWN OF AMHERST*** TOWN HALL 4 BOLTWOOD AVENUE AMHERST MA 01002 DATE: 02/27/12 TIME: 09:43 CLERK: publichea DEPT: PAID BY: FREDERICK K ERRINGTO PAYMENT METH: CHECK 955 REFERENCE: 12524 AMT TENDERED: 300.00 AMT APPLIED: 300.00 CHANGE: .00 SITE ADDRESS: PERC TEST FEES: HEA011 300.00

TOTAL PAID:

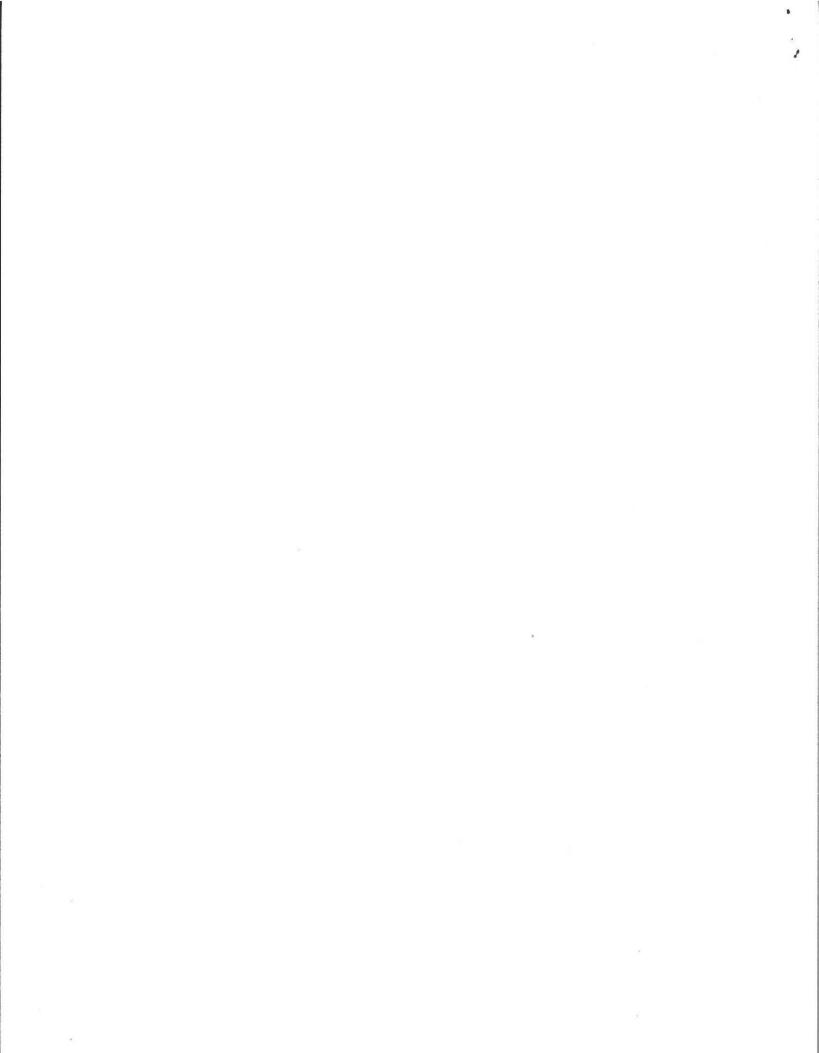
.

٠

PERMITS/INSP PAYMENT RECPT#: 12072830 ***TOWN OF AMHERST*** TOWN HALL 4 BOLTWOOD AVENUE AMHERST MA 01002 DATE: 02/27/12 TIME: 09:46 CLERK: publichea DEPT: PAID BY: FREDERICK K ERRINGTO PAYMENT METH: CHECK 955 REFERENCE: 12526 AMT TENDERED: 150.00 AMT APPLIED: 150.00 CHANGE: .00 SITE ADDRESS: SEPTIC PLAN REVIEW FEES: HEA017 150.00

TOTAL PAID:

4





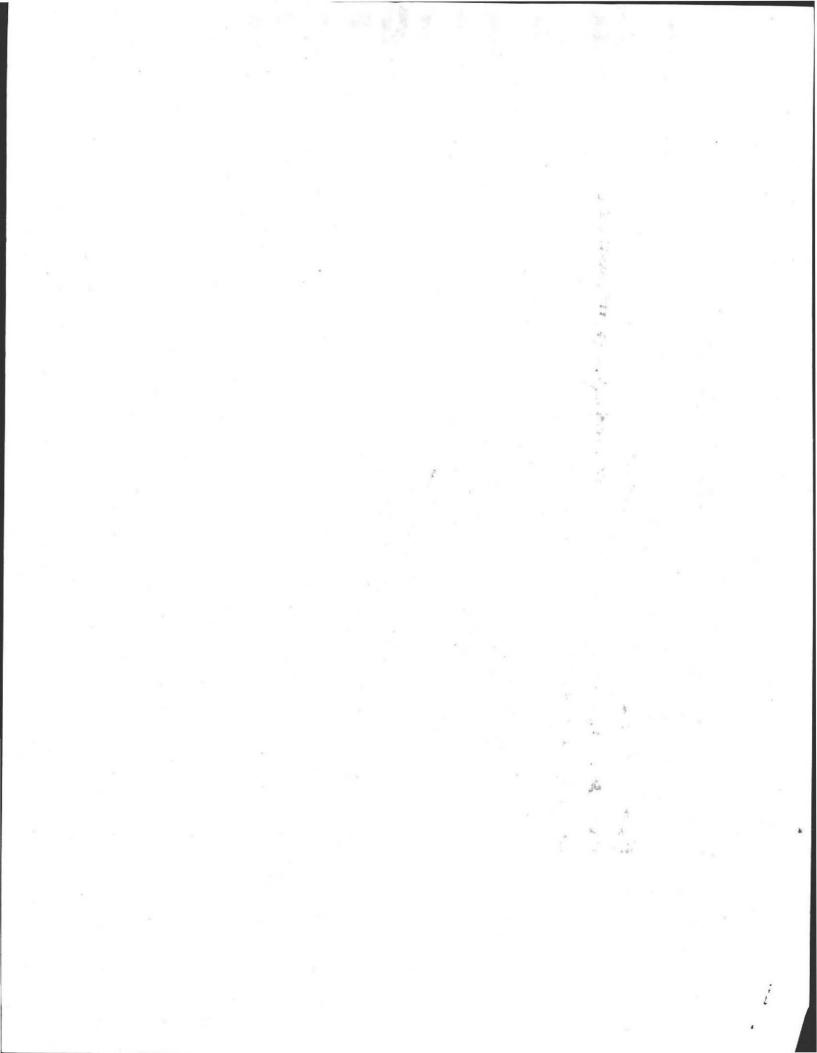
Commonwealth of Massachusetts City/Town of

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

Facility Information				
FRED ERRINGTON	253.	9619		
Dwner Name		ick erringtone	= trincolle	0.1
Street Address AMHERST MA ON UD	NEGEN	ica entrajone	Map/Lot #	
City		State	Zip Code	
Site Information			i v	
(Check one)	Upgrade	K Repair		
Published Soil Survey Available?	🗌 No	If yes: Year Published	Publication Scale	Soil Map Unit
Soil Name		Soil Limitations		•
Surficial Geological Report Available? 🗌 Yes	🗌 No	If yes: Year Published	Publication Scale	Map Unit
Geologic Material		Landform		
Flood Rate Insurance Map				
Above the 500-year flood boundary? Yes	🗌 No	Within the 100-year flood bo	oundary? 🗌 Yes	🗌 No
Within the 500-year flood boundary? 🔲 Yes	No No	Within a velocity zone?	🗌 Yes	🗌 No
Wetland Area: National Wetland Invento	ry Map	Map Unit	Name	
Wetlands Conservancy F	Program Map	Map Unit	Name	
Current Water Resource Conditions (USGS):	Month/Year	Range: 🗌 Above Norma	I 🗌 Normal 🔲 Bel	ow Normal
Other references reviewed:	¥			

Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal • Page 1 of 8

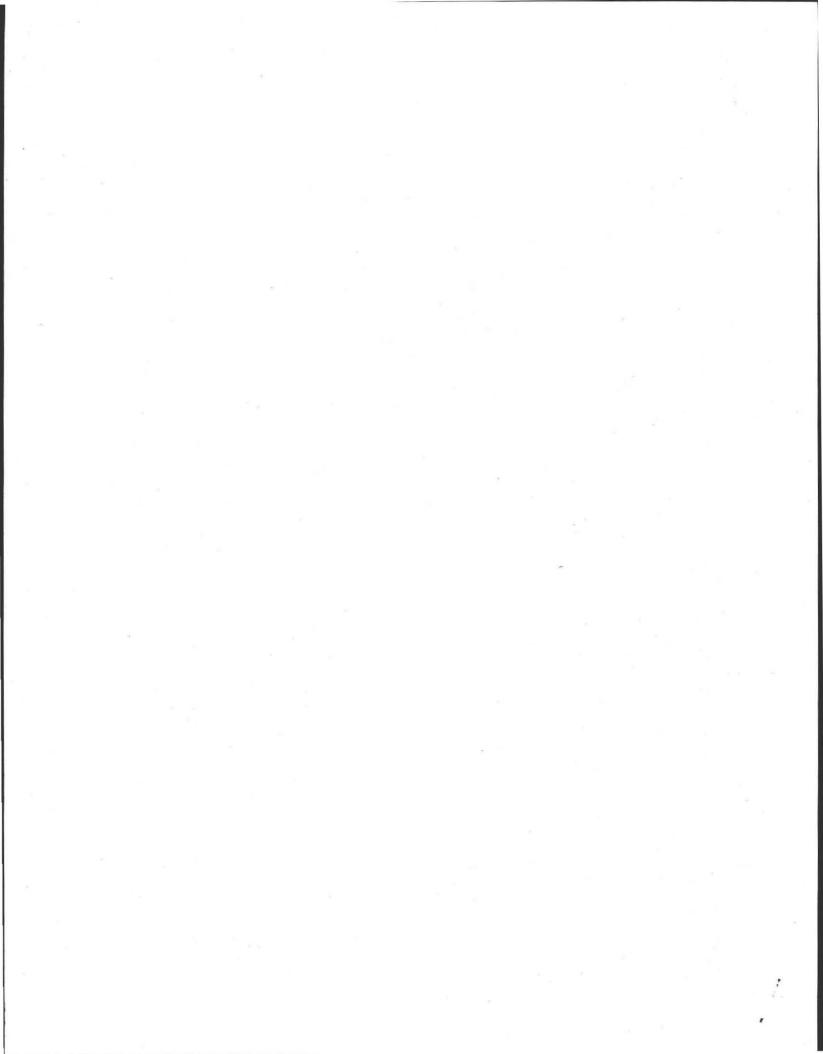
5/24/2015





Commonwealth of Massachusetts City/Town of Form 11 - Soil Suitability Assessment for On-Site Sewage Disposal

С	. On-Site Review (minimum of two holes red	quired at every propos	ed primary and	l reserved disp	oosal area)
Ř.	Deep Observation Hole Number:	2/24/2012 / Date Time	* 15	light rain Weather	forenast
1.	Location				
	Ground Elevation at Surface of Hole:	Location (identify on pla	n):		
~	Land Use (e.g., woodland, agricultural field, vacant lot, etc.		none		Variad 25%
2.	Land Use (e.g., woodland, agricultural field, vacant lot, etc.) S	Surface Stones		Slope (%)
	Vegetation group	Landform	P	osition on Landscape	(attach sheet)
3.	Distances from: Open Water Body feet	 Drainage Way 	feet	Possible Wet Are	ea feet
	Property Line feet	 Drinking Water Well 	feet	Other	feet
4.	Parent Material: Kame ester	Unsuitable M	Vaterials Present:	☐ Yes	No
	If Yes: Disturbed Soil Fill Material	Impervious Layer(s)	U Weathered	/Fractured Rock	Bedrock
5.	Groundwater Observed: Yes KNo	If yes:	Depth Weeping from I	Pit Depth S	Standing Water in Hole
	Estimated Depth to High Groundwater:	elevation			





DEP has provided this form for use by local Boards of Health if they wish to do so.

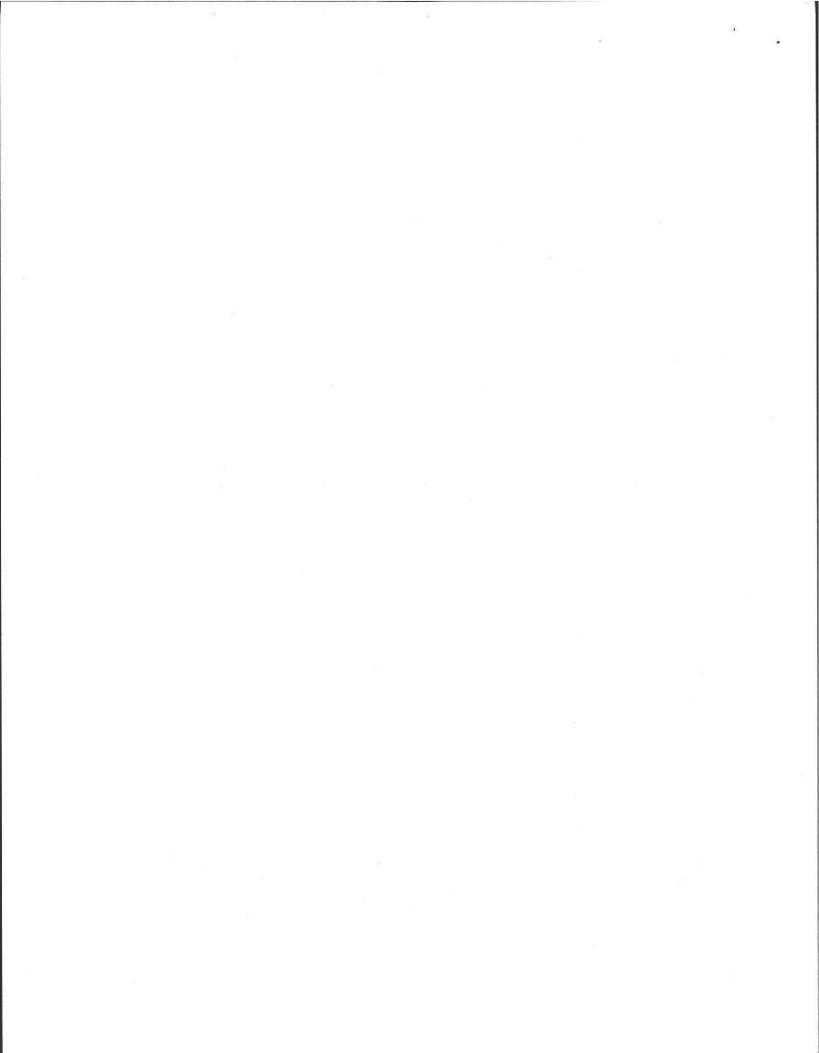
A. Applicant Information

Name				
Address				
City		State	Zip Code	
Disposal System Construction Permit #		Мар	Lot	
Installer				
Designer				
	presentative			
Board of Health Re				
Board of Health Re Inspection Date				
		Leach Area:	Date	

B. Application Checklist

1.	Pre-Construction Conference	Approved	N/A	Problem
	Sieve analysis supplied for sand			
	Current approved plans (3 copies)			
	System staked prior to construction		Y	
	On-site check for tank water-tightness	5 🛛		
	Abandonment of existing system (repairs) REMOVED 403TLY STONE CRUSSUED + BURLED	d		
	Plan revision(s)		ď	
	Conditions/Approvals		g	
	O/M Plan on file		D	
	DEP approval on file		ľ	
	SUPPLIES AREAU (CT) SUPPLIES AREAU OF LEECH MISS			
	IONVV	1	Form Name .	Page 1 of 6

ıyı





B. Application Checklist (cont.)

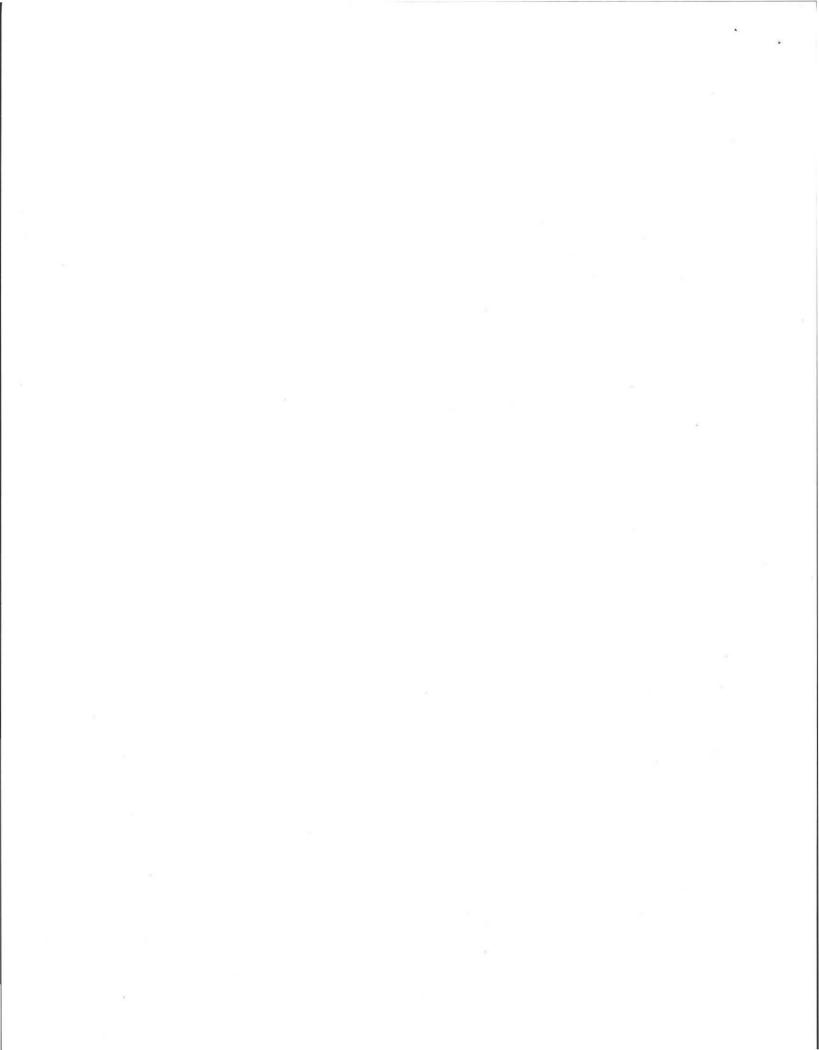
- 2. Construction Inspection
- a) Building Sewer (310 CMR 15.222)

V Basement check All waste pipes tied into building sewer N Schedule 40 PVC 4" or cast iron Verify by reading pipe П \square \square N Minimum slope of 0.01-0.02 Visual 1 \square П Pipe laid in continuous straight line Visual 4 Pipe laid on compact, firm base Visual \square Cleanouts precede all changes in \square Verify by visual/tape Π V alignment/grade P Verify by visual/tape Π Cleanout provided every 100 ft. P Backfill material clean Visual Problem N/A Approved b) Septic Tank (310 CMR 15.223) Tank is set level with 6" stone under P \square Check with level (15.228)4 \square Tank is required size/loading per plan Verify with plan Inlet and outlet are at proper location 4 \square Verify with plan (15.227) \square n/ Tank is water tight (15.226) Test Outlet tees extend 6" above flow line Verify by visual/tape \square Approved filter device placed at outlet DEP list П 2 Gas baffle installed at outlet tee Visual П 4 П Inlet and outlet tees on center line Visual Tank is backfilled with acceptable material Visual Notes:

Approved

N/A

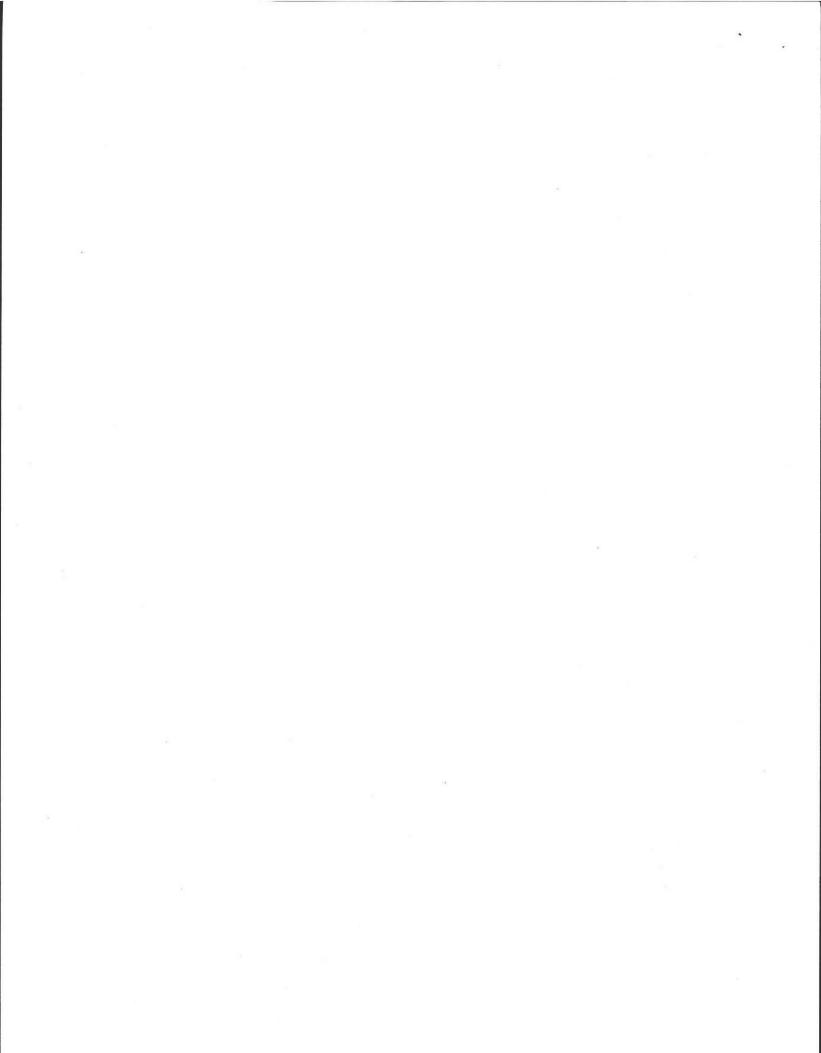
Problem





B. Application Checklist (cont.)

C)	Distribution Box (310 CMR 15.232)		Approved	N/A	Problem
	All outlet pipes at same elevation	Check by adding water		P	
	Number of outlets	Number of laterals	per plan		
	Inlet tee min. 1" over outlet	Visual and w/tape		ф	
	D box set on level base	Visual		þ	
	Top of D box 36" max depth	Visual and w/tape		þ	
	D box is water-tight	Add water			
	D box has a minimum of 2" thick wall and 12" inside dimension			\square	
d)	Pump Chamber (310 CMR 15.231)		Approved	N/A	Problem
	Tank is set level	Visual and w/level		9	
	Proper volume is provided	Check plan and tank		\Box	
	Float elevations set per plan	Measure w/tape		d ·	
	Min. 2" delivery line to D box	Visual		ц	
	Number of pumps:				
	Specified pump provided or designers approval for equal pump			4	
	Correct pump sequence			ф	
	Covers set to grade			ф	
	Electrical permit provided			ф	
	6" of stone beneath chamber	Visual		ф	
	Chamber is water-tight	Test		þ	
	Min. 9" cover provided	Visual		þ	
	Correct loading provided per plan	Visual on tank		þ	
	Notes:				





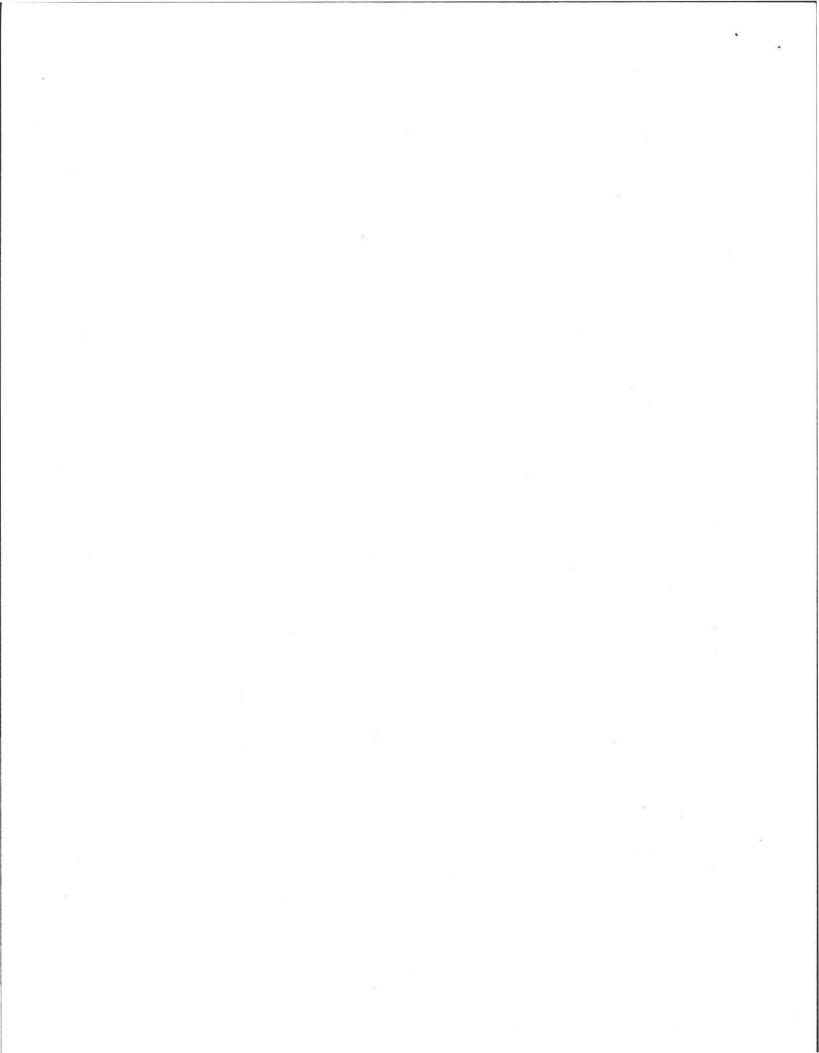
Commonwealth of Massachusetts

City/Town of

Septic System Installation Checklist

B. Application Checklist (cont.)

e)	Leaching Facility (310 CMR 15.240)		Approved	N/A	Problem
	No frozen material used including back fill	Visual			
	No clay, tailings or stones larger than 6" for cover material	r			
	Soil at bottom/sides of excavation matches info on deep holes				
	All impervious layers removed	Visual	Z		
	No remaining AB horizons	Visual	D		
	Groundwater conditions match plan and deep holes	Visual/check plan	I		
	Vented if under impervious cover per plan (15.241)			Y	
	Vent is protected from precipitation and animal entry			V	
	Cover of a minimum of 9" over leach area				
	Pipe slope equal to 0.005	Check w/transit			
	Leach area per design (15.241)		Ð		
	Excavation is level and at required depth	Visual/check plan	J		
	Removal of 5 ft material and replacement (if in fill)	Visual/check plan		Q	
	Back fill material is acceptable	Visual	I		
	Final contours correct per plan	Check with plan			
	Surface/subsurface drainage away from leach area				
	Final grade and side slopes are stable				
	Distribution lines are capped, vented, or connected together				
	Impermeable barrier (15.255[2])				
	Retaining wall inspected by PE				
	Retaining wall is water-proofed				
	Retaining wall/barrier is at correct depth/height				

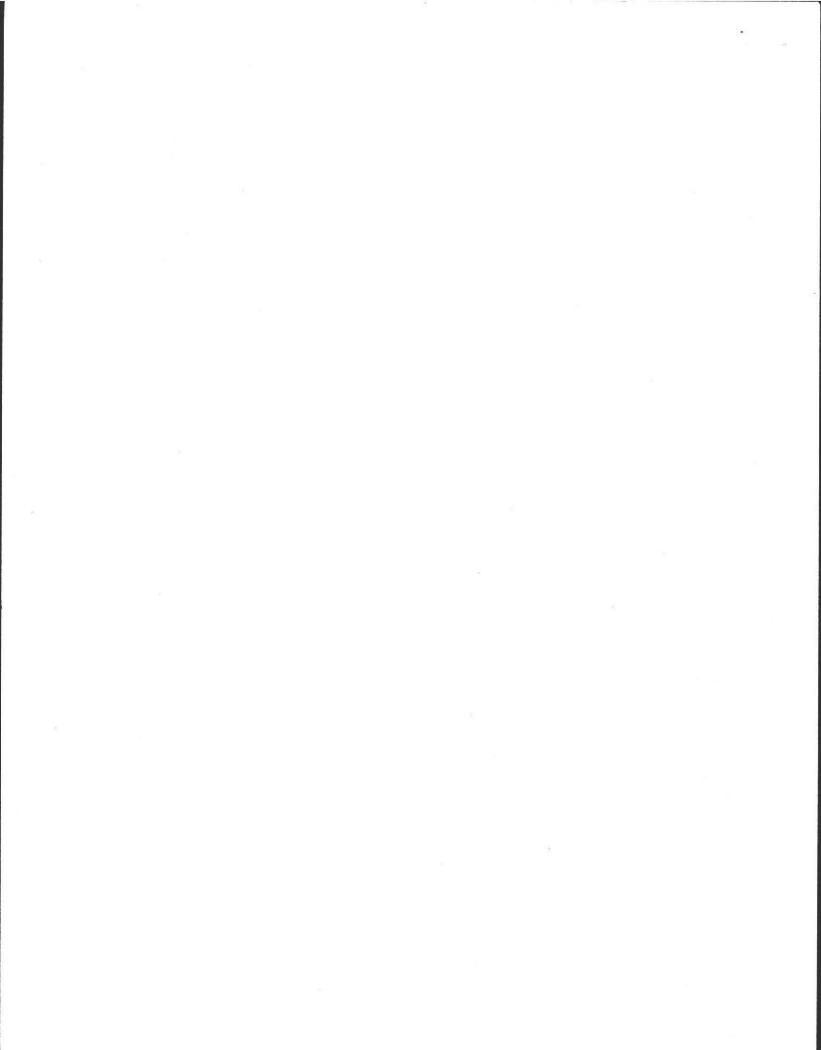




B. Application Checklist (cont.)

f)	Leaching trenches (310 CMR 15.251)		Approved	N/A	Problem
	Number of trenches:				
	Depth of trenches:				
	Width of trenches:				
	Trench spacing per plan				
	Stone is double-washed [3/4" to 11/2"] (15.2	247)			
g)	Leaching fields (310 CMR 15.242)				
	Length of field:				
	Width of field:				
	Min. of 2 distribution lines				
	Separation distance conforms to plan				
	Stone is double-washed [3/4" to 11/2"] (15.2	247)			
h)	Leaching Pits (310 CMR 15.253)				
	Number of pits:				
	Depth of pits:				
	Stone is double-washed [3/4" to 11/2"] (15.2	247)			
	Each pit has min. 1 20" access cover				
	Piping network and configuration of pits/chambers per plan				
i)	Tight Tank (310 CMR 15.260)				
	Tank is set level with 6" stone under	Visual and with level			
	Tank is proper size per plan	Visual with plan			
	Pumping contract has been provided				
	Covers to grade	Visual			
	A/V alarm set at 3/5 tank capacity	Check floats by raising			
	A/V alarm test on separate circuit	Set off alarm			

Form Name • Page 5 of 6





B. Application Checklist (cont.)

j) Certificate of Compliance (310 CMR 15.021)

As Built Plan Submitted		
As built Flan Submitted	Date	
Signed by Installer		
- 3	Date	
Signed by Designer	Date	
	Date	
Certificate of Compliance Issued	Date	

Notes:

