

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. Health & Human Services
Div. of Environmental Health, 11 SHS
(207) 287-5672 FAX (207) 287-3165

PROPERTY LOCATION

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

City, Town, or Plantation: **PORTLAND, LITTLE DIAMOND ISLAND**

Street or Road: **16 FESSENDEN AVENUE**

Subdivision, Lot #:

GA 11798

The Subsurface Wastewater Disposal System *shall not* be installed until a Permit is attached HERE by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.

OWNER/APPLICANT INFORMATION

Name (last, first, MI): **WALCH PETER** Owner Applicant

Mailing Address of Owner/Applicant: **52 SAINT LAWRENCE STREET PORTLAND, ME 04101**

Daytime Tel. #: **233-6029**

Municipal Tax Map # **105** Lot # **R-22**

OWNER OR APPLICANT STATEMENT

CAUTION: INSPECTION REQUIRED

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.

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

[Signature]
Signature of Owner/Applicant

2 July 2011
Date

Local Plumbing Inspector Signature

(1st) Date Approved

(2nd) Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION N/A <input type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System Type Replaced: _____ Year Installed: _____ <input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. <25% Expansion <input type="checkbox"/> b. ≥25% Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion	THIS APPLICATION REQUIRES <input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit	DISPOSAL SYSTEM COMPONENTS <input type="checkbox"/> 1. Complete Non-Engineered System <input type="checkbox"/> 2. Primitive System (graywater & a/c toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input checked="" type="checkbox"/> 4. Non-Engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-Engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000gpd+) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components
SIZE OF PROPERTY 0.38+/- <input type="checkbox"/> SQ. FT. <input checked="" type="checkbox"/> ACRES	DISPOSAL SYSTEM TO SERVE <input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: 4 <input type="checkbox"/> 2. Multiple Family Dwelling, No of Units: _____ <input type="checkbox"/> 3. Other: _____ (specify) Current Use <input checked="" type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input type="checkbox"/> Undeveloped	TYPE OF WATER SUPPLY <input type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input checked="" type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other: _____
SHORELAND ZONING <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK <input type="checkbox"/> 1. Concrete <input type="checkbox"/> a. Regular <input type="checkbox"/> b. Low Profile <input checked="" type="checkbox"/> 2. Plastic <input type="checkbox"/> 3. Other: _____ CAPACITY: 1000 GAL.	DISPOSAL FIELD TYPE & SIZE <input type="checkbox"/> 1. Stone Bed <input type="checkbox"/> 2. Stone Trench <input type="checkbox"/> 3. Proprietary Device <input type="checkbox"/> a. Cluster array <input type="checkbox"/> c. Linear <input type="checkbox"/> b. Regular <input type="checkbox"/> d. H-20 loaded <input type="checkbox"/> 4. Other: _____ SIZE: _____ sq. ft. <input type="checkbox"/> in. ft. N/A	GARBAGE DISPOSAL UNIT <input type="checkbox"/> 1. No <input type="checkbox"/> 2. Yes <input type="checkbox"/> 3. Maybe If Yes or Maybe, specify one below: <input type="checkbox"/> a. Multi-compartment tank <input type="checkbox"/> b. _____ tanks in series <input type="checkbox"/> c. Increase in tank capacity <input type="checkbox"/> d. Filter on tank outlet N/A	DESIGN FLOW 360 gallons per day BASED ON: <input checked="" type="checkbox"/> 1. Table 4A (dwelling unit(s)) <input type="checkbox"/> 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities SINGLE-FAMILY DWELLING 4 BEDROOMS AT 90 GPD EACH
SOIL DATA & DESIGN CLASS PROFILE N/A CONDITION N/A at Observation Hole # N/A Depth N/A " of Most Limiting Soil Factor	DISPOSAL FIELD SIZING N/A <input type="checkbox"/> 1. Medium - 2.6 sq.ft./gpd <input type="checkbox"/> 2. Medium-Large - 3.3 sq.ft./gpd <input type="checkbox"/> 3. Large - 4.1 sq.ft./gpd <input type="checkbox"/> 4. Extra-Large - 5.0 sq.ft./gpd	EFFLUENT/EJECTOR PUMP N/A <input type="checkbox"/> 1. Not required <input type="checkbox"/> 2. May be required <input type="checkbox"/> 3. Required Specify only for engineered systems: DOSE: _____ gallons	<input type="checkbox"/> 3. Section 4G (meter readings) ATTACH WATER-METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. 43 d 39 m 50 s Lon. 70 d 12 m 37 s if g.p.s., state margin of error

SITE EVALUATOR STATEMENT

I Certify that on **6-22-11** (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed system is in compliance with the Subsurface Wastewater Disposal Rules (10-144A, CMR 241).

Albert Frick
Site Evaluator Signature

163
SE #

7/8/2011
Date

ALBERT FRICK

(207) 839-5563

albert@albertfrick.com

Site Evaluator Name Printed Telephone Number E-mail Address

ALBERT FRICK ASSOCIATES - 95A COUNTY ROAD ROAD GORHAM, MAINE 04038 - (207) 839-5563
Note: Changes to or deviations from the design should be confirmed with the Site Evaluator

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Department of Human Services
 Division of Health Engineering, Station 10 SHS
 (207) 287-5672 FAX (207) 287-4172

Town, City, Plantation PORTLAND, LITTLE DIAMOND ISLAND	Street, Road Subdivision 16 FESSENDEN AVENUE	Owner's Name PETER WALCH
<div style="display: flex; justify-content: space-between;"> SITE PLAN Scale 1" = <u>50</u> Ft. or as shown </div>		SITE LOCATION PLAN (Attach Map from Maine Atlas for New System Variance)
APPROXIMATE EXISTING DISPOSAL AREA	EXISTING DWELLING	PROPOSED 1000 GALLON PLASTIC SEPTIC TANK. SET AT HIGH ENOUGH ELEVATION TO ASSURE GRAVITY FLOW. LOCATE TANK 8' MIN. FROM DWELLING & 10' MIN. FROM PROPERTY LINE

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole _____ Test Pit Boring
 _____ " Depth of Organic Horizon Above Mineral Soil

	Texture	Consistency	Color	Mottling
0				
10				
20				
30				
40				
50				

N/A

Soil Classification	Slope	Limiting Factor	<input type="checkbox"/> Ground Water	<input type="checkbox"/> Restrictive Layer	<input type="checkbox"/> Bedrock	<input type="checkbox"/> Pit Depth
Profile _____ Condition _____	_____ %	_____				

Observation Hole _____ Test Pit Boring
 _____ " Depth of Organic Horizon Above Mineral Soil

	Texture	Consistency	Color	Mottling
0				
10				
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Soil Classification	Slope	Limiting Factor	<input type="checkbox"/> Ground Water	<input type="checkbox"/> Restrictive Layer	<input type="checkbox"/> Bedrock	<input type="checkbox"/> Pit Depth
Profile _____ Condition _____	_____ %	_____				

Albert Frick
 Site Evaluator Signature

163
 SE #

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 Date

BUILDING PERMIT INSPECTION PROCEDURES

Please call 874-8703 or 874-8693(ONLY)

Or email buildinginspections@portlandmaine.gov

With the issuance of this permit, the owner, builder or their designee is required to provide adequate notice to the City of Portland Inspection Services for the following inspections. Appointments must be requested 48 to 72 hours in advance of the required inspection. The inspection date will need to be confirmed by this office.

Please read the conditions of approval that is attached to this permit!! Contact this office if you have any questions.

Permits expire in 24 months, if the project is not started or ceases for 24 months.

If the inspection requirements are not followed as stated below additional fees may be incurred due to the issuance of a "Stop Work Order" and subsequent release to continue with construction.

- 1. Septic field and extension inspection for bottom preparation/ scarification to verify removal of vegetation, established transitional horizon and erosion and sedimentation control measures.**
- 2. Backfill inspection of septic field for approved materials, stabilization, slopes and extensions.**
- 3. Exposed septic field installation and tank location inspection to check elevations, dimensions, piping, plumbing station and system design prior to covering.**

The project cannot move to the next phase prior to the required inspection and approval to continue, REGARDLESS OF THE NOTICE OR CIRCUMSTANCES.

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VA Fessenden Ave

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Street or Road	16 FESSENDEN AVENUE	
Subdivision, Lot #		
OWNER/APPLICANT INFORMATION		The Subsurface Wastewater Disposal System <i>shall not</i> be installed until a Permit is attached HERE by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with this application and the Maine Subsurface Wastewater Disposal Rules.
Name (last, first, MI)	WALCH PETER <input checked="" type="checkbox"/> Owner <input type="checkbox"/> Applicant	
Mailing Address of Owner/Applicant	52 SAINT LAWRENCE STREET PORTLAND, ME 04101	
Daytime Tel. #	233-6029	
	Municipal Tax Map # <u>105</u> Lot # <u>R-22</u>	

<p style="text-align: center;"><u>OWNER OR APPLICANT STATEMENT</u></p> <p>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.</p> <p><i>[Signature]</i> Signature of Owner/Applicant</p> <p><u>2.5 July 2011</u> Date</p>	<p style="text-align: center;"><u>CAUTION: INSPECTION REQUIRED</u></p> <p>I have inspected the installation authorized above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application.</p> <p>_____ Local Plumbing Inspector Signature</p> <p>_____ (1st) Date Approved</p> <p>_____ (2nd) Date Approved</p>
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PERMIT INFORMATION		
<p>TYPE OF APPLICATION N/A</p> <p><input type="checkbox"/> 1. First Time System <input type="checkbox"/> 2. Replacement System</p> <p>Type Replaced: _____ Year installed: _____</p> <p><input type="checkbox"/> 3. Expanded System <input type="checkbox"/> a. <25% Expansion <input type="checkbox"/> b. ≥25% Expansion <input type="checkbox"/> 4. Experimental System <input type="checkbox"/> 5. Seasonal Conversion</p>	<p>THIS APPLICATION REQUIRES</p> <p><input checked="" type="checkbox"/> 1. No Rule Variance <input type="checkbox"/> 2. First Time System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 3. Replacement System Variance <input type="checkbox"/> a. Local Plumbing Inspector Approval <input type="checkbox"/> b. State & Local Plumbing Inspector Approval <input type="checkbox"/> 4. Minimum Lot Size Variance <input type="checkbox"/> 5. Seasonal Conversion Permit</p>	<p>DISPOSAL SYSTEM COMPONENTS</p> <p><input type="checkbox"/> 1. Complete Non-Engineered System <input type="checkbox"/> 2. Primitive System (graywater & alt toilet) <input type="checkbox"/> 3. Alternative Toilet, specify: _____ <input checked="" type="checkbox"/> 4. Non-Engineered Treatment Tank (only) <input type="checkbox"/> 5. Holding Tank, _____ gallons <input type="checkbox"/> 6. Non-Engineered Disposal Field (only) <input type="checkbox"/> 7. Separated Laundry System <input type="checkbox"/> 8. Complete Engineered System (2000gpd+) <input type="checkbox"/> 9. Engineered Treatment Tank (only) <input type="checkbox"/> 10. Engineered Disposal Field (only) <input type="checkbox"/> 11. Pre-treatment, specify: _____ <input type="checkbox"/> 12. Miscellaneous components</p>
<p>SIZE OF PROPERTY 0.38+/- <input type="checkbox"/> SQ. FT. <input checked="" type="checkbox"/> ACRES</p>	<p>DISPOSAL SYSTEM TO SERVE</p> <p><input checked="" type="checkbox"/> 1. Single Family Dwelling Unit, No. of Bedrooms: 4 <input type="checkbox"/> 2. Multiple Family Dwelling, No of Units: _____ <input type="checkbox"/> 3. Other: _____ (specify)</p> <p>Current Use <input checked="" type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input type="checkbox"/> Undeveloped</p>	<p>TYPE OF WATER SUPPLY</p> <p><input type="checkbox"/> 1. Drilled Well <input type="checkbox"/> 2. Dug Well <input type="checkbox"/> 3. Private <input checked="" type="checkbox"/> 4. Public <input type="checkbox"/> 5. Other: _____</p>
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DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)			
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<p>SOIL DATA & DESIGN CLASS PROFILE N/A / CONDITION N/A</p> <p>at Observation Hole # N/A Depth N/A " at Most Limiting Soil Factor</p>	<p>DISPOSAL FIELD SIZING N/A</p> <p><input type="checkbox"/> 1. Medium - 2.6 sq.ft./gpd <input type="checkbox"/> 2. Medium-Large - 3.3 sq.ft./gpd <input type="checkbox"/> 3. Large - 4.1 sq.ft./gpd <input type="checkbox"/> 4. Extra-Large - 5.0 sq.ft./gpd</p>	<p>EFFLUENT/EJECTOR PUMP N/A</p> <p><input type="checkbox"/> 1. Not required <input type="checkbox"/> 2. May be required <input type="checkbox"/> 3. Required</p> <p>Specify only for engineered systems: DOSE: _____ gallons</p>	

SITE EVALUATOR STATEMENT		
I Certify that on <u>6-22-11</u> (date) I completed a site evaluation on this property and state that the data reported is accurate and that the proposed system is in compliance with the Subsurface Wastewater Disposal Rules (10-144A CMR 241).		
<p><i>[Signature]</i> Site Evaluator Signature</p> <p>ALBERT FRICK Site Evaluator Name Printed</p>	<p><u>163</u> SE #</p> <p><u>(207) 839-5563</u> Telephone Number</p>	<p><u>7/8/2011</u> Date</p> <p><u>albert@albertfrick.com</u> E-mail Address</p>
ALBERT FRICK ASSOCIATES - 95A COUNTY ROAD ROAD GORHAM, MAINE 04038 - (207) 839-5563 Note: Changes to or deviations from the design should be confirmed with the Site Evaluator		

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SITE PLAN Scale 1" = **50** Ft. or as shown

SITE LOCATION PLAN
(Attach Map from Maine Atlas for New System Variance)

EXISTING DWELLING

APPROXIMATE EXISTING DISPOSAL AREA

FESSENDEN AVENUE

PROPOSED 1000 GALLON PLASTIC SEPTIC TANK. SET AT HIGH ENOUGH ELEVATION TO ASSURE GRAVITY FLOW. LOCATE TANK 8' MIN. FROM DWELLING & 10' MIN. FROM PROPERTY LINE

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole _____ Test Pit Boring
_____ " Depth of Organic Horizon Above Mineral Soil

Texture	Consistency	Color	Mottling
0			
10			
20			
30			
40			
50			

N/A

Soil Classification	Slope	Limiting Factor	<input type="checkbox"/> Ground Water
Profile _____ Condition _____	_____ %	_____	<input type="checkbox"/> Restrictive Layer
			<input type="checkbox"/> Bedrock
			<input type="checkbox"/> Pit Depth

Observation Hole _____ Test Pit Boring
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Texture	Consistency	Color	Mottling
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Albert Frick
Site Evaluator Signature

163
SE #

7/8/2011
Date

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