

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

PROPERTY LOCATION

City, Town, or Plantation: Peaks Island, Portland

Street or Road: 380 Pleasant Avenue

Subdivision, Lot #: _____

>> CAUTION: PERMIT REQUIRED - ATTACH IN SPACE BELOW <<

2005-6019

PORTLAND PERMIT # 9598 TOWN COPY

Date Permit Issued: 09/15/05 \$ 1,100 If Double Fee Charged

L.P.I. # 06,410

OWNER/APPLICANT INFORMATION

Name (last, first, MI): Axiotis, Chrissy Owner Applicant

Mailing Address of Owner/Applicant: c/o George Blood, 121 Pleasant Ave
Peaks Island, ME. 04108

Daytime Tel. #: 766-5983

Local Plumbing Inspector Signature: [Signature]

Municipal Tax Map # _____ Lot # _____

OWNER OR APPLICANT STATEMENT

I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit.

Signature of Owner or Applicant: Chrissy Axiotis Date: 9-26-05

CAUTION: INSPECTION REQUIRED

I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.

Local Plumbing Inspector Signature: _____ (1st) date approved: _____

Local Plumbing Inspector Signature: _____ (2nd) date approved: _____

PERMIT INFORMATION

TYPE OF APPLICATION

1. First Time System

2. Replacement System

Type replaced: Cesspool

Year installed: 6/7/1974

3. Expanded System

a. Minor Expansion

b. Major Expansion

4. Experimental System

5. Seasonal Conversion

THIS APPLICATION REQUIRES

1. No Rule Variance

2. First Time System Variance

a. Local Plumbing Inspector Approval

b. State & Local Plumbing Inspector Approval

3. Replacement System Variance

a. Local Plumbing Inspector Approval

b. State & Local Plumbing Inspector Approval

4. Minimum Lot Size Variance

5. Seasonal Conversion Permit

DISPOSAL SYSTEM COMPONENTS

1. Complete Non-engineered System

2. Primitive System (graywater & alt. toilet)

3. Alternative Toilet, specify: _____

4. Non-engineered Treatment Tank (only)

5. Holding Tank, _____ gallons

6. Non-engineered Disposal Field (only)

7. Separated Laundry System

8. Complete Engineered System (2000 gpd or more)

9. Engineered Treatment Tank (only)

10. Engineered Disposal Field (only)

11. Pre-treatment, specify: QXYPRO ATU 1,000

12. Miscellaneous Components (or equivalent)

SIZE OF PROPERTY

~23,000 X SQ. FT. ACRES

SHORELAND ZONING

Yes No

DISPOSAL SYSTEM TO SERVE

1. Single Family Dwelling Unit, No. of Bedrooms: 4

2. Multiple Family Dwelling, No. of Units: _____

3. Other: _____ (specify)

Current Use Seasonal Year Round Undeveloped

TYPE OF WATER SUPPLY

1. Drilled Well 2. Dug Well 3. Private

4. Public 5. Other

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK

1. Concrete

a. Regular

b. Low Profile

2. Plastic

3. Other: _____

CAPACITY: 1,000 GAL.

DISPOSAL FIELD TYPE & SIZE

1. Stone Bed 2. Stone Trench

3. Proprietary Device

a. cluster array c. Linear

b. regular load d. H-20 load

4. Other: Drip Irrigation

SIZE: 450 X sq. ft. - lin. ft.

GARBAGE DISPOSAL UNIT

1. No 2. Yes 3. Maybe

If Yes or Maybe, specify one below:

a. multi-compartment tank

b. _____ tanks in series

c. increase in tank capacity

d. Filter on Tank Outlet

DESIGN FLOW

360 gallons per day

BASED ON:

1. Table 501.1 (dwelling unit(s))

2. Table 501.2 (other facilities)

SHOW CALCULATIONS

SOIL DATA & DESIGN CLASS PROFILE CONDITION DESIGN

2 / A/E / 5

at Observation Hole # IP-1

Depth 0 "

of Most Limiting Soil Factor

Groundwater

DISPOSAL FIELD SIZING

1. Small--2.0 sq. ft. / gpd

2. Medium--2.6 sq. ft. / gpd

3. Medium--Large 3.3 sq. ft. / gpd

4. Large--4.1 sq. ft. / gpd

5. Extra Large--5.0 sq. ft. / gpd

EFFLUENT/EJECTOR PUMP

1. Not Required

2. May Be Required

3. Required

Specify only for engineered systems.

DOSE: _____ gallons

DEPT. OF BUILDING INSPECTION
CITY OF PORTLAND, ME

SEP 27 2005

Section 503.9 (meter readings)
ATTACH METER DATA

RECEIVED

SITE EVALUATOR STATEMENT

I certify that on Sept. 17, 2005 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Site Evaluator Signature: Andrew Gobeil

SE #: #370

Date: 9/18/2005

Site Evaluator Name Printed: Andrew Gobeil

Telephone Number: 657-7391

E-mail Address: _____

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

Cash

JENNIFER SANBORN
REPLACEMENT SYSTEM VARIANCE REQUEST

FORMS

287-5687-3165

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. 2006).
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: Chrissy Axiotis Tel. No.: 766-5983 (George Blvd)
 System's Location: 380 Pleasant Avenue, Peaks Island
 Property Owner's Address: c/o George Blvd, 121 Pleasant Ave, Peaks Island,
 (if different from above) ME 04108

**SPECIFIC INSTRUCTIONS TO THE:
LOCAL PLUMBING INSPECTOR (LPI):**

If any of the variances exceed your approval authority and/or do not meet all of the requirements listed under the Limitations Section above, then you are to send this Replacement System Variance Request, along with the Application, to the Department for review and approval consideration before issuing a Permit. (See reverse side for Comments Section and your signature.)

SITE EVALUATOR:

If after completing the Application, you find that a variance for the proposed replacement system is needed, complete the Replacement Variance Request with your signature on reverse side of form.

PROPERTY OWNER:

If it has been determined by the Site Evaluator that a variance to the Rules is required for the proposed replacement system. This variance request is due to physical limitations of the site and/or soil conditions. Both the Site Evaluator and the LPI have considered the site/soil restrictions and have concluded that a replacement system in total compliance with the Rules is not possible.

PROPERTY OWNER

I understand that the proposed system requires a variance to the Rules. Should the proposed system malfunction, I release all concerned provided they have performed their duties in a reasonable and proper manner, and I will promptly notify the Local Plumbing Inspector and make any corrections required by the Rules. By signing the variance request form, I acknowledge permission for representatives of the Department to enter onto the property to perform such duties as may be necessary to evaluate the variance request.

Chrissy Axiotis
SIGNATURE OF OWNER

9-26-2005
DATE

LOCAL PLUMBING INSPECTOR

I, MIKE NUGENT, the undersigned, ~~_____~~ have determined to the best of my knowledge that it cannot be installed in compliance with the Rules. As a result of my review of the Replacement Variance Request, the Application, and my on-site investigation, I (check and complete either a or b):

- a. (approve, disapprove) the variance request based on my authority to grant this variance. Note: If the LPI does not give his approval, he shall list his reasons for denial in Comments Section below and return to the applicant. -OR-
- b. find that one or more of the requested Variances exceeds my approval authority as LPI. I (recommend, do not reconunend) the Department's approval of the variances. Note: If the LPI does not recommend the Department's approval, the reasons shall be stated in Comments Section below as to why the proposed replacement system is not being recommended.

Comments: No PRACTICAL LOCATION FOR TANK

Mike Nugent 0640
LPI SIGNATURE

10/3/05
DATE

HHE-204 Rev 10/02

FORMS

Replacement System Variance Request

VARIANCE CATEGORY	LIMIT OF LPI'S APPROVAL AUTHORITY						VARIANCE REQUESTED TO:	
	Disposal Fields			Septic Tanks			Disposal Fields	Septic Tanks
SOILS								
Soil Profile	Ground Water Table			to 7"			0 inches	
Soil Condition	Restrictive Layer			to 7"			inches	
from HHE-200	Bedrock			to 12"			inches	
SETBACK DISTANCES (in feet)	Disposal Fields			Septic Tanks			Disposal Fields	Septic Tanks
From	Less than 1000 gpd	1000 to 2000 gpd	Over 2000 gpd	Less than 1000 gpd	1000 to 2000 gpd	Over 2000 gpd	To	To
Wells with water usage of 2000 or more gpd or public water supply wells	300 ft [a]	300 ft [a]	300 ft [a]	100 ft [a]	100 ft [a]	100 ft [a]		
Owner's wells	100 down to 60 ft	200 down to 100 ft	300 down to 150 ft	100 down to 50 ft [b]	100 down to 50 ft	100 down to 50 ft	72'	
Neighbor's wells	100 down to 60 ft [b]	200 down to 120 ft [b]	300 down to 180 ft [b]	100 down to 50 ft [b]	100 down to 75 ft [b]	100 down to 75 ft [b]		
Water supply line	10 ft [a]	20 ft [a]	25 ft [a]	10 ft [a]	10 ft [a]	10 ft [a]		
Water course, major - for replacements only, see Table 400.4 for major expansions	100 down to 60 ft	200 down to 120 ft	300 down to 180 ft	100 down to 50 ft	100 down to 50 ft	100 down to 50 ft		
Water course, minor	50 down to 25 ft	100 down to 50 ft	150 down to 75 ft	50 down to 25 ft	50 down to 25 ft	50 down to 25 ft		
Drainage ditches	25 down to 12 ft	50 down to 25 ft	75 down to 35 ft	25 down to 12 ft	25 down to 12 ft	25 down to 12 ft		
Edge of fill extension -- Coastal wetlands, special freshwater wetlands, great ponds, rivers, streams	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]		
Slopes greater than 3:1	10 ft	18 ft	25 ft	N/A	N/A	N/A		
No full basement [e.g. slab, frost wall, columns]	15 down to 7 ft	30 down to 15 ft	40 down to 20 ft	8 down to 5 ft	14 down to 7 ft	20 down to 10 ft	14'	
Full basement [below grade foundation]	20 down to 10 ft	30 down to 15 ft	40 down to 20 ft	8 down to 5 ft	14 down to 7 ft	20 down to 10 ft		
Property lines	10 down to 5 ft [c]	18 down to 9 ft [c]	20 down to 10 ft [c]	10 down to 4 ft [c]	15 down to 7 ft [c]	20 down to 10 ft [c]		0'
Burial sites or graveyards, measured from the down toe of the fill extension	25 ft	25 ft	25 ft	25 ft	25 ft	25 ft		

OTHER
 1. Fill extension Grade - to 3:1 - where necessary to keep fill from crossing property line.
 2.
 3.

Footnotes: [a.] Single-family well setbacks may be reduced as prescribed in Section 701.2.
 [b.] This distance may be reduced to 25 feet, if the septic or holding tank is tested in the plumbing inspector's presence and shown to be watertight or of monolithic construction.
 [c.] Additional setbacks may be needed to prevent fill material extensions from encroaching onto abutting property.
 [d.] Additional setbacks may be required by local Shoreland zoning.
 [e.] Natural Resource Protection Act requires a 25 feet setback, on slopes of less than 20%, from the edge of soil disturbance and 100 feet on slopes greater than 20%. See Chapter 15.
 [f.] May not be any closer to neighbors well than the existing disposal field or septic tank unless written permission is granted by the neighbor. This setback may be reduced for single family houses with Department approval. See Section 702.3.
 [g.] The fill extension shall reach the existing ground before the 3:1 slope or within 100 feet of the disposal field.
 [h.] See Section 1402.10 for special procedures when these minimum setbacks cannot be achieved.

Andrew Gabel

 SITE EVALUATOR'S SIGNATURE

9/18/05

 DATE

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

 SIGNATURE OF THE DEPARTMENT

 DATE

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10
 (207) 287-5872 Fax: (207) 287-3185

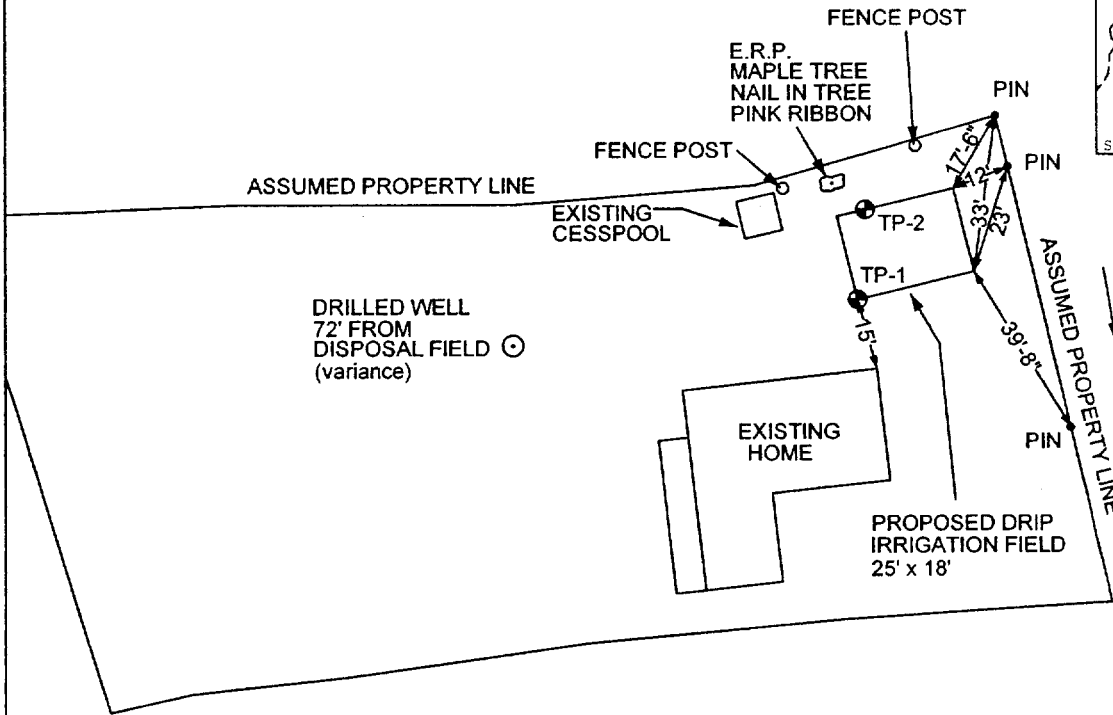
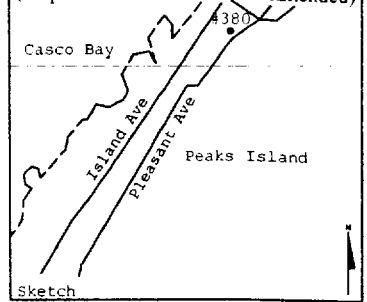
Town, City, Plantation
Peaks Island, Portland

Street, Road, Subdivision
380 Pleasant Avenue

Owner or Applicant Name
Axiotis, Chrissy

SITE PLAN Scale 1" = 40 ft.

SITE LOCATION PLAN
 (map from Maine Atlas recommended)



SOIL PROFILE DESCRIPTION AND CLASSIFICATION

(Location of Observation Holes Shown Above)

Observation Hole # TP-1 Test Pit Boring

4 " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0	Sandy Loam	Friable	Gray	0"
6	Bedrock			Common/ Distinct
12				
18				
24				
30				
36				
42				
48				

Soil Profile 2 Classification A/E Slope _____ Limiting Factor 0" Groundwater Restrictive Layer Bedrock

Observation Hole # TP-2 Test Pit Boring

2 " Depth of organic horizon above mineral soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0	Fine Sandy Loam	Friable	Dark Brown	0"
6	Fine Sand to Fine Loamy Sand		Gray	Common/ Distinct
12				
18			Brown to Dark Brown	
24	Bedrock			
30				
36				
42				
48				

Soil Profile 2 Classification E/AIII Slope _____ Limiting Factor 0" Groundwater Restrictive Layer Bedrock

Andrew Dahl
 Site Evaluator Signature

#370
 SE #

9/18/2005
 Date

Page 2 of 3
 HHE-200 Rev. 10/02

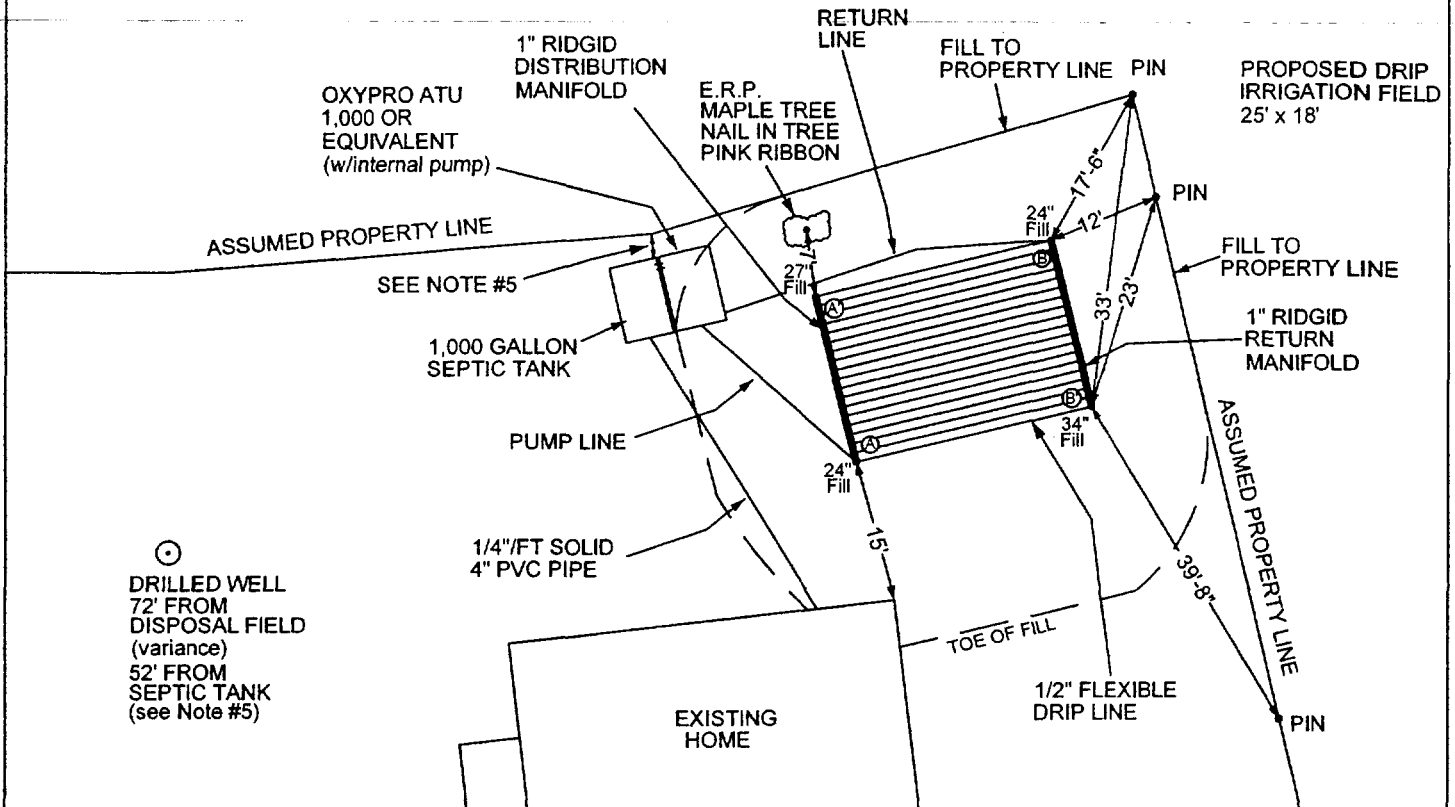
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10
 (207) 287-5872 Fax: (207) 287-3165

Town, City, Plantation: Peaks Island, Portland Street, Road, Subdivision: 380 Pleasant Avenue Owner or Applicant Name: Axiotis, Chrissy

SUBSURFACE WASTEWATER DISPOSAL PLAN

Scale: 1" = 20 ft.



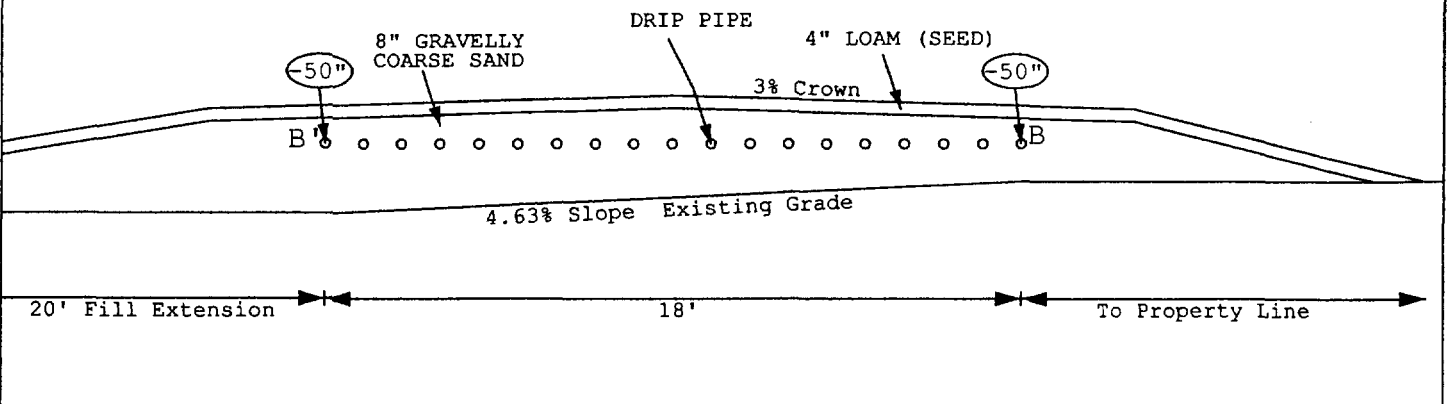
BACKFILL REQUIREMENTS	CONSTRUCTION ELEVATIONS	ELEVATION REFERENCE POINT
Depth of Backfill (upslope) <u>24"</u>	Finished Grade Elevation (at Row 1) <u>see below</u>	Location & Description: <u>Maple tree.</u>
Depth of Backfill (downslope) <u>34"</u>	Top of Proprietary Device (at Row 1) <u>see below</u>	<u>Nail in tree (see above).</u>
DEPTHS AT CROSS-SECTION (shown below)	Bottom of Disposal Field (at Row 1) <u>see below</u>	Reference Elevation is: <u>0.0"</u> or: <u>X</u>

NOTE: SCARIFY ALL GROUND TO BE FILLED. USE GRAVELLY COARSE SAND WITHIN 3' OF CHAMBERS. REMAINING FILL: LOAMY SAND (no clay)

DISPOSAL FIELD CROSS SECTION

ELEVATION OF GEOFLOW	
A	<u>-37"</u>
A'	<u>-44"</u>
B	<u>-50"</u>
B'	<u>-50"</u>

Scales:
 Vertical: 1" = 5 ft.
 Horizontal: 1" = 5 ft.



NOTES:

1. Use 3:1 slope fill extension where required to keep the fill on the property (variance approval required). Fill extents must be a minimum of a 4:1 slope where possible and also a minimum of the fill extents as drawn on page 3 of the HHE-200 permit application form. Additional fill may be placed during installation as a preventative measure against effluent breakout, particularly in locations where the toe of the fill may end at exposed bedrock.
2. Existing well is 72' from the proposed disposal field (requires variance approval from the Local Plumbing Inspector (LPI)). Resident of home, Sophia West, was notified that the proximity of the well to the disposal field might increase the potential of well contamination.
3. Property lines must be confirmed before installation. Disposal field must be located at least 10' from the property lines and fill extension shall not extend beyond the property line. If actual property line location is less than 10' from the proposed disposal field, The HHE-200 permit application will require modification or a variance must be requested.
4. Insulate the return line, pump line, distribution manifold, and return manifold.
5. Since the lot consists primarily of shallow bedrock, it is proposed that the septic tank and OXYPRO ATU 1,000 tank be placed in the location of the cesspool (if feasible). Blasting or hammering of the bedrock may be required to install the septic tank and OXYPRO tank to the elevation required to receive gravity feed from the existing home to the septic tank. The septic tank may be placed a minimum of 25 feet from the existing drilled well if it is proved to be monolithic or watertight in the presence of the LPI. A variance of the minimum separation between the septic tank and the property line has been requested for 0' (requires variance approval from the State of Maine Department of Human Services, Division of Health Engineering). The intent is to locate the septic tank in the location of the exiting cesspool. The actual property line in the vicinity of the existing cesspool is unknown, but is believed to be close and possibly abutting the cesspool. The property line must be verified before installation.
6. When preparing the base of the disposal field, remove all of the organic horizon down to the top of the mineral soil surface beneath the entire area to be filled.



STATE OF MAINE
DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF HEALTH ENGINEERING
286 WATER STREET
AUGUSTA, MAINE

JOHN ELIAS BALDACCI
GOVERNOR

04333-0011

JOHN R. NICHOLAS
COMMISSIONER

October 6, 2005

Chrissy Axiotis
c/o George Blood
121 Pleasant Avenue
Peaks Island, ME 04108

SUBJECT: Approval, Replacement System Variance Request, Axiotis property, Peaks Island

Dear Ms. Axiotis:

The Division has reviewed a replacement system variance request for the subject property. The state variance requested is to install the system with a setback distance reduction from your well to the disposal field of 72 feet, a setback distance reduction from a slab, frost wall, or columns to the disposal field of 14 feet, a setback distance reduction from a property line to the septic tank of 0 feet, a reduction in depth to the seasonal high ground water table from 12 inches to 0 inches, a reduction in depth to bedrock from 24 inches to 1 inch, and a fill extension grade to 3:1 as needed to keep fill from crossing the property lines. As we understand the situation, the variance request has been submitted because topography and existing development limit the potential system location. The system design prepared by Andrew Gobeil, SE, dated 09/18/2005 is otherwise found to be in compliance with the Maine Subsurface Wastewater Disposal Rules.

We approve the requested variance with the following requirements:

1. A permit for system installation is to be obtained from the Local Plumbing Inspector in advance of the start of system construction.
2. The system is to be installed in accordance with the submitted and approved system design. Should alterations to the design be required at the time of construction, the site evaluator is to be notified prior to making any changes.
3. The contractor is to scarify the soils under the fill extensions to create a transitional zone more compatible with the disposal field area.
4. The septic tank to be installed shall be monolithic.
5. No fill shall cross over the property lines unless a legal easement is granted by the abutting property owners.

By accepting this approval and the associated plumbing permit, the owner agrees to comply fully with the conditions of approval and the Subsurface Wastewater Rules.

Because installation and owner maintenance has a significant effect on the working order of onsite sewage disposal systems, including their components, the Division makes no representation or guarantee as to the efficiency and/or operation of the system.

Should you or others have any questions, please feel free to contact me at (207) 287-5687.

Sincerely,

Jennifer E. Sanborn, Environmental Specialist II
Wastewater and Plumbing Control Program
Division of Health Engineering
e-mail: Jennifer.E.Sanborn@maine.gov

/jes

xc: File
Mike Nugent, LPI
Andrew Gobeil, SE

JENNIFER SANBORN
REPLACEMENT SYSTEM VARIANCE REQUEST

FORMS

287-56 87-3165

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 are met, and the variance(s) requested fall within the limits of LPI's authority.

RECEIVED

1. The proposed design meets the definition of a Replacement System as defined in the Rules (Sec. 2006)
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 collect and dispose of the wastewater.
4. The BOD5 plus S.S. content of the wastewater is no greater than that of normal domestic effluent.

OCT 04 2005

GENERAL INFORMATION	WASTEWATER & PLUMBING PROGRAM
Permit No. _____	Date Permit Issued _____
Property Owner's Name: <u>Chrissy Axiotis</u>	Tel. No.: <u>766-5983 (George Blvd)</u>
System's Location: <u>380 Pleasant Avenue, Peaks Island</u>	
Property Owner's Address: <u>c/o George Blvd, 121 Pleasant Ave, Peaks Island,</u>	
(if different from above) <u>ME 04108</u>	

Call # 409 0014
Not a good location connected

SPECIFIC INSTRUCTIONS TO THE:
LOCAL PLUMBING INSPECTOR (LPI):
If any of the variances exceed your approval authority and/or do not meet all of the requirements listed under the Limitations Section above, then you are to send this Replacement System Variance Request, along with the Application, to the Department for review and approval consideration before issuing a Permit. (See reverse side for Comments Section and your signature.)

SITE EVALUATOR:
If after completing the Application, you find that a variance for the proposed replacement system is needed, complete the Replacement Variance Request with your signature on reverse side of form.

PROPERTY OWNER:
If has been determined by the Site Evaluator that a variance to the Rules is required for the proposed replacement system. This variance request is due to physical limitations of the site and/or soil conditions. Both the Site Evaluator and the LPI have considered the site/soil restrictions and have concluded that a replacement system in total compliance with the Rules is not possible.

PROPERTY OWNER
I understand that the proposed system requires a variance to the Rules. Should the proposed system malfunction, I release all concerned provided they have performed their duties in a reasonable and proper manner, and I will promptly notify the Local Plumbing Inspector and make any corrections required by the Rules. By signing the variance request form, I acknowledge permission for representatives of the Department to enter onto the property to perform such duties as may be necessary to evaluate the variance request.

Chrissy Axiotis
SIGNATURE OF OWNER

9-26-2005
DATE

LOCAL PLUMBING INSPECTOR
I, MIKE NUGENT, the undersigned, _____ have determined to the best of my knowledge that it cannot be installed in compliance with the Rules. As a result of my review of the Replacement Variance Request, the Application, and my on-site investigation, I (check and complete either a or b):

a. (approve, disapprove) the variance request based on my authority to grant this variance. Note: If the LPI does not give his approval, he shall list his reasons for denial in Comments Section below and return to the applicant. -OR-

b. find that one or more of the requested Variances exceeds my approval authority as LPI. I (recommend, do not recommend) the Department's approval of the variances. Note: If the LPI does not recommend the Department's approval, the reasons shall be stated in Comments Section below as to why the proposed replacement system is not being recommended.

Comments: No PRACTICAL LOCATION FOR TANK

Mike Nugent 0640
LPI SIGNATURE

10/3/05
DATE

HHE-204 Rev 10-01

FORMS
Replacement System Variance Request

VARIANCE CATEGORY	LIMIT OF LPI'S APPROVAL AUTHORITY						VARIANCE REQUESTED TO:	
	Ground Water Table			Restrictive Layer			to 12"	
SOILS								
Soil Profile	Ground Water Table						to 7" inches	
Soil Condition from IIIHE-200	Restrictive Layer						to 7" inches	
	Bedrock						to 12" inches	
SETBACK DISTANCES (in feet)	Disposal Fields			Septic Tanks			Disposal Fields	Septic Tanks
From	Less than 1000 gpd	1000 to 2000 gpd	Over 2000 gpd	Less than 1000 gpd	1000 to 2000 gpd	Over 2000 gpd	To	To
Wells with water usage of 2000 or more gpd or public water supply wells	300 ft [a]	300 ft [a]	300 ft [a]	100 ft [a]	100 ft [a]	100 ft [a]		
Owner's wells	100 down to 60 ft	200 down to 100 ft	300 down to 150 ft	100 down to 50 ft [b]	100 down to 50 ft	100 down to 50 ft	72'	
Neighbor's wells	100 down to 60 ft [b]	200 down to 120 ft [b]	300 down to 180 ft [b]	100 down to 50 ft [b]	100 down to 75 ft [b]	100 down to 75 ft [b]		
Water supply line	10 ft [a]	20 ft [a]	25 ft [a]	10 ft [a]	10 ft [a]	10 ft [a]		
Water course, major - for replacements only, see Table 400.4 for major expansions	100 down to 60 ft	200 down to 120 ft	300 down to 180 ft	100 down to 50 ft	100 down to 50 ft	100 down to 50 ft		
Water course, minor	50 down to 25 ft	100 down to 50 ft	150 down to 75 ft	50 down to 25 ft	50 down to 25 ft	50 down to 25 ft		
Drainage ditches	25 down to 12 ft	50 down to 25 ft	75 down to 35 ft	25 down to 12 ft	25 down to 12 ft	25 down to 12 ft		
Edge of fill extension - Coastal wetlands, special freshwater wetlands, great ponds, rivers, streams	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]	25 ft [d]		
Slopes greater than 3:1	10 ft	18 ft	25 ft	N/A	N/A	N/A		
No full basement (e.g. slab, front wall, columns)	15 down to 7 ft	30 down to 15 ft	40 down to 20 ft	8 down to 5 ft	14 down to 7 ft	20 down to 10 ft	14'	
Full basement (below grade foundation)	20 down to 10 ft	30 down to 15 ft	40 down to 20 ft	8 down to 5 ft	14 down to 7 ft	20 down to 10 ft		
Property lines	10 down to 5 ft [c]	18 down to 9 ft [c]	20 down to 10 ft [c]	10 down to 4 ft [e]	15 down to 7 ft [e]	20 down to 10 ft [e]		0'
Rural sites or graveyards, measured from the down toe of the fill extension	25 ft	25 ft	25 ft	25 ft	25 ft	25 ft		
OTHER								
1. Fill extension Grade - to 3:1 - where necessary to keep fill from crossing								
2. property line.								
3.								

Footnotes: [a.] Single-family well setbacks may be reduced as prescribed in Section 701.2.
 [b.] This distance may be reduced to 25 feet, if the septic or holding tank is tested in the plumbing inspector's presence and shown to be watertight or of monolithic construction.
 [c.] Additional setbacks may be needed to prevent fill material extensions from encroaching onto abutting property.
 [d.] Additional setbacks may be required by local Shoreland zoning.
 [e.] Natural Resource Protection Act requires a 25 feet setback, on slopes of less than 20%, from the edge of soil disturbance and 100 feet on slopes greater than 20%. See Chapter 15.
 [f.] May not be any closer to neighbors well than the existing disposal field or septic tank unless written permission is granted by the neighbor. This setback may be reduced for single family houses with Department approval. See Section 702.3.
 [g.] The fill extension shall reach the existing ground before the 3:1 slope or within 100 feet of the disposal field.
 [h.] See Section 1402.10 for special procedures when these minimum setbacks cannot be achieved.

Andrew G. Gind
SITE EVALUATOR'S SIGNATURE

9/18/05
DATE

FOR USE BY THE DEPARTMENT ONLY

The Department has reviewed the variance(s) and does does not give its approval. Any additional requirements, recommendations, or reasons for the Variance denial are given in the attached letter.

Semir D. Debern
SIGNATURE OF THE DEPARTMENT

16 Oct 05
DATE