REPLACEMENT SYSTEM VARIANCE REQUEST

THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST.

This forumnust be attached to an application (HHE-200) for any replacement system which requires a variance to the Rules. The LPI shall review the Replacement System Variance Request and HHE-200 and may approve the Request if all of the following requirements are men.

1. The proposed design meets the definition of a Replacement System as defined in the Rules (Sec. 1906.0)

- 2. The replacement system is determined by the Site Cyaluntor to be the most practical method to treat and dispose of the wastewater
- 3. The BOO5 plus S.S. content of the wastewater is no greater than that of normal domestic effluent.

GENERAL INFORMATION	Town of_	Portland	Peales Island
Permit No.	Date Pent	nit Issued	
Permit No. Property Owner: Phillip Larou Applicant: Sam & Patricia Wainright (N/F Larou)			Tel. No.: 860 - 876 - 2073
System's Location: 45 Winding Way			
Property Owner's Address: 34 West Main Street		·	contracted integration were not the party of the second contraction of the contract of the con
(if different from above) Chester, CT 06412-1345			
		·	
SPECIFIC INSTRUCTIONS TO THE: EOCAL PLUMBING INSPECTOR (LPI):			
if any of the yarances exceed your approval authority and/or do not meet all of the	ne requirer	nenta llated	under the Limitations Section above, then
you are to send this Replacement System Variance Request, along with the App	lication, to	the Departr	ment for review and approval
consideration before Issuing a Permit. (See reverse side for Comments Section	and your s	ignature.)	5 000 D 00 00 00 00 00 00 00 00 00 00 00
SITE EVALUATOR:			
If after completing the Application, you find that a vanuace for the proposed repla	icement sy	elem is noe	dad, complete the Réplacement Vanance
Request with your signature on reverse sitle of form.			
PROPERTY OWNER: If has been determined by the Site Evaluator that a variance to the Rules is requ	ired for the	proposed r	polacomout evalue. This unitario
request is due to physical limitations of the site and/or soil conditions. The Site	Evaluator h	as consider	ed the site/soil restrictions and has
concluded that a replacement system in total compliance with the Rules is not p	ossible.		
PROPERTY OWNER			
I understand that the proposed system requires a variance to the Rules. Should	the propos	sed system i	mulfunction. I release all concerned
provided they have performed their duties in a reasonable and proper manner.	and I will r	trainingly no	tife the Local Plumbing Incorregge and
make any corrections required by the Rules. By signing the variance request for	mu Lackn	nivledor or	anissian for representatives of the
Department to enter onto the property of perforavouel Rivies at may be necessi	ary to, evalu	uate the yar	ignce remest.
- Alta - Control			DATE DATE
SION TURE OF CHANIE		-	11911
PMINA Laron			177(1),
LOCAL PLUMBING INSPECTOR	e-28		
1. The the River . the understanced have visited	The above	thronyety or	id have determined to the best of my
Knowledge that it cannot be installed in compliance with the Rules. As a result	of no wo	invactly D	Innlanning Marianan Dan and Maria
Application, and the on-suc-investigation. I (Mapprove, dispurpose) the world	Otton manus	Wil bonait our	the state of the s
Note: If the LPI does not give his approval, he shall list his reasons for denial	іп Соліте	uts Section	below and return to the applicant
Conunents:		,	REUL
			This is the set of the product of the product of the set of the se
- African Afri			Malana I seria
			-02/09/2001
LPI SIGNATURE		~~~	DATE
			DCD HHE-204 Rev 08/05
			Doby of holyane-you kee 08/07

REPLACEMENT SYSTEM VARIANCE REQUEST

THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST

This form must be attached to an application (HHE-200) for any replacement system which requires a variance to the Rules. The LPI shall review the Replacement System Variance Request and HHE-200 and may approve the Request if all of the following requirements are met.

1. The proposed design meets the definition of a Replacement System as defined in the Rules (Sec. 1906.9)

2. The replacement system is determined by the Site Evaluator to be the most practical method to treat and dispose of the wastewater.

- 3. The BODS plus S.S. content of the wastewater is no greater than that of normal domestic effluent.

GENERAL INFORMATION	Town of Portland; Peaks Island				
Permit No.	Date Permit Issued				
Property Owner's Name: Sam & Patricia Wainright (N/F Le	Tel. No.: 860 876 0073				
System's Location: 45 Winding Way					
Property Owner's Address: 34 West Main Street					
(if different from above) Chester, CT 06412-1345					
you are to send this Replacement System Variance Request, along consideration before issuing a Permit. (See reverse side for Comm SITE EVALUATOR: If after completing the Application, you find that a variance for the price Request with your signature on reverse side of form. PROPERTY OWNER: If has been determined by the Site Evaluator that a variance to the	nents Section and your signature.) roposed replacement system is needed, complete the Replacement Variance. Rules is required for the proposed replacement system. This variance is. The Site Evaluator has considered the site/soil restrictions and has				
provided they have performed their duties in a reasonable and pro-					
knowledge that it cannot be installed in compliance with the Rute. Application, and my on-site investigation, I (1) approve, 1 disapp	i, have visited the above property and have determined to the best of my s. As a result of my review of the Replacement Variance Request, the rove) the variance request based on my authority to grant this variance. Its for denial in Comments Section below and return to the applicant.				
•					
The state of the s					

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SUBSURFA	ACE WASTE	WATER DISPOSAL S	SYSTEM APPLICATION)N 05	Maine Department of Human Services vision of Health Engineering Station 10 SHS (207) 287-5672 FA4 (207) 287-4172		
	///PROPERTY LOC	KJON////////////////////////////////////	>> Caution: Permit	Required - Att	ach In Space Below <<		
y, Town. Plantation	PORTLAND; P	PEAKS ISLAND					
eet or Road	45 WINDING	V/////////////////////////////////////					
bdivision, Lat •		The Subsurface Wastewater Disposal System see not be installed until a Permit is attached HERE by the Local Plumbing Inspector. The Permit shall					
7///////	WHET APPLICANT IN	FORMATION///////////			the disposal system in accordance		
ne (last, first, MI)		Owner	with this application and the	Maine Subsu	rface Wastewater Disposal Rules		
ing Address		ICIA WAINRIGHT					
Of Conner	34 WEST MAIN	ST	\$0.00000000000000000000000000000000000				
Applicant	CHESTER, CT ON	42-1845	XIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII				
time Tel.			Municipal Tax Ma	p • 85 to	· P005		
0	wner or Applicant	t Statement	Cautio	n: Inspection	ns Required		
inawledge and under		ubmitted is correct to the best of oficin is reason for the Department mil.	have inspected the installation of with the Subsurface Wastewater f		and found it to be in compliance placation.		
m C. Wanch	CRica!	1/4/11			(lat) Date Asproved		
Signatur Dat (Owner / Applicant	Date	Local Plumbing Inspector Sis	perfect to	(2nd) Date Approved		
			OT/INFORMATION////////				
TYPE OF A	PPLICATION	THIS APPLIC	ATION REQUIRES	DISF	OSAL SYSTEM COMPONENTS		
1 C First Tin	ne System	1. No Rule Variance		1. Comp	lete Non-Engineered System		
2. Replacer		2. First Time System		The same of the sa	2. EPrimitive System(graywater & all toket)		
Type Replaced: CESSPOOL o : Local Plumbling Inspector Approval Year Installed: PRE 1974 b. : State & Local Plumbling Inspector Appro			Atternative Toilet, specify Non-Engineered Treatment Took tonly				
3 D Expande	d System	3. Replacement System		1	5. Holding Tank, Gallons		
a. □ Minor E b. □ Major I		a [] LocalPlumbing b. State & Local	Inspector Approval Plumbing Inspector Approval	6. [Non-Engineered Disposal Field (only) 7. [I Separated Loundry System			
4. D Experim	The state of the s	4. [] Minimum Lat Siz	e Variance	The second second second	stete Engineered System 2000gpd		
5 [] Seasona	d Conversion	5. 🗀 Seasonal Convers	5. [] Seasonal Conversion Approval		9. DEngineered Treatment Tank (only) 10. DEngineered Disposal Field (only)		
SIZE OF	PROPERTY	DISPOSAL S	YSTEM TO SERVE	II. C Pre-treatment, specify:			
062	gcres	1 Sauge Formy Owe	ling Unit, No. of Bedrooms:	12. Misco	12. Miscellaneous components		
	ND ZONING		elling, No of Units:	-	TYPE OF WATER SUPPLY		
SHORLLA	201440		SPECIFY		i Well 2. Dug Well J. Private		
U Yes	No	and the same and the	Year Round 🗌 Undeveloped		5. 0ther:		
		DISPOSAL FIELD TYPE &	TEM LAYOUT SHOWN ON PAG SIZE GARBAGE DISPO		DESIGN FLOW		
TREATMEN		1. Stone Bed 2. Stone Ir			160 gollons per day		
a. Regula	- 1	3. Proprietory Device	2. Yes >> Specify		BASED ON: 1. Toble 501.1 (dwelling unit(s))		
b. Low F	rofile OR	a. Cluster array c. Linea			2. Toble 501.2 (other facilities) SHOW CALCULATIONS - for other facilities		
2. Plastic		b.■Regular d□H-20 4.□ Other:	loaded btanks		- for other facilities -		
CAPACITY	OOO gallons	SIZE 576 To Sq. IL.	lin. ft. d. Filter on tank autiet		I BEDROOMS AT 120-180 GALLONS PER		
SOIL DATA & D	1	DISPOSAL FIELD SIZING	EFFLUENTEJECTO	OR PUMP	PER DAY		
PROFILE CONDI	TION DESIGN	1. Small - 2.0 sq.ft./gpd	1. Not required		3.[] Section 503.0 (meter reading ATTACH WATER-NEITE BATA		
Observation H		2. Medium - 2.6 sq./t./gp 3. Medium-Large - 3.3 sq	a.11./gpd 3. ☐ Required Specify only for engineered systems: 11./gpd DOSE: Gallons		LATITUDE AND LONGITUDE at penter of disposed area		
epth 23 " Ek		4. ☐ Large - 4.1 sq.ft./gpd			Lat. 143 d 39 m P.9		
F MOST LIMITING		5. ☐ Extra-Large - 5.0 sq.f			if apr. state resour of error		
			ALUATOR STATEMENT//////				
ertify that on to	2/22/10 (date)	completed a site evaluation with the Subsurface Wastewa	on this property and state ter Disposal Rules (10-144A C	that the data MR 24/n.	reported is accurate and that the		
	their	trick	48	12/29	120/0 JAN 11 2011		
	-V-	and the second second second second	the state of the s				
Site	valuator Signature		SE •	Date			

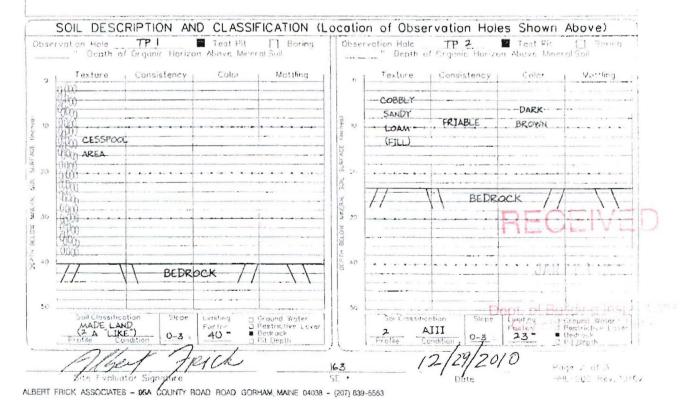
Site Evaluator Name Printed

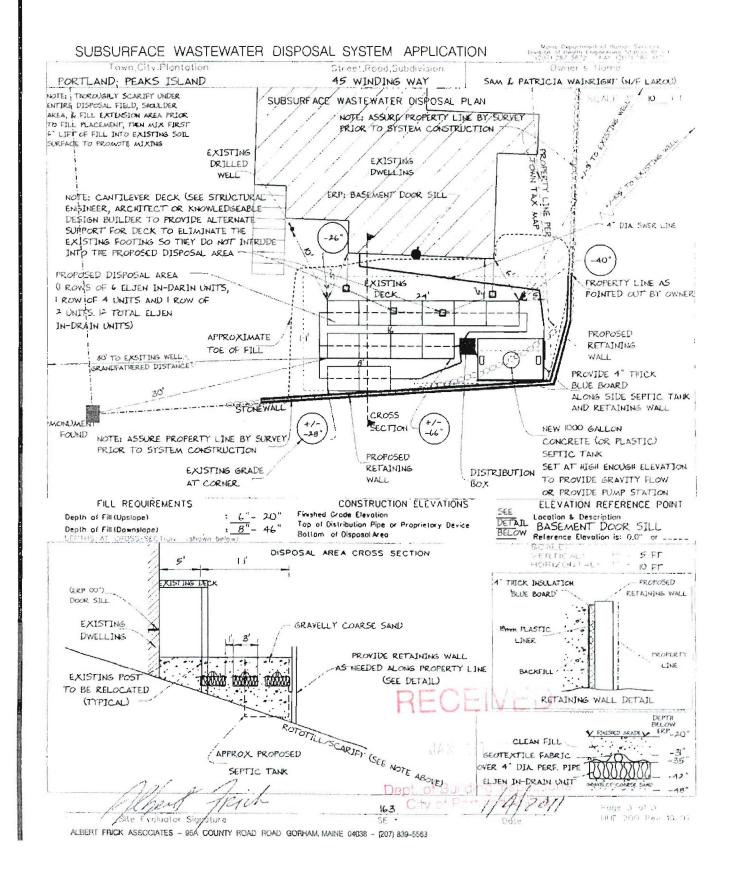
ALBERT FRICK ASSOCIATES - 95A COUNTY ROAD ROAD GORHAM, MAINE 04036 - (207) 830-5563

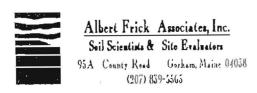
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator

IHE-200 Rev. 4/05

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION Town, City, Plantation Street, Pour Sundivision Caner's Home SAM & PATRICIA WAINRIGHT (N/F LAROU) PORTLAND; PEAKS ISLAND 45 WINDING WAY SITE COCATION PLAII (Attach Mep trum Mer Allas for Hew Typhen Variance) Scale 1" - 30 Ft SITE PLAN or as shown APPROX APPROX EXISTING EXISTING DRILLED DRILLED WELL. WELL EXISTING NE I SHE OR INS EXISTING DWELL THIS NEIGHBORING-DWELLING EXISTING DRILLED WELL 6XISTING TOTAL TOTAL TOTAL TOTAL HEISHBORINS DWELLINS! SILLAW TO RELECCK AREA 萨萨斯 EXISTINS 3650 A ## YY.W NOTE: SITE PLAN BASED ON TAX MAP INFORMATION EXISTING CESSION EXISTING DRIVEWAY LANGIDE WELL AND PROPERTY OWNER'S UNDERSTANDING OF PROPERTY LINES. SETBACKS) IT IS RECOMMENDED THAT THE PROPERTY BOUNDARJES 80' TO EXSTENS WELL BE CONFIRMED PRIOR TO CONSTRUCTION OF REPLACEMENT GRANDFATHERED DISTANCE DISPOSAL AREA AND CONTACT ALBERT FRICK ASSOC. PROPOSED FOUND IF ACTUAL PROPERTY LINES DIFFER THAN WHAT IS DISPOSAL AREA DEPICTED, IF IT AFFECTS THE DISPOSAL AREA SETBACKS







PORTLAND; PEAKS ISLAND 45 WINDING WAY SAM & PATRICIA WAINRIGHT (N/F LARCU)

TOWN LOCATION APPLICANT'S NAME

- The Plumbing and Subsurface Wastewater Disposal Rules adopted by the State of Maine, Department of Human Services pursuant to 22 M.R.S.A. § 42 (the "Rules") are incorporated herein by reference and made a part of this application and shall be consulted by the owner/applicant, the system installer and/or building contractor for further construction details and material specifications. The system installer should contact Albert Frick Associates, Inc. 839-5563, if there are any questions concerning materials, procedures or designs. The system installer and/or building contractor installing the system shall be solely responsible for compliance with the Rules and with all state and municipal laws and ordinances pertaining to the permitting, inspection and construction of subsurface wastewater disposal systems.
- This application is intended to represent facts pertinent to the Rules only. It shall be the responsibility of the owner/applicant, system Installer and/or building contractor to determine compliance with and to obtain permits under all applicable local, state and/or federal laws and regulations (including, without limitation, Natural Resources Protection Act, wetland regulations, zoning ordinances, subdivision regulations, Site Location of Development Act and minimum lot size laws) before installing this system or considering the property on which the system is to be installed a "buildable" lot. It is recommended that a wetland scientist be consulted regarding wetland regulations. Prior to the commencement of construction/installation, the local plumbing inspector or Code Enforcement Officer shall inform the owner/applicant and Albert Frick Associates, Inc of any local ordinances which are more restrictive than the Rules in order that the design may be amended. All designs are subject to review by local, state and/or federal authorities. Albert Frick Associates, Inc.'s llability shall be limited to revisions required by regulatory agencies pursuant to laws or regulations in effect at the time of preparation of this application.
- 3) All information shown on this application relating to property lines, well locations, subsurface structures and underground facilities (such as utility lines, drains, septic systems, water lines, etc.) are based solely upon information provided by the owner/applicant and has been relied upon by Albert Frick Associates, line. in preparing this application. The owner/applicant shall review this application prior to the start of construction and confirm this information. Well locations on abutting properties but not readily visible above grade should be confirmed by the owner/applicant prior to system installation to assure minimum setbacks.
- 4) Installation of a garbage (grinder) disposal is not recommended. If one is installed, an additional 1000 gollou septic tank or a septic tank filter shall be connected in series to the proposed septic tank. Risers and covers should be installed over the septic tank outlet to allow for easy maintenance.
- 5) The system user shall avoid introducing kitchen grease or fats into this system. Chemicals such as septic tank cleauers and/or chlorine (such as from water treatment units) and controlled or hazardous substances shall not be disposed of in this system. Additives such as yeast or enzymes are discouraged, since they have not been proven to extend system life.
- The septic tank should be pumped within two years of installation and subsequently as recommended by the pump service, but in no event should the septic tank be pumped less often than every three years. All septic tanks, pump stations and additional treatment tanks shall be installed to prevent ground water and surface water infiltration. Risers and covers should be properly installed to provide access white preventing surface water intrusion.

PORTLAND, PEAKS ISLAND

45 WINDING WAY

SAM & PATRICIA WAINRIGHT (NUT LARCH)

TOWN

LOCATION

APPLICANT'S NAME

- 7) The actual water flow or number of bedrooms shall not exceed the design criteria indicated on this application without a re-evaluation of the system as proposed. If the system is supplied by public water or a private service with a water meter, the water consumption per period should be divided by the number of days to calculate the average daily water consumption [water usage (cu. fl.) x 7.48 cu. ft. (gallons per cu. ft.) \div (# of days in period) = gals per day).
- 8) The general minimum setbacks between a well and septic system serving a single family residence is 100-300 feet, unless the local municipality has a more stringent requirement. A well installed by an abutter within the minimum setback distances prior to the issuance of a permit for the proposed disposal system may void this design.
- 9) When a gravity system is proposed: BEFORE CONSTRUCTION/INSTALLATION BEGINS, the system installer or building contractor shall review the elevations of all points given in this application and the elevation of the existing anxion proposed building drain and septic tank inverts for compatibility to minimum slope requirement. In gravity systems, the invert of the septic tank(s) outlet(s) shall be at least 4 inches above the invert of the distribution box outlet at the disposal area.
- 10) When an effluent pump is required: Provisions shall be made to make certain that surface and ground water does not enter the sexic tank or pump station, by sealing/grouting all seams and connections, and by placement of a riser and tid at or above grade. An alarm device warning of a pump failure shall be installed. Also, when pumping is required of a chamber system, install a "T" connection in the distribution box and place 3 inches of stone or a splash plate in the first chamber. Installate gravity pipes, pump lines and the distribution box as necessary to prevent freezing.
- On all systems, remove the vegetation, organic duff and old fill material from under the disposal area and any fill extension. On sites where the proposed system is to be installed in natural soil, scarify the bottom and sides of the excavated disposal area with a rake. Do not use wheeled equipment on the scarified soil surface. For systems installed in fill, scarify the native soil by roto-tilling or scarifying with teeth of backhoe to a depth of at least 8 inches over the entire disposal and fill extension area to prevent glazing and to promote fill bonding. Place fill in loose layers no deeper that 8 inches and compact before placing more fill (this ensures that voids and loose pockets are eliminated to minimize the chance of leakage or differential setting). Do not use wheeled equipment on the scarified soil area until after 12 inches of fill is in place. Keep equipment off proprietary devices. Divert the surface water away from the disposal area by ditching or shallow landscape swales.
- 12) Unless noted otherwise, fill shall be gravelly coarse sand which contains no more that 5% fines (silt and clay). Crushed stone shall be clean and free of any rock dust from the crushing process.
- 13) Do not install systems on learny, silly, or clayey soils during wet periods since soil smearing/glazing may seal off the soil interface.
- 14) Seed all filled and disturbed surfaces with perennial grass seed, then mulch with hay or equivalent material to prevent erosion. Alternatively, bank or permanent landscape mulch may be used to cover system. Woody trees or shrubs are not permitted on the disposal area or fill extensions.
- 15) If an advanced wastewater treatment unit is part of the design, the system shall be operated and maintained per manufacturer's specifications.



Larou (Wainwright) Property 45 Winding Way Peaks Island, Maine

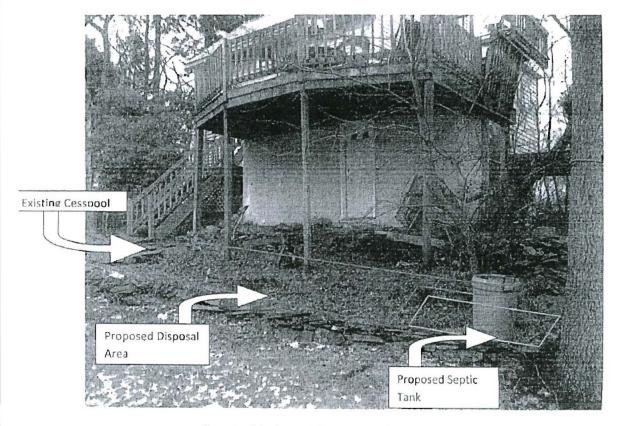


Photo 1: Existing and Proposed replacement Septic Area

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ISLAND REAL ESTATE

ASHMORE REALTY



20 WELCH STREET, PEAKS ISLAND, MAINE 04108 207.766.2981 • ralph@ashmorerealty.com

January 8, 2011

Planning & Urban Development Department Inspection Services Division 389 Congress Street, Portland, Maine 04101-3509 Attention: Jeanie Bourke Code Enforcement Officer/Plan Reviewer

SS-P-S

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JAN

face Wastewater

Subject: 45 Winding Way, Peaks Island, ME Subsurface Wastewater Replacement Disposal System Application.

Dear Ms. Bourke:

Dear Ms. Bourke;

I am representing Patricia Wainright with the purchase of a home at 45 Winding Way, Peaks Island (see attached Purchase & Sales Agreement). This property is currently served by a functioning grandfathered cesspool waste system. In an effort to protect the best interests of my Client I have advised Patricia to engage the services of Site Evaluator/Soils Scientist Albert Frick. Albert has performed an inspection of the existing system, performed a soils analysis, prepared a HHE-200 Subsurface Wastewater Replacement Disposal System Application (6 pages attached herein) and prepared a Replacement System Variance Request (2 pages attached herein). The applicant to these forms is Patricia Wainright and the owner of the property is currently Philip and Cheryl Larou.

Please find enclosed herein the following:

1. Three copies of the fully executed Subsurface Wastewater Replacement Disposal System Application and Replacement System Variance Request.

2. Three copies of the Purchase & Sales Agreement. obtained owners (see a Hacked)

3. A check in the amount of \$20.00 payable to the city of Portland for processing fee. \$13000 HHE 200 plus variance

4. A CD containing an electronic PDF file of items one and two herein above.

Page two:

It is my understanding that upon your review, you will then forward the application to The Division of Environmental Health, (Brent Lawson) and upon approval by the state; you will then collect a permit fee of \$115.00 of which includes the required \$15.00 DEP fee.

Please be advised that the timeline to secure the replacement waste system permit as detailed in the Purchase & Sales Agreement is time sensitive. Albert Frick has advised my client Ms. Wainright with this fair timeline, based on his experience. Your prompt attention to reviewing and processing this application is important in protecting my client's interests. Thank you for your attention to this matter. Please don't hesitate to contact me with any questions and/or if I may assist.

Respectfully,

ASHMORE REALTY

Ralph_

ISLAND SPECIALISTS
20 Welch Street, Peaks Island, Maine 04018
207.766.2981
Ralph@AshmoreRealty.com
www.AshmoreRealty.com

Hand delivered and sent via Certified Mail, Return Receipt Requested.

Cc Patricia Wainright, Heather Dallas (Seller Agent), Albert Frick, Jonathan Goldberg, Esg.