U71-H-008

SUBSURI	FACE WASTE	WATER DISPOSAL S	SYSTEM APPLICATIO	N	Deportment of Human Services Division of Health Engineering (207) 287-5672 FAX (207) 287-4172
	PROPERTY LOC	ATION		<i>XXXXXX</i>	N. 15. 15. 15. 15. 15. 15. 15. 15. 15. 15
Town or Plantation	PORTLAND		PORTLAND	××××××××× ERMIT ‡ 65	
Street Subdivision Lot •	PEAKS ISLA	JD E ROAD	Permit Sued: 6 8 9	- <u>-</u>	\$ Double Fee Charged
	PHOPETTY OWNER	'S NAME	- 1.00ai Pitimning inspector Signal	ure.	30
Applicant's Name	NGS First: COVEY JOHN	JOHN SON			
Mailing Address of Owner					
Doytime Tel. *			Municipal Tax Map •	Lot	*
knowledge and un Department and/o	derstand that any fall r Local Plumbing lysp	s correct to the best of my sification is reason for the ector to deny a permit	Thave inspected the instacompliance with the Subs	ullation authourface Wast	on Required  rized above and found it to be in ewater Disposal Rules Application
Signatur	1 Owner/Applicant	Dote	Local Plumbling Inspector Sign	otur•	Date Approved
TYPE OF	APPLICATION:	\		NO.	OCAL CYCTTA COMPONENTAL
1.	ement System  ed System  time exempted exempted nental System al Conversion  PROPERTY	1. No Rule Variance 2. First Time Syste	em Variance Inspector approval IPlumbing Inspector approval stem Variance Inspector approval IPlumbing Inspector approval se Variance sion Approval STEM TO SERVE:	1. Non- 2. Primi 3. Alter 4. Non- 5. Holdii 6. Non- 7. Sepo 8. Engin 9. Engin	OSAL SYSTEM COMPONENT(S)  Engineered System tive System(graywater & alt toilet native Toilet  Engineered Treatment Tank ng TankGallons  Engineered Disposal Area (anly) rated Laundry System leered System (*2000 gpd) leered Treatment Tank (only) leered Disposal Area (only) leatment
	ND ZONING	2.  Multiple Family D Units 3.  Other	welling: Number of		TYPE OF WATER SUPPLY
[] Yes	■ No	DESIGN DETAILS (SYSTE	M LAYOUT SHOWN ON PAGE		TC MITEL
IREAIMEN  1. Concre  a. Regu  b. Low  2. Plastic  3. Other  SIZE /000	Profile(IF NECESSARY)	DISPOSAL AREA TYPE / SIZE  Bed	1. ■ No 2. □ Yes □ Multi-compartm □ Tank in series □ Increase in tank □ Filter on tank o	ent tank k capacity	CRITERIA USED FOR DESIGN FLOW (Show Calculations)  SINGLE FAMILY DWELLING
PROFILE & DE	SIGN CLASS	DISPOSAL AREA SIZING	PUMPING		(2 BED ROOM)
PROFILE  2  DEPTH TO MOS LIMITING FACTOR	A 3.	☐ Small - 2.00 ☐ Medium - 2.60 ■ Medium-Large - 3.30 ☐ Large - 4.10 ☐ Extra-Large - 5.20	1. Not required 2. May be require 3. Required  DOSE		DESIGN FLOW: , /86 (Gallons/Day)
			JATOR'S STATEMENT		
proposed syl		yith the Subsurface Waste	operty and state that the data water Disposal Rules.    163	ta reported	is accurate and that the $7$
ALBERT	F12(CK ASSOC.	1/NC. 839 -	5563 Telephone		Page 1 of 3 HHE-200 Rev. 7/97



SOIL DESCRIPTION AND CLASSIFICATION  Observation Hole PE Test Pit Boring Open of Organic Horizon Above Mineral Soil Texture Consistency Color Mottling OARK SANDY OBSERVATION  OBSERVATION  Observation Hole Test Pit Boring Observation Hole Test Pit Doring Observation Hole Test Pit Boring Observation Hole Test Pit Doring Observatio	. 5,000	City, Plantation			Street, F	load,	Subd	lvision	1	Owners Nam	กฮ
SOIL DESCRIPTION AND CLASSIFICATION  Observation Hole TPC Testure Consistency Color Modifing  Testure Consistency Color Modifing  AANDY DARK SANDY DARK  CAAM FRIABLE BROWN  PETERSTRIP BROWN  AREA  AREA  SANDY PETERSTRIP  AREA  AREA  SECURITION  Observation Hole TPC Testure Consistency Color Modifing  Texture Consistency Color Modifing  AANDY DARK  SANDY PETERSTRIP  AREA  SANDY PETERSTRIP  BEDROCK  Sof Classification Stope Limiting Factor Downstrates  Texture Consistency Color Modifing  AREA  SANDY PETERSTRIP  BEDROCK  Sof Classification Stope Limiting Factor Downstrates  Texture Consistency Color Modifing  AREA  SANDY PETERSTRIP  BEDROCK  Sof Classification Stope Limiting Factor Downstrates  Texture Consistency Color Modifing  ABACH SECOND STOPE TO TEST PIT DOWNSTRATES  Deptin of Organic Horizon Above Mineral Soil  Deptin of Organic Horiz	PORT	TLAND (PE	AKS ISLA	P0P (au	SEASHOR	F	Ro	iAΛ	JENNINGS	JAHAI	
Depth of Organic Horizon Above Mineral Sall  Testure Consistency Color Motiling  Depth of Organic Horizon Above Mineral Sall  Depth of Organic Horizon Above		SOIL DES	CRIPTION A	ND CLASSI	ICATION	· <b>-</b>	,	- 19	1 30,4101000	, , , , , , , , , , , , , , , , , , , ,	
Texture Consistency Color Moliting    Depth of Organic Horizon Above Mineral Soil Texture Consistency Color Moliting   Depth of Organic Horizon Above Mineral Soil Texture Consistency Color Moliting   Depth of Organic Horizon Above Mineral Soil Texture Consistency Color Moliting   Depth of Organic Horizon Above Mineral Soil Texture Consistency Color Moliting   Depth of Organic Horizon Above Mineral Soil Texture Consistency Color Moliting   Depth of Organic Horizon Above Mineral Soil Texture Consistency Color Moliting   Depth of Organic Horizon Above Mineral Soil Texture Consistency Color Moliting   Depth of Organic Horizon Above Mineral Soil Color Moliting Consistency Color Moliting   Depth of Organic Horizon Above Mineral Soil Color Moliting Color Moliting Consistency Color Moliting Color M	Obs	ervation Hole	TPC	Test	Pit Boring	(	Obs	ervation Hole	_ TP D	Test	Pit □ Borin
SALDY DAEK    CAM   FRIABLE   BROWN			Depth of Organ	nic Horizon Above	Mineral Soil	_					
SOIL DESCRIPTION AND CLASSIFICATION  Observation Hole PE Test Pit Boring Observation Hole Openic Horizon Above Mineral Soil Classification Depth of Organic Horizon Above Mineral Soil Classification Sologe Uniting Factor Observation Hole Observa	0	Texlure	Consistency	Color	Mottling		0				•
Soil Classification   Slope   Limiting Factor   Dominol Water   Profits   Condition   Slope   Limiting Factor   Dominol Water   Dominol Water		SANDY		DARK		115					
SOIL Classification   Slope   Limiting Factor   Dominot Nature   Profits   Condition   Slope   Limiting Factor   Dominot Nature   Dominot Natu	inch 9	LOAM	FRIABLE	BROWN		che	6	CHANNERY	;		
SOIL Classification   Slope   Limiting Factor   Dominot Nature   Profits   Condition   Slope   Limiting Factor   Dominot Nature   Dominot Natu	CE (			Ve-1		(lr	10	' '		DARK	
SOIL Classification   Slope   Limiting Factor   Dominot Nature   Profits   Condition   Slope   Limiting Factor   Dominot Nature   Dominot Natu	T. 15			BRAJA		FAC	15	/		YELLOWISH	
Soil Classification   Slope   Limiting Factor   Demonstrature   Profits   Condition   Slope   Limiting Factor   Demonstrature   Description	7 SU		777			SUF				BIZOWN	
Soil Classification   Slope   Limiting Factor   Demonstrature   Profits   Condition   Slope   Limiting Factor   Demonstrature   Description	NOS		BEDROCK			OIL	20 -	111			
Soil Classification   Slope   Limiting Factor   Department Lype   Description   Department   Dep	446					AL S			BENZOCK		
Soil Classification   Slope   Limiting Factor   Demondvature   Destroy   Des	£ 30	· <del></del>		1		VER	30				
Soil Classification   Slope   Limiting Factor   Department Lype   Description   Department   Dep	<i>X</i>					/WII					
Soil Classification   Slope   Limiting Factor   Department Lype   Description   Department   Dep	275					107					
Soil Classification   Slope   Limiting Factor   Department Lype   Description   Department   Dep	10					1BE	40				···· · · · · · · · · · · · · · · · · ·
Soil Classification   Slope   Limiting Factor   Demonstrature   Profits   Condition   Slope   Limiting Factor   Demonstrature   Description	1					114:					
Soil Classification Slope   Limiting Factor   Downdware   Downdwar	· .					G	Ì				
BOIL DESCRIPTION AND CLASSIFICATION  Observation Hole PE Brest Pit Boring Oepth of Organic Horizon Above Mineral Soil Texture Consistency Color Mottling  SANDY BRIABLE DARK SUBJECT STAND	30.1	Soil Class	Ification Slope	Limiting Factor	[] Ground Water		50 U	Soil Clas	sification Stope	Limiting Factor	Ground Water
SOIL DESCRIPTION AND CLASSIFICATION  Observation Hole TPE Test Pit Boring  Depth of Organic Horizon Above Mineral Soil  Texture Consistency Color Mottling  SAINDY BROWN  BROWN  BROWN  SOIL Classification Slope Limiting Factor Consudered Layer Character Layer  Condition Slope Limiting Factor Character Layer  Character Condition Slope Limiting Factor Character Layer  Character Layer  Character Layer  Condition Slope Limiting Factor Character Layer  Character Laye	٠	$\frac{2}{2}$	1 .	10-18		il		Profile C	and trop	-	Restrictive Layer
Observation Hole PE Test Pit Boring  "Depth of Organic Horizon Above Mineral Soil  Texture Consistency Color Mottling  BANDY BARK  BEDROCK  Soil Classification Slope Limiting Factor Consuder Management Conditions  Soil Classification Slope Limiting Factor Consuder Management Conditions  Soil Classification Slope Limiting Factor Consuder Management Conditions  Soil Classification Slope Limiting Factor Consuder Management Condition Slope Condition Slop											
Texture Consistency Color Mottling  DARIA  BIDECIA  BEDIZOCK  Soil Classification Slope Limiting Factor Consideration  Fronty Condition  Soil Classification Slope Limiting Factor Consideration  Description  Fronty Condition  Soil Classification Slope Limiting Factor Consideration  Description  Fronty Condition  Soil Classification Slope Limiting Factor Consideration  Description  Description  Fronty Condition  Soil Classification  Soil Classification  Soil Classification  Soil Classification  Description  Des		BOU DEG									
SANDY  BROWN  BR	Obse	ervation Hole	TPE	Test	Pit Boring		Obse			<del></del>	<del></del>
BROWN  BR	Obse	ervation Hole	.TPE  Depth of Organi	Test	Pit Boring Mineral Soil	(	Obse		Depth of Organi	c Horizon Above	Mineral Soil
BEDIROCK  BEDIROCK  BEDIROCK  Soll Classification Slope Limiting Factor Consumd water Characteristics Layer Priority Condition % Destrocks Layer Characteristics Layer Characteristics and Condition Manager Condi	0	ervation Hole	.TPE  Depth of Organi	Test Test ic Horizon Above	Pit Boring Mineral Soil	-			Depth of Organi	c Horizon Above	Mineral Soil
BEDIROCK  BEDIROCK  BEDIROCK  Soll Classification Slope Limiting Factor Consumd water Characteristics Layer Priority Condition % Destrocks Layer Characteristics Layer Characteristics and Condition Manager Condi	0	Texture	Depth of Organi Consistency	Test ic Horizon Above Color	Pit Boring Mineral Soil	_	0		Depth of Organi	c Horizon Above	Mineral Soil
Soil Classification Slope Limiting Factor Ground Water Growth Condition % Gooding % Go	0	Texture	Depth of Organi Consistency	Test ic Horizon Above Color DARIA	Pit Boring Mineral Soil	_	0		Depth of Organi	c Horizon Above	Mineral Soil
Soil Classification Slope Limiting Factor Ground Water   ProNie Condition %	0 6	Texture	Depth of Organi Consistency	Test ic Horizon Above Color	Pit Boring Mineral Soil	_	0		Depth of Organi	c Horizon Above	Mineral Soil
Soil Classification Slope Limiting Factor Ground Water Growth Condition % Gooding % Go	6 6 10	Texture	Depth of Organi Consistency	Test ic Horizon Above Color DARK  DARK VELLOWISH	Pit Boring Mineral Soil	_	6 10		Depth of Organi	c Horizon Above	Mineral Soil
Soil Classification Slope Limiting Factor Ground Water Growth Condition % Gooding % Go	6 6 10	Texture	Depth of Organi Consistency	Test ic Horizon Above Color DARK  DARK VELLOWISH	Pit Boring Mineral Soil	_	0 6 10		Depth of Organi	c Horizon Above	Mineral Soil
Soil Classification Slope Limiting Factor Ground Water Growth Condition % Gooding % Go	6 6 10	Texture	Depth of Organi Consistency	Test ic Horizon Above Color DARK BIZOLIAN DARK VELLOLISH	Pit Boring Mineral Soil	_	0 6 10		Depth of Organi	c Horizon Above	Mineral Soil
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Soil Classification Slope Limiting Factor Ground Water Gondinon %	0 6 6 10 10 10 10 10 10 10 10 10 10 10 10 10	Texture	Depth of Organi Consistency	Test ic Horizon Above Color DARK BIZOLIAN DARK VELLOLISH	Pit Boring Mineral Soil	_	0 6 10 15 20 30		Depth of Organi	c Horizon Above	Mineral Soil  Mottling
Soil Classification Slope Limiting Factor Ground Water    Profile   Condition   %	6 6 10	Texture	Depth of Organi Consistency	Test ic Horizon Above Color DARK BIZOLIAN DARK VELLOLISH	Pit Boring Mineral Soil	_	0 6 10 15 20 30		Depth of Organi	c Horizon Above	Mineral Soil  Mottling
Profile Condition% C Bedrock% D Bedrock	0 (Calcill) 10 10 15 15 10 20 20 30	Texture	Depth of Organi Consistency	Test ic Horizon Above Color DARK BIZOLIAN DARK VELLOLISH	Pit Boring Mineral Soil	_	0 6 10 15 20 30		Depth of Organi	c Horizon Above	Mineral Soil  Mottling
	0	Texture  SANDY  LOAM	Depth of Organi Consistency  FRIABLE  BEDROCK	Test ic Horizon Above Color DARK BARK FELLOWISH BROWN	Pit Boring Mineral Soil Mottling	_	0 6 10 15 20 30	Texture	Depth of Organi Consistency	C Horizon Above Color	Mineral Soil  Mottling
40/1/101	0 (Calcill) 10 10 15 15 10 20 20 30	Texture  SAHDY  LOAM  Soil Classit	Depth of Organi Consistency  FRIABLE  BEDIZOCIA	Test ic Horizon Above Color DARK BARK YELLOWISH BROWN	Pit Boring Mineral Soil Mottling	_	0 6 10 15 20 30	Texture "	Depth of Organi Consistency	C Horizon Above Color  Limiting Factor	Mottling  Mottling  Oround Water  Persinctive Layer
	SECUM MINERAL SOIL SUITACE (Inches)	Texture  SAHDY  LOAM  Soil Classit	Depth of Organi Consistency  FRIABLE  BEDIZOCIA	Test ic Horizon Above Color DARK BARK YELLOWISH BROWN	Pit Boring Mineral Soil Mottling	_	0 6 10 15 20 30	Texture "	Depth of Organi Consistency	C Horizon Above Color  Limiting Factor	Mottling  Mottling  Oround Water  Persinctive Layer

## REPLACEMENT SYSTEM VARIANCE REQUEST

## THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST

This form shall be attached to an application (HHE-200) for the proposed replacement system which requires a variance to the Rules. The LPI shall review the Replacement System Variance Request an HHE-200 and may approve the Request if all of the following requirements can be met, and the variance(s) requested fall within the limits of LPI's authority.

1. The proposed design meets the definition of a Replacement System as defined in the Rules (Sec. 1903)

2. There will be no change in use of the structure except as authorized for one-time exempted expansions outside the shoreland zone of major waterbodies/courses.

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

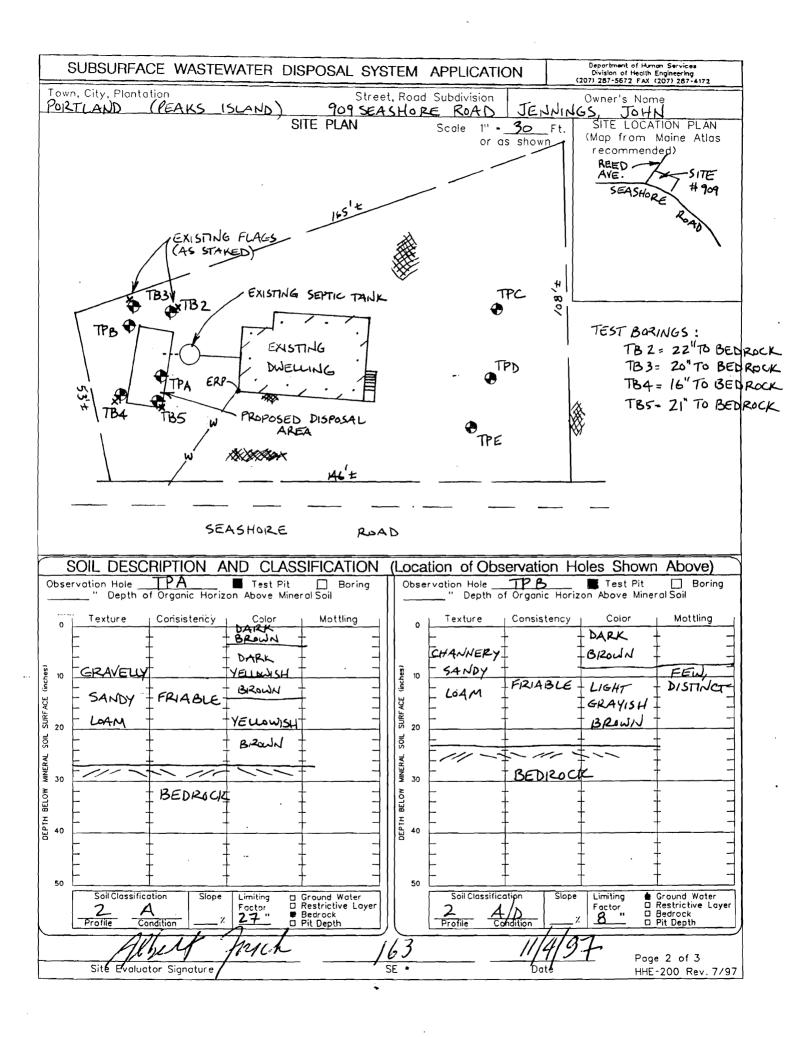
4. The BODs plus S.S. content of the wastewater is no greater than that of normal domestic effluent.

GENERAL INFORMATION	
	TOWN OF PORTLAND (PEAKS ISLAND)
Permit No.	Date Permit Issued
Property Owner's Name: <u>JOHN JENNI</u>	NGS Tel. No.:
System's Location: 909 SEASHORE	
Property Owner's Address:	
(if different from above)	
SPECIFIC INSTRUCTIONS TO THE: LOCAL PLUMBING INSPECTOR (LPI):  If any of the variances exceed your approval authority and/or do Section above, then you are to send this Replacement System of Department for review and approval consideration before issuin signature.)  SITE EVALUATOR:  If after completing the Application, you find that a variance for the Replacement Variance Request with your signature on reverse seproperty OWNER:  If has been determined by the Site Evaluator that a variance to the National State of the Site State of the Site are considered the site/soil restrictions and have concluded that a repossible.  PROPERTY OWNER  I understand that the proposed system requires a variance to the all concerned provided they have performed their duties in a real Local Plumbing Inspector and make any corrections required by acknowledge permission for representatives of the Department necessary to evaluate the variance request.	Variance Request, along with the Application, to the graph and your me proposed replacement system is needed, complete the side of form.  The Rules is required for the proposed replacement system, and/or soil conditions. Both the Site Evaluator and the LPI have explacement system in total compliance with the Rules is not be Rules. Should the proposed system malfunction, I release isonable and proper manner, and I will promptly notify the or the Rules. By signing the variance request form, I
SIGNATURE OF OWNER	DATE

091-H-008

Department of Human Services

SUBSURFACE WAST	EWATER DISPOSAL S	SYSTEM APPLICATION	N	Division of Health Engineering (207) 287-5872 FAX (207) 287-4172
PROPERTY L	OCATION			
Town or Plantation POIZTLAND	<b>N</b>	PORTLAND (CX C)	6501	1 20 Double Fee
Street Subdivision Lot • PEAKS ISL		Permit Issued:	\$	L.P.I. # O. / 12.4
PROPERTY OWN	ORE ROAD VER'S NAME	Local Plumbing Inspector Signatu		Ce /
Lost: JENNINGS Firs	" JOHN	``\`   ``\``````\`\\\\\\\\\\\\\\\\\\\	********	
Applicant's COVEY JOI	HNS0N			
Mailing Address of Owner				
Doytime Tel. *		Municipal Tax Map •	Lot •	
Owner Sta		Caution	: Inspectio	n Reguired
I state that the information submitte knowledge and understand that any Department and/or Lecal Plumbing In	d is correct to the best of my falsification is reason for the spector to deny a permit	I have inspected the insta compliance with the Subs	Illation author urface Waste	ized above and found it to be in water Disposal Rules Application
Signature of Owner/Applicant	$\sim$		<del>,</del>	
Signature of Owner/Applicant	Date	Local Plumbling Inspector Signal IT INFORMATION	oture	Date Approved
TYPE OF APPLICATION:		ATION REQUIRES:	Diebo	DSAL SYSTEM COMPONENT(S)
1.   First Time System	ļ. <u>_</u>		}	Ingineered System
2. 🖀 Replacement System	2. 🗆 First Time Syste	em Variance	2. 🗆 Primit	ive System(graywater & alt toilet
Type ReplacedYear Installed		Inspector approval Plumbing Inspector approval	N .	native Toilet Ingineered Treatment Tank
3. [] Expanded System	3. Replacement Sys	stem Variance	5. 🗌 Holdin	g TankGallons
□ a. one time exempted □ b. non exempted	1	Inspector approval IPlumbing Inspector approval		ngineered Disposal Area (only) ated Laundry System
4. D Experimental System	4. 🔲 Minimum Lot Siz	e Variance	8. 🗆 Engine	eered System (+2000 gpd)
5	5. Seasonal Convers	STEM TO SERVE:	,	eered Treatment Tank (only) eered DisposalArea (only) eatment
12, 400 S.F. ±	1. Single Family Dw	-		
SHORELAND ZONING	Units	Owelling: Number of		TYPE OF WATER SUPPLY
☐ Yes ■ No	3.  Other		PUBL	IC WATER
	DESIGN DETAILS (SYSTE	EM LAYOUT SHOWN ON PAGE	3)	
TREATMENT TANK	DISPOSAL AREA TYPE / SIZI	e <b>Garbage Disposa</b>	L UNIT	CRITERIA USED FOR
1. ■ Concrete □ a.Regular ,	1. ☐ BedSq. Ft. 2. ■ Proprietary Device 864			DESIGN FLOW (Show Calculations)
b. Low Profile(15	🗀 Cluster 🔳 Linear	☐ Multi-compartm	ent tank	CHALE
2.   Plastic NECESSARY) 3.   Other	■ Regular □ H-20 3. □ Trench	☐ Tank in series ☐ Increase in tan	k capacity	SINGLE FAMILY
SIZE /000 Gallons	4. 🗆 Other	☐ Filter on tank (		DWELLING
PROFILE & DESIGN CLASS	18 ELJEN IN-DRAIN DISPOSAL AREA SIZING	PUMPING		(2 BED ROOM)
PROFILE DESIGN	1. Small - 2.00	1. Not required		
2 A	2. □ Medium - 2.60 3. ■ Medium-Large - 3.30	2. May be require 3. Required	ea	DESIGN ,
DEPTH TO MOST	4.  Large - 4.10			FLOW: /80
LIMITING FACTOR 16-27"	5. 🗍 Extra-Large - 5.20	002E	Gallons	(Gallons/Day)
		UATOR'S STATEMENT		
On /o / Z /9 f (date) I comple proposed sytem is in complic	ted a site evaluation on this plance with the Subsurface Wast	roperty and state that the do ewater DisposalRules.	nta reported	is accurate and that the
Most m	ich	163 //	1/4/9	7
Site Evaluator Signatur	<i>(</i> -		/ Date	— Page 1 of 3
ALBEIZT FIZICK ASSO Site Evaluator Name P	iC. / /NC · 859 -	-5563 Telephone		HHE-200 Rev. 7/97





POR	City, Plantation			Street, Ro	ad, Sub	division	T	Owners Nam	
	TLAND (PE	EAKS ISIA	un) 909	SEASHORE	- =	'a 1 N	Jallinge		•
ſ	SOIL DES	CRIPTION A	ND CLASSIF	ICATION		6AD	JENNINGS	, JOHN	
Ob	servation Hole	TPC	Test	Pit □ Borina l	Ob	servation Hole	_ TP D	Tool	Dit 🗀 Barina
	,	Depth of Organ	nic Horizon Above	Mineral Soil			Depth of Organi		
	Texture	Consistency	1Color_	Mottling		Texture	Consistency		Mottling
(St	SANDY		DARK		, °			DARK	
DEPTHBELOW MINEHAL SOIL SURFACE (Inches)		FRIABLE	1		DEPTH BELOW MINERAL SOIL SURFACE (Inches)  ♣ % % 5 0 9	CHANNERY	;	BROWN	
SE (II			<u> </u>		) I	,	i	DARK	
15 15			YELLOWISH BROWN		14C1		FRIABLE	YELLOWISH	
SUF		111			JAN 15	COAM		BIZOWN	
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50		sification Slope	Limiting Factor	C Ground Water	50	Soit Clas	silication Slope	Limiting Factor	☐ Ground Water
	12	4	100	☐ Restrictive Layer					☐ Restrictive Layer
	Profile Co	ondition	% <u> /0-/8</u>	■ Bedrock		Profile Co	ondition	<u> </u>	☐ Bedrock
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Obs		IPE							
		•	-	Pit Boring	Obs			_	
		Depth of Organi	ic Horizon Above	Mineral Soil	Obs		Depth of Organia	Horizon Above	Mineral Soil
0	Texture	Depth of Organi Consistency	Color	} }	Obs			_	
	Texture SALINU	Depth of Organi Consistency	Color	Mineral Soil	0		Depth of Organia	Horizon Above	Mineral Soil
	SANDY	Depth of Organi Consistency	Color  DARIC	Mineral Soil	0		Depth of Organia	Horizon Above	Mineral Soil
	SANDY	Depth of Organi Consistency	Color DARK BIZOWN	Mineral Soil	0		Depth of Organia	Horizon Above	Mineral Soil
FACE (Inches)	SANDY	Depth of Organi Consistency	Color DARK BROWN DARK VELLOWISH	Mineral Soil  Mottling	FACE (Inches)		Depth of Organia	Horizon Above	Mineral Soil
FACE (Inches)	Texture SANDY LOAM	Depth of Organi Consistency	Color DARK BIZOWN	Mineral Soil  Mottling	FACE (Inches)		Depth of Organia	Horizon Above	Mineral Soil
FACE (Inches)	Texture SANDY LOAM	Depth of Organi Consistency	Color DARK BROWN DARK VELLOWISH	Mineral Soil  Mottling	FACE (Inches)		Depth of Organia	Horizon Above	Mineral Soil
FACE (Inches)	Texture SANDY LOAM	Depth of Organi Consistency	Color DARK BROWN DARK VELLOWISH	Mineral Soil  Mottling	FACE (Inches)		Depth of Organia	Horizon Above	Mineral Soil
FACE (Inches)	SANDY LOAM	Depth of Organi Consistency	Color DARK BROWN DARK VELLOWISH	Mineral Soil  Mottling	FACE (Inches)		Depth of Organia	Horizon Above	Mineral Soil
FACE (Inches)	SANDY LOAM	Depth of Organi Consistency	Color DARK BROWN DARK VELLOWISH	Mineral Soil  Mottling	FACE (Inches)		Depth of Organia	Horizon Above	Mineral Soil
FACE (Inches)	SANDY LOAM	Depth of Organi Consistency	Color DARK BROWN DARK VELLOWISH	Mineral Soil  Mottling	FACE (Inches)		Depth of Organia	Horizon Above	Mineral Soil
FACE (Inches)	Texture  SANDY  LOAM	Depth of Organi Consistency	Color DARK BROWN DARK VELLOWISH	Mineral Soil  Mottling	FACE (Inches)		Depth of Organia	Horizon Above	Mineral Soil
FACE (Inches)	Texture  SANDY  LOAM	Depth of Organi Consistency	Color DARK BROWN DARK VELLOWISH	Mineral Soil  Mottling	FACE (Inches)		Depth of Organia	Horizon Above	Mineral Soil
DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture  SANDY  LOAM	Depth of Organi Consistency	Color DARK BROWN DARK VELLOWISH	Mineral Soil  Mottling	DEPTH BELOW MINERAL SOIL SURFACE (Inches)		Depth of Organia	Horizon Above	Mineral Soil
FACE (Inches)	Texture  SANDY  LOAM	Depth of Organi Consistency	Color DARK BROWN DARK VELLOWISH	Mineral Soil  Mottling	FACE (Inches)	Texture	Depth of Organia	Horizon Above	Mineral Soil
DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture  SANDY  LOAM  Soil Class	Depth of Organi Consistency  FRIABLE  BEDROCA  illication Slope	Color  Color  DARK  VELLOWISH  BROWN	Mineral Soil  Mottling	DEPTH BELOW MINERAL SOIL SURFACE (Inches)	Texture  Soil Class	Depth of Organic Consistency	Color Color Limiting Factor	Mineral Soil  Mottling

PORTLAND	(PEAKS	ISLAND)	909	SEASHOJZE	ROAD	JOHN	JEJNINGS	
TOWN	. Ne i i	Ĺ	OCATION			APPLICA	NT'S NAME	

- 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 once every three years.
- 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.ft.)  $\times$  7.48 cu.ft.(gallons per cu.ft.)  $\div$  # of days in period).
- 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.
- 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 and/or proposed building drain and septic tank inverts for compatibility to minimum slope requirements. 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. When an effluent pump is required, provisions shall be made to make certain that surface ground water does not enter the septic tank or pump station. An alarm device warning of a pump failure shall be installed. Also, when pumping is required to 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. Insulate 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 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 than 8 inches and compact thoroughly before placing more fill (this ensures that voids and loose pockets are eliminated to minimize the chance of leakage). Do not use wheeled equipment on the scarified soil area until after 12 inches of fill is in place. Keep equipment off the chambers. Divert the surface water away from the disposal area by ditching or shallow swales.
- Unless noted otherwise, fill shall be gravelly coarse sand which contains no more than 5% fines (silt and clay).
- Do not install systems on loamy, silty, or clayey soils during wet periods since soil smearing/glazing may seal off the soil interface.
- 13) Seed all filled and disturbed surfaces with perennial grass seed, then mulch with hay or equivalent material to prevent erosion.



## REPLACEMENT SYSTEM VARIANCE REQUEST

## THE LIMITATIONS OF THE REPLACEMENT SYSTEM VARIANCE REQUEST

This form shall be attached to an application (HHE-200) for the proposed replacement system which requires a variance to the Rules. The LPI shall review the Replacement System Variance Request an HHE-200 and may approve the Request if all of the following requirements can be met, and the variance(s) requested fall within the limits of LPI's authority.

1. The proposed design meets the definition of a Replacement System as defined in the Rules (Sec. 1903)

2. There will be no change in use of the structure except as authorized for one-time exempted expansions outside the shoreland zone of major waterbodies/courses.

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

4. The BOD5 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:	Tel. No.:
System's Location: 909 SEASHORE 120,	
Property Owner's Address:	
(if different from above)	
SPECIFIC INSTRUCTIONS TO THE:  LOCAL PLUMBING INSPECTOR (LPI):  If any of the variances exceed your approval authority and/or do not me Section above, then you are to send this Replacement System Variance Department for review and approval consideration before issuing a Pesignature.)  SITE EVALUATOR:  If after completing the Application, you find that a variance for the proper Replacement Variance Request with your signature on reverse side of PROPERTY OWNER:  If has been determined by the Site Evaluator that a variance to the Rul This variance request is due to physical limitations of the site and/or seconsidered the site/soil restrictions and have concluded that a replaced possible.	ce Request, along with the Application, to the rmit. (See reverse side for Comments Section and your cosed replacement system is needed, complete the form.  Les is required for the proposed replacement system. The conditions. Both the Site Evaluator and the LPI have
PROPERTY OWNER I understand that the proposed system requires a variance to the Rules all concerned provided they have performed their duties in a reasonable Local Plumbing Inspector and make any corrections required by the R acknowledge permission for representatives of the Department to entenecessary to evaluate the variance request.	le and proper manner, and I will promptly notify the ules. By signing the variance request form, I r onto the property to perform such duties as may be
SIGNATURE OF OWNER	DATE
LOCAL PLUMBING INSPECTOR  I,	thority to grant this variance. Note: If the LPI does not ction below and return to the applicant. —OR-proval authority as LPI. I (☐ recommend, ☐ do not LPI does not recommend the Department's approval, proposed replacement system is not being
PI SON TORE	124 8/June/98 DATE

VARIANCE CATEGORY	VARIANCE REQUESTED		LIMIT OF APPRO AUTHO	OVAL	VARIANCE REQUESTED TO:		
SOILS							
Soil Profile	Ground Water	r Table	to 7"		inches		
Soil Condition	Restrictive Laver		to 7"		Inches		
from HHE-200	Bedrock		to 1	2"		inches	
SETBACK DISTANCES (in feet)	Disposi	al Fields	Septic	Tanks	Disposal Fields	Septic Tanks	
From	Less than 1000 gpd	1000 to 2000 gpd	Less Than 1000 gpd	1000 to 2000 gpd	То	То	
Wells with water usage of 2000 or more gpd	300° ft	300°ft	100° ft	100 <sup>a</sup> ft			
Owner's wells	100 down to 50 ft	200 down to 100 ft	100 <sup>b</sup> down to 50 ft	100 down to 50 ft			
Neighbor's wells	100 <sup>b</sup> down to 60 ft	200 <sup>b</sup> down to 120 ft	100 <sup>b</sup> down to 50 ft	100 <sup>b</sup> down to 75 ft			
Water supply line	10 ft <sup>a</sup>	20 ft <sup>a</sup>	10 ft <sup>a</sup>	10 ft <sup>a</sup>		<del></del>	
Water course, major - for replacements only, see Table 400.4 for exempted expansions	100 down to 60 ft	200 down to 120 ft	100 down to 50 ft	100 down to 50 ft			
Water course, minor	50 down to 25 ft	100 down to 50 ft	50 down to 25 ft	50 down to 25 ft			
Dralnage ditches	25 down to 12 ft	50 down to 25 ft	25 down to 12 ft	25 down. to 12 ft			
Coastal wetlands, special freshwater wetlands, great ponds, rivers, streams (edge of fill extension)	25 ft	25 ft	25 ft	25 ft			
Slopes greater than 3:1	10 ft	18 ft	N/A	N/A			
No full basement [e.g. slab, frost wall, columns]	15 down to 7 ft	30 down to 15 ft	8 down to 5 ft	14.down to 7 ft	-		
Full basement [below grade foundation]	20 down to 10 ft	30 down to 15 ft	8 down to 5	14 down to 7 ft		_	
Property lines	10 down to 5 ft	18 ft down to 9 <sup>C</sup> ft	10 ft down to 4 <sup>C</sup> ft	15 ft down to 7 <sup>C</sup> ft			
Burial sites or graveyards, measured from the down toe of the fill extension	25 ft	25 ft	25 ft	25 ft			

OTHER			
1. Fill extension Grade - to 3:1) NEAR	2 PIZOPERTY LINES,	AS NEEDED	<del>-</del>
2.		<u></u>	
3.			
Footnotes:	as and used by the LDL but may be	a considered for reduction	hy State variance
<ul> <li>a. This setback distance cannot b</li> <li>b. Written Permission from the or</li> </ul>	be reduced by the LPI, but may be wher of a well is required when a	replacement system will b	be located less than 100
feet but closer to that well than	the system it is replacing.		
c. Sufficient distance shall be ma	intained to assure that the toe of	the fill does not extend to	the 3:1 slope or property
line.	that Jour	,	11/4/97
	SITE EVALUATOR'S SIGNAT	URE	/ / DATE

FOR USE BY THE DEPARTMENT ONLY  The Department has reviewed the variance(s) and (□ does □ does not) give its approvarecommendations, or reasons for the Variance denial, are given in the attached letter.	al. Any additional requirements,
SIGNATURE OF THE DEPARTMENT	DATE