RANDALL WILSON/HOLCOMS FARMS



Commonwealth of Massachusetts

Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments



Property Address				
Laura Chen				
Owner's Name				
Amherst	MA	01002	06.04.2008	
City/Town	State	Zip Code	Date of Inspection	

Inspection results must be submitted on this form. Inspection forms may not be altered in any way.

Important: When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.





A.	General Information						
1.	Inspector:						
	Alan E. Weiss						
	Name of Inspector						
	Cold Spring Environmental Consultants Inc.						
	Company Name						
	350 Old Enfield Road						
	Company Address						
	Belchertown	MA	01007				
	City/Town	State	Zip Code				
	413.323.5957						

B. Certification

Telephone Number

I certify that I have personally inspected the sewage disposal system at this address and that the information reported below is true, accurate and complete as of the time of the inspection. The inspection was performed based on my training and experience in the proper function and maintenance of on site sewage disposal systems. I am a DEP approved system inspector pursuant to Section 15.340 of Title 5 (310 CMR 15.000). The system:

License Number

\boxtimes	Passes	☐ Conditionally I	Passes	☐ Fails				
	Needs Further Evaluation by the Local Approving Authority							
	M	- (06.04.2008					
Insp	ector's Signature	1	Date					

The system inspector shall submit a copy of this inspection report to the Approving Authority (Board of Health or DEP) within 30 days of completing this inspection. If the system is a shared system or has a design flow of 10,000 gpd or greater, the inspector and the system owner shall submit the report to the appropriate regional office of the DEP. The original should be sent to the system owner and copies sent to the buyer, if applicable, and the approving authority.

****This report only describes conditions at the time of inspection and under the conditions of use at that time. This inspection does not address how the system will perform in the future under the same or different conditions of use.

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Commonwealth of Massachusetts

		ım Way	·						
		Address							
	ra C er's N								
				MA	01002	06.04.2008			
1800	hers Town			State	Zip Code	Date of Inspection			
Oily.	101111			Oldio		•			
B.	Ce	rtific	ation (cont.)						
	Inspection Summary: Check A,B,C,D or E / always complete all of Section D								
A)	Sys	tem Pa	sses:						
	☑ I have not found any information which indicates that any of the failure criteria described in 310 CMR 15.303 or in 310 CMR 15.304 exist. Any failure criteria not evaluated are indicated below.								
	Cor	nments	:						
	goo	d levels	ere good at inspection, system and no indication of past high past. Garbage grinder is not re	staining or	ponding. D. bo	umped, (D. box, & S. tank had ox appeared to have been			
B)	Sys	stem Co	onditionally Passes:						
	One or more system components as described in the "Conditional Pass" section need to be replaced or repaired. The system, upon completion of the replacement or repair, as approved by the Board of Health, will pass.								
			s, no or not determined (Y, N, N, N, N, P), please explain.	ND) in the	for the follow	ving statements. If "not			
		structu Systen	ptic tank is metal and over 20 yrally unsound, exhibits substant will pass inspection if the existed by the Board of Health.	tial infiltrati	on or exfiltration	n or tank failure is imminent.			
			tal septic tank will pass inspect pliance indicating that the tank			nd, not leaking and if a Certificate is available.			
	ND	Explair	1:						
		to brok		e to a broke	n, settled or ur	r level in the distribution box due neven distribution box. System will			
			broken pipe(s) are replaced			¥			
			obstruction is removed						

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Commonwealth of Massachusetts

		um Way	У							
Laura										
Owner										
Amherst				MA	01002	06.04.2008				
City/T	owi	n		State	Zip Code	Date of Inspection				
B. (Ce	Certification (cont.)								
E	3)	Syster	n Conditionally Passes (con	nt.):						
			distribution box is leveled or	replaced						
ì	ND	Explair	1:							
[rstem required pumping more n will pass inspection if (with a			broken or obstructed pipe(s). The alth):				
			broken pipe(s) are replaced							
		П	obstruction is removed							
1	ND	Explair	n:							
-										
(C)	Furthe	er Evaluation is Required by	the Board	of Health:					
[ions exist which require furthe stem is failing to protect public			of Health in order to determine if conment.				
 System will pass unless Board of Health determines in accordance with 31 15.303(1)(b) that the system is not functioning in a manner which will protect safety and the environment: 										
			Cesspool or privy is within 5	0 feet of a s	urface water					
			Cesspool or privy is within 5	60 feet of a b	ordering vegeta	ated wetland or a salt marsh				
		deterr	stem will fail unless the Boa nines that the system is fun and environment:							
			et of a surface water supply o The system has a septic tar	r tributary to	a surface water	m (SAS) and the SAS is within er supply. within a Zone 1 of a public water				
		supply supply	The system has a septic tar	nk and SAS a	and the SAS is	within 50 feet of a private water				

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Commonwealth of Massachusetts

	Trillium Wa								
	perty Address	;							
_	ra Chen er's Name			,					
4	-			MAA	01002	06.04.2008			
Amherst City/Town				MA State	Zip Code	06.04.2008 Date of Inspection			
Oily.	10411			Otato	Lp Code	Date of mopeonor			
В.	Certific	cation (cont.)						
C)	Further E	valuation	is Required by the	Board of He	ealth (cont.):				
	☐ The system has a septic tank and SAS and the SAS is less than 100 feet but 50 feet or more from a private water supply well**.								
	Metho	od used to	determine distance:	Measured					
	** This system passes if the well water analysis, performed at a DEP certified laboratory, for coliform bacteria indicates absent and the presence of ammonia nitrogen and nitrate nitrogen is equal to or less than 5 ppm, provided that no other failure criteria are triggered. A copy of the analysis must be attached to this form.								
	3. Other:								
D)	System F	ailure Crit	eria Applicable to	All Systems	:				
	You mus	t indicate	"Yes" or "No" to e	each of the fo	llowing for <u>al</u>	inspections:			
	Yes	No							
		\boxtimes	Backup of sewage clogged SAS or co		r system comp	oonent due to overloaded or			
		\boxtimes	Discharge or pond due to an overload			e of the ground or surface waters pool			
		\boxtimes	Static liquid level i or clogged SAS or		ion box above	outlet invert due to an overloaded			
		\boxtimes	Liquid depth in ce than ½ day flow	sspool is less	than 6" below	invert or available volume is less			
		\boxtimes	Required pumping obstructed pipe(s)			st year <i>NOT</i> due to clogged or			
		\boxtimes	Any portion of the	SAS, cesspo	ol or privy is b	elow high ground water elevation.			
		\boxtimes	Any portion of cest tributary to a surfa			feet of a surface water supply or			

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Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

18	Trillium Wa	ay				
	perty Address	3				
	ıra Chen					
_	ner's Name				04000	00.04.0000
	herst /Town			MA State	01002 Zip Code	06.04.2008 Date of Inspection
City	/ I OWII			State	Zip Code	Date of hispection
B.	Certifi	cation	(cont.)			
D) System Failure Criteria Applicable to All Systems (cont.):						
-,	Yes		Thoras Applicable to 7	an Oyotomo	(00/10/1	
	res	No				
		\boxtimes	Any portion of a ces	sspool or pr	ivy is within a 2	Zone 1 of a public well.
		\boxtimes	Any portion of a ces	sspool or pr	ivy is within 50	feet of a private water supply well
Any portion of a cesspool or privy is less than 100 feet but greater than 50 from a private water supply well with no acceptable water quality analysis. system passes if the well water analysis, performed at a DEP certified laboratory, for fecal coliform bacteria indicates absent and the preservoided that no other failure criteria are triggered. A copy of the analysis and chain of custody must be attached to this form.]						otable water quality analysis. [This performed at a DEP certified cates absent and the presence is equal to or less than 5 ppm, riggered. A copy of the analysis
		\boxtimes	The system is a ces 10,000gpd.	sspool servi	ng a facility wit	h a design flow of 2000gpd-
			criteria exist as des	scribed in 31 uld contact t	0 CMR 15.303 he Board of He	e or more of the above failure b, therefore the system fails. The ealth to determine what will be
E)			To be considered a la 0,000 gpd to 15,000 gp		n the system i	nust serve a facility with a
For large systems, you must indicate either "yes" or "no" to each of the following, in addition questions in Section D.						the following, in addition to the
	Yes	No				
			the system is within	400 feet of	a surface drin	king water supply
			the system is within	200 feet of	f a tributary to a	a surface drinking water supply
			the system is locate Area – IWPA) or a	and the same of th		rea (Interim Wellhead Protection water supply well
	If you hav	re answe	ered "ves" to any questi	on in Section	n F the system	is considered a significant threat

If you have answered "yes" to any question in Section E the system is considered a significant threat, or answered "yes" in Section D above the large system has failed. The owner or operator of any large system considered a significant threat under Section E or failed under Section D shall upgrade the system in accordance with 310 CMR 15.304. The system owner should contact the appropriate regional office of the Department.

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Title 5 Official Inspection Form

Subsurface Sewage Disposal System Form - Not for Voluntary Assessments

18 Trillium V			isies in v		
Property Addre					
Laura Chen Owner's Name					
Amherst	į		MA	01002	06.04.2008
City/Town			State	Zip Code	Date of Inspection
C. Chec	klist				
Check if	f the follow	ving have been done. Y	ou must ind	dicate "yes" or '	"no" as to each of the following:
Yes	No				
\boxtimes		Pumping information	was provid	ed by the owne	er, occupant, or Board of Health
	\boxtimes	Were any of the syst	tem compor	ents pumped o	out in the previous two weeks?
\boxtimes		Has the system rece	eived norma	I flows in the pr	revious two week period?
	\boxtimes	Have large volumes this inspection?	of water be	en introduced t	o the system recently or as part of
\boxtimes		IN OCT A REPORT OF SECTION AND SECTION OF SEC		n obtained and	examined? (If they were not
\boxtimes		Was the facility or dv	welling inspe	ected for signs	of sewage back up?
\boxtimes		Was the site inspect	ed for signs	of break out?	
\boxtimes		Were all system con	nponents, ex	cluding the SA	AS, located on site?
			ndition of the	e baffles or tees	ened, and the interior of the tank s, material of construction, d depth of scum?

Was the facility owner (and occupants if different from owner) provided with

information on the proper maintenance of subsurface sewage disposal systems?

\boxtimes		Existing information.	For example, a	plan at th	ne Board of Health
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Determined in the field (if any of the failure criteria related to Part C is at issue approximation of distance is unacceptable) [310 CMR 15.302(5)]

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Commonwealth of Massachusetts

	Trillium Way							
	perty Address							
-	ura Chen ner's Name							
	herst	MA	01002	06.04.2008	ł			
_	/Town	State	Zip Code	Date of Inspe				
_								
D.	System Information							
	Residential Flow Conditions:							
	Number of bedrooms (design):	3	Number of bed	rooms (actual)	:	3 (re	port	ed)
	DESIGN flow based on 310 CMR	15.203 (for example	e: 110 gpd x #	of bedrooms):		330		
	Number of current residents:					1		
	Does residence have a garbage g	rinder?			\boxtimes	Yes		No
	Is laundry on a separate sewage s	system? [if yes sepa	arate inspectio	n required]		Yes	\boxtimes	No
	Laundry system inspected?					Yes	\boxtimes	No
	Seasonal use?					Yes	\boxtimes	No
	Water meter readings, if available	(last 2 years usage	(gpd)):		N/A	Α		
	Sump pump?					Yes	\boxtimes	No
	Last date of occupancy:				Cu	rrent e		
	Commercial/Industrial Flow Cor	nditions:						
	Type of Establishment:		N/A					
	Design flow (based on 310 CMR	15.203):	N/A Gatlons	per day (gpd)				
	Basis of design flow (seats/persor	ns/sq.ft., etc.):	N/A					
	Grease trap present?					Yes	\boxtimes	No
	Industrial waste holding tank pres	ent?				Yes		No
	Non-sanitary waste discharged to	the Title 5 system?				Yes	\boxtimes	No
	Water meter readings, if available	Ę.	N/A					
	Last date of occupancy/use:		N/A Date					
	Other (describe):	A						

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Commonwealth of Massachusetts

Trillium War	У			
ura Chen				
vner's Name				31
nherst		MA	01002	06.04.2008
y/Town		State	Zip Code	Date of Inspection
. System	Information (cont.)			
	Gen	eral Infor	mation	
Pumping l	Records:			
Source of i	information:	Owne	er: (2 yrs)	
Was syste	m pumped as part of the inspect	tion?		
If yes, volu	me pumped:	1500 gallon		
How was o	quantity pumped determined?	pump	per	
Reason for	r pumping:	T-5		
Type of S	ystem:			
\boxtimes	Septic tank, distribution bo	x, soil abs	orption system	n
	Single cesspool			
	Overflow cesspool			
	Privy			
	Shared system (yes or no)	(if yes, at	tach previous i	inspection records, if any)
	Innovative/Alternative tech maintenance contract (to be			
	Tight tank. Attach a copy of	of the DEP	approval.	
	Other (describe):			
Approxima 23+ Years	te age of all components, date in	nstalled (if	known) and so	ource of information:
20 10010	(n			
Were sewa	age odors detected when arriving	g at the sit	e?	☐ Yes ⊠ No

		E	
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Commonwealth of Massachusetts

18	Trillium Way					
	perty Address					
	ira Chen					
Transition in	ner's Name		***	04000	00.04.00	200
	herst Town		MA State	01002 Zip Code	06.04.20 Date of Ins	
Only,	10411		Otato	Lip codo	Date of the	Special in
D.	System Infor	mation (cont.)	-		
	Building Sewer (lo	ocate on site plan):				
	Depth below grade	:			1.5' feet	
	Material of constru	ction:				
	ast iron	⋈ 40 PVC	other (e	explain):		
	Distance from priva	ate water supply w	ell or suction line	9:	10' feet	
	Comments (on con	dition of joints, ver	nting, evidence o	of leakage,	etc.):	
	Septic Tank (locat Depth below grade				1.5'	
	Material of constru	ction:			: ************************************	
	□ concrete	☐ metal	fiberglas	ss 🗌	polyethylene	other (explain)
	If tank is metal, list	age:			years	
	Is age confirmed b	y a Certificate of C	ompliance? (atta	ach a copy	•	⊠ Yes □ No
					10 5'X5 5'X4	5'
	Dimensions:				10.070.074.	
	Sludge depth:				2"	
	Distance from top of	of sludge to bottom	of outlet tee or	baffle		
	Scum thickness					
	Distance from top of	of scum to top of o	utlet tee or baffle	9		
	Distance from botto	om of scum to bott	om of outlet tee	or baffle		
	How were dimension	ons determined?			Measured	



Commonwealth of Massachusetts

Trillium vvay				B	
operty Address oura Chen					
ner's Name					
nherst		MA	01002	06.04.20	08
y/Town		State	Zip Code	Date of Ins	pection
Comments (on pumpliquid levels as related Tank levels good. Si was pumped after in	ping recommenda ed to outlet invert, tructural integrity	ations, inlet and , evidence of lea	kage, etc.):		
Grease Trap (locate	e on site plan):				
Depth below grade:				N/A	
				feet	
Material of construct	tion:				
☐ concrete	☐ metal	☐ fibergla	ss 🔲 į	polyethylene	other (explain)
Dimensions:				N/A	
Scum thickness				N/A	
Distance from top of	f scum to top of or	utlet tee or baffle	•	N/A	
Distance from botton				N/A	
Date of last pumping	a :			N/A	
CONT.	ping recommenda			Date baffle condition	n, structural integrity,
N/A	KIRIT OF BANKS OF FUR	e e e e e e e e e e e e e e e e e e e			-and and the second
Tight or Holding Ta	ank (tank must he	a numned at time	of inspection	n) (locate on s	ite nlan):
Depth below grade:		o pamped at am	or mopeodo	N/A	
Material of construc	tion:				
☐ concrete N/A	metal metal	☐ fibergla	ss 🔲	polyethylene	other (explain)

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Commonwealth of Massachusetts

8 Trillium Way					
roperty Address					
aura Chen					
wner's Name		04000	00.04.000		
mherst	MA	01002 Zip Code	06.04.200 Date of Insp		
ity/Town	State	Zip Code	Date of Insp	ection	
D. System Information (cont.)					
Tight or Holding Tank (cont.)					
Dimensions:		N/A			
Capacity:		N/A			
Supusity.		gallons			
Design Flow:		N/A gallons per day			
Alarm present:		☐ Yes ☐] No		
Alarm level: N/A		Alarm in workin	g order:] Yes	☐ No
Date of last pumping:		N/A Date			
Comments (condition of alarm and float s	ewitches et	c).			
	SWILCHIES, CL	C. J.			
N/A					
* Attach copy of current pumping contract Distribution Box (if present must be open] Yes	□ No
the state of the s			good. 36". dov	wn.	
Depth of liquid level above outlet invert		@ IIIV. level	g000. 30 . d0v	VII	
Comments (note if box is level and distril evidence of leakage into or out of box, et	bution to ou tc.):	tlets equal, any	evidence of s	olids can	ryover, any
fair-Good condition.					
Pump Chamber (locate on site plan):					
Pumps in working order:			☐ Yes	□ N	0
Alarms in working order:			☐ Yes	□N	0

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Commonwealth of Massachusetts

ra Chen er's Name					All
herst		MA	01002	06.04.200	
Town		State	Zip Code	Date of Inspe	ection
Systen	n Information (cont.)				
Comment	s (note condition of pump cham	ber, condition	on of pumps ar	nd appurtenan	ces, etc.):
Soil Abso	orption System (SAS) (locate o	on site plan.	excavation not	required):	
	t located, explain why:	n one plan,	0,100,100,1110,		
	ted out of D. box (size: 18' l x 3	9' w+/-)			
Туре:					
	leaching pits		number:		***************************************
	leaching chambers		number:		
	leaching galleries		number:		
	leaching trenches		number,	length:	
\boxtimes	leaching fields		number,	dimensions:	18' x 39' +/-
П	overflow cesspool		number:		
لسا	innovative/alternative syst	em			
	Type/name of technology:				
	Type/name of technology:				
Comment	Type/name of technology:		failure, level of	ponding, dam	p soil, condition
Comment	s (note condition of soil, signs o		failure, level of	ponding, dam	p soil, condition

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Commonwealth of Massachusetts

perty Address			
erty Audress			
ra Chen			
er's Name			
herst	MA	01002	06.04.2008
Town	State	Zip Code	Date of Inspection
System Information (cont.)	İ		
Cesspools (cesspool must be pumpe	d as part of ins	spection) (locat	e on site plan):
Number and configuration			
Depth – top of liquid to inlet invert			
Depth of solids layer			
Depth of scum layer			
Dimensions of cesspool			
Materials of construction			
Indication of groundwater inflow			☐ Yes ☐ No
Comments (note condition of soil, sign etc.):	ns of hydraulic	failure, level of	ponding, condition of vegetation
Privy (locate on site plan):			
Privy (locate on site plan): Materials of construction:	N/A		;
	N/A N/A		÷
Materials of construction:	~ 111315		;
Materials of construction: Dimensions	N/A		

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City/Town	State	Zip Code	Date of Inspection	
Amherst	MA	01002	06.04.2008	
Owner's Name				
Laura Chen				
Property Address				
18 Trillium Way				

D. System Information (cont.)

Sketch Of Sewage Disposal System: Provide a sketch of the sewage disposal system including ties to at least two permanent reference landmarks or benchmarks. Locate all wells within 100 feet. Locate where public water supply enters the building.

W.		
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Commonwealth of Massachusetts

18 Trillium V					
Property Addre Laura Chen					
Owner's Name					
Amherst		MA	01002	06.04.2008	
City/Town		State	Zip Code	Date of Inspection	
D. Syste	em Information (cont.)				
Site Exa	am:				
□ Che	eck Slope				
⊠ Surf	face water				
□ Che	eck cellar				
Sha	allow wells				
Estimate	ed depth to ground water:		6.'+ (feet	records)	
Please i	indicate all methods used to det	termine the hi	gh ground wate	er elevation:	
	Obtained from system desi	gn plans on re	ecord		
	If checked, date of design p	olan reviewed	n/A Date		
	Observed site (abutting pro	perty/observa	ation hole within	150 feet of SAS)	
	Checked with local Board of	of Health - exp	olain:		
	Checked with local excavat	tors, installers	- (attach docu	mentation)	
	Accessed USGS database	- explain:			
	ust describe how you establishe valuation with work adjacent in r	100/s	ound water elev	ration:	
10.001					
					

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CHECK OR FILL IN WHERE APPLICABLE

THE COMMONWEALTH OF MASSACHUSETTS

BOARD OF HEALTH

Town or Amherst

MAY-30-08 01:51

	1	χV	68B
Application is hereby made for a Permit to Construct (X) or Repair () an Individ	dual &		Disposal
dem at: Krillium		*	*
18 Amherst Woods Lot 69			THE PARTY OF
Frist Sue Nielsen 14 Heritage Way S. Karls Etcarafins River De. Made	Die.		254
Tarish Kivee De. Made	4		
pe of Building Size Lot.	349	- 12	Se feet
Dwelling — No. of Bedrooms			nder ()()
Other fixtures			**********
s gn Flow. 5.5 gallons per person per day. Total daily flow. 4.25			gullons
plic Tank — Liquid capacity 1500 gallons Length 12.5. Width 5. Diameter	T STAG	Į.	an fr
epage Pit No Diameter Depth below inlet Total leaching	g area.		sq. ft.
her Distribution box (X) Yes Dosing tank () replation Test Results Performed by Fred Filios Date		S. 1:	41
Test Pit No. 1	nd water		4
Test Pit No. 2 minutes per inch Depth of Test Pit Depth to ground			
scription of Soil Attached			
		*******	Anasa Paga naga naga na na
ture of Repairs or Alterations — Answer when applicable			
geement:			41 11 1
The undersigned agrees to install the aforedescribed Individual Sewage Disposal Syst provisions of TITLE 5 of the State Sanitary Code — The undersigned further agrees not			
eration until a Certificate of Compliance has been issued by the board of health.	to piac	E THE	aystem m
assert lafthin	A	12	3.1985
plication Approved By	10	127	1/25
philication Disapproved for the following reasons:		D	ite
Particular Disapproved for the joint wind 1 sections.	. 4		
Permit No. 85-43 Issued 16/	12/	D	like .
Permit No	-J./.g.		
			\$
THE COMMONWEALTH OF MASSACHUSETTS			(* (*
BOARD OF HEALTH		•	:
OF			
Certificate of Compliance	·:. }		
THIS IS TO CERTIFY, That the Individual Sewage Disposal System constructed () or	Reps	ired ()
Installer	*********		
Installer			
Installer been installed in accordance with the provisions of TITLE 5 of The State Sanitary Co	*********	******	das et súseros únes se

		*,
		*

BOARD OF HEALTH

TOWN OF AMHERST, MASSACHUSETTS

Lot 69 TRILLIUM WAY.

Information Regarding Your Private Sewage Disposal System

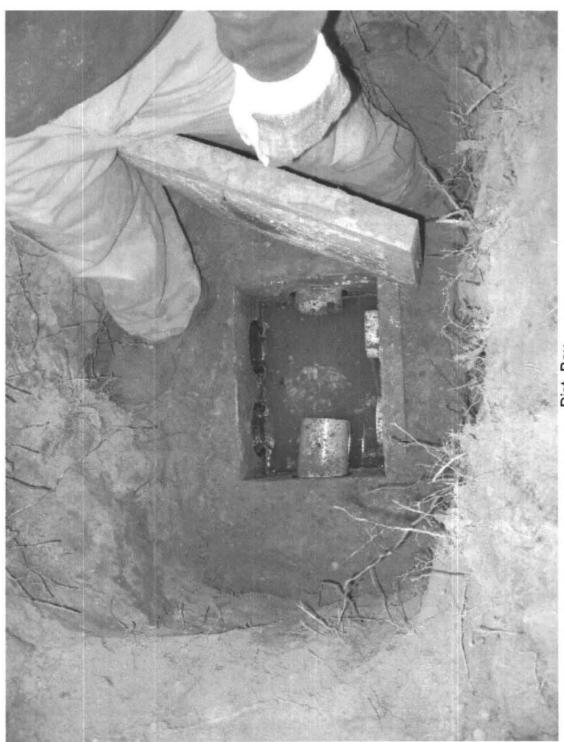
THE THE DOCUMENT IN A PROMINENT PLACE

Me All Park	DISCLASS SALES	
Mer	MARKOWSKI Address No PLAW RD SUNDERLANDER RAPES Exc. Address RIVER DR HARLY	·)
installer	LARIS Exc. Address RUER DR HARRY	• •
Data Inst	allation Inspected and Approved 12.20-85	
	Took Canacity: 1500	
Leach F	(ild) Bed (:x) Seepage Pit () Square Feet: 120.	
Sarbagi	winder Yes (X) No () No. Bedrooms: No. People	
	HOUSE FEW!	
AS •	BULT PLAN:	
	30	
	The state of the s	
		٠
	18'	
	ų°	
	ROAD	

ER TRINTENANCE OF YOUR PRIVATE SEWAGE DISPOSAL SYSTEM

- This Tystem must be inspected periodically and the tank pumped out at forces not to exceed _____ years.
- protection sanitary pumpers are licensed by the Amherst Board
- the pumping is crucial to avoid early failure and costly repairs of .
- DO NOT dispose into the system such items as rags, string, sanitary ins, coffee grounds as they can cause it to clog and fall.
 - information can be obtained by contacting your Health

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Dist. Box 18 Trillium Way , Amherst, MA 06.04.2008



Septic Tank 18 Trillium Way , Amherst, MA 06.04.2008

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