

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION		>> Caution: Permit Required - Attach In Space Below <<	
City, Town, or Plantation	PORTLAND (LITTLE DIAMOND ISLAND)	2010-6018 PORTLAND PERMIT # 11589 TOWN COPY Date Permit Issued: 2/1/11 \$ 100 <input type="checkbox"/> Double Fee Charged Local Plumbing Inspector Signature: <i>James Bunk</i> L.P.I. # 0732	
Street or Road	ROCK LEDGE AVENUE		
Subdivision, Lot *	LOT 9		
OWNER/APPLICANT INFORMATION		Municipal Tax Map * 105 Lot * J-9	
Name (last, first, MI)	SHAW MARJORIE	Owner Applicant	
Mailing Address of	VAN DAM ARCHITECTS		
<input type="checkbox"/> Owner <input type="checkbox"/> Applicant	66 WEST STREET PORTLAND, ME. 04102		
Daytime Tel *	775-0443		
Owner or Applicant Statement		Caution: Inspections 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 of Owner/Applicant: <i>Marjorie Shaw (WR Const.)</i> Date: NOV 10		Local Plumbing Inspector Signature: _____ Date Approved: _____	

PERMIT INFORMATION			
TYPE OF APPLICATION 1. <input checked="" type="checkbox"/> First Time System 2. <input type="checkbox"/> Replacement System Type Replaced: _____ Year Installed: _____ 3. <input type="checkbox"/> Expanded System a. <input type="checkbox"/> Minor Expansion b. <input type="checkbox"/> Major Expansion 4. <input type="checkbox"/> Experimental System 5. <input type="checkbox"/> Seasonal Conversion	THIS APPLICATION REQUIRES 1. <input checked="" type="checkbox"/> No Rule Variance 2. <input type="checkbox"/> First Time System Variance a. <input type="checkbox"/> Local Plumbing Inspector Approval b. <input type="checkbox"/> State & Local Plumbing Inspector Approval 3. <input type="checkbox"/> Replacement System Variance a. <input type="checkbox"/> Local Plumbing Inspector Approval b. <input type="checkbox"/> State & Local Plumbing Inspector Approval 4. <input type="checkbox"/> Minimum Lot Size Variance 5. <input type="checkbox"/> Seasonal Conversion Approval	DISPOSAL SYSTEM COMPONENTS 1. <input checked="" type="checkbox"/> Complete Non-Engineered System 2. <input type="checkbox"/> Primitive System (graywater & air toilet) 3. <input type="checkbox"/> Alternative Toilet, specify: _____ 4. <input type="checkbox"/> Non-Engineered Treatment Tank (only) 5. <input type="checkbox"/> Holding Tank, _____ Gallons 6. <input type="checkbox"/> Non-Engineered Disposal Field (only) 7. <input type="checkbox"/> Separated Laundry System 8. <input type="checkbox"/> Complete Engineered System (2000 gpd) 9. <input type="checkbox"/> Engineered Treatment Tank (only) 10. <input type="checkbox"/> Engineered Disposal Field (only) 11. <input type="checkbox"/> Pre-treatment, specify: _____ 12. <input type="checkbox"/> Miscellaneous components	
SIZE OF PROPERTY 1.70 +/- <input type="checkbox"/> sq. ft. <input type="checkbox"/> acres	DISPOSAL SYSTEM TO SERVE 1. <input checked="" type="checkbox"/> Single Family Dwelling Unit, No. of Bedrooms: <u>6</u> 2. <input type="checkbox"/> Multiple Family Dwelling, No. of Units: _____ 3. <input type="checkbox"/> Other: _____ SPECIFY Current Use <input type="checkbox"/> Seasonal <input type="checkbox"/> Year Round <input checked="" type="checkbox"/> Undeveloped	TYPE OF WATER SUPPLY 1. <input type="checkbox"/> Drilled Well 2. <input type="checkbox"/> Dug Well 3. <input type="checkbox"/> Private 4. <input checked="" type="checkbox"/> Public 5. <input type="checkbox"/> Other	
SHORELAND ZONING <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)		

TREATMENT TANK 1. <input checked="" type="checkbox"/> Concrete a. <input checked="" type="checkbox"/> Regular b. <input type="checkbox"/> Low Profile 2. <input type="checkbox"/> Plastic 3. <input type="checkbox"/> Other: _____ CAPACITY <u>2-1000</u> gallons (IN SERIES)	DISPOSAL FIELD TYPE & SIZE 1. <input type="checkbox"/> Stone Bed 2. <input type="checkbox"/> Stone Trench 3. <input checked="" type="checkbox"/> Proprietary Device a. <input type="checkbox"/> Cluster array c. <input checked="" type="checkbox"/> Linear b. <input checked="" type="checkbox"/> Regular d. <input type="checkbox"/> H-20 loaded 4. <input type="checkbox"/> Other: _____ SIZE <u>1872</u> sq. ft. <input type="checkbox"/> lin. ft. 39 ELJEN IN-DRAIN UNITS	GARBAGE DISPOSAL UNIT 1. <input type="checkbox"/> No 3. <input type="checkbox"/> Maybe 2. <input checked="" type="checkbox"/> Yes >> Specify one below: a. <input type="checkbox"/> Multi-compartment tank b. <input checked="" type="checkbox"/> <u>2</u> tanks in series c. <input type="checkbox"/> Increase in tank capacity d. <input type="checkbox"/> Filter on tank outlet	DESIGN FLOW 540 gallons per day BASED ON: 1. <input type="checkbox"/> Table 501.1 (dwelling unit(s)) 2. <input type="checkbox"/> Table 501.2 (other facilities) SHOW CALCULATIONS for other facilities 6 BEDROOMS AT 90 GALLONS PER DAY EACH 3. <input type="checkbox"/> Section 503.0 (meter readings) ATTACH WATER-METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. <u>N 43</u> d <u>40</u> m <u>2</u> s Lon. <u>W 70</u> d <u>12</u> m <u>20</u> s if g.p.s. state margin of error
SOIL DATA & DESIGN CLASS PROFILE <u>3</u> CONDITION <u>AIII/C</u> DESIGN <u>1</u> AT Observation Hole * <u>TP 4 A</u> Depth <u>15</u> " Elevation <u>-60</u> " OF MOST LIMITING SOIL FACTOR	DISPOSAL FIELD SIZING 1. <input type="checkbox"/> Small - 2.0 sq.ft./gpd 2. <input type="checkbox"/> Medium - 2.6 sq.ft./gpd 3. <input checked="" type="checkbox"/> Medium-Large - 3.3 sq.ft./gpd 4. <input type="checkbox"/> Large - 4.1 sq.ft./gpd 5. <input type="checkbox"/> Extra-Large - 5.0 sq.ft./gpd	EFFLUENT/EJECTOR PUMP 1. <input type="checkbox"/> Not required 2. <input type="checkbox"/> May be required 3. <input checked="" type="checkbox"/> Required Specify only for engineered systems DOSE: _____ Gallons	

SITE EVALUATOR STATEMENT

I certify that on 9/23/10 (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).

Site Evaluator Signature: *Albert Frick* SE # 163 Date: 10/22/2010

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

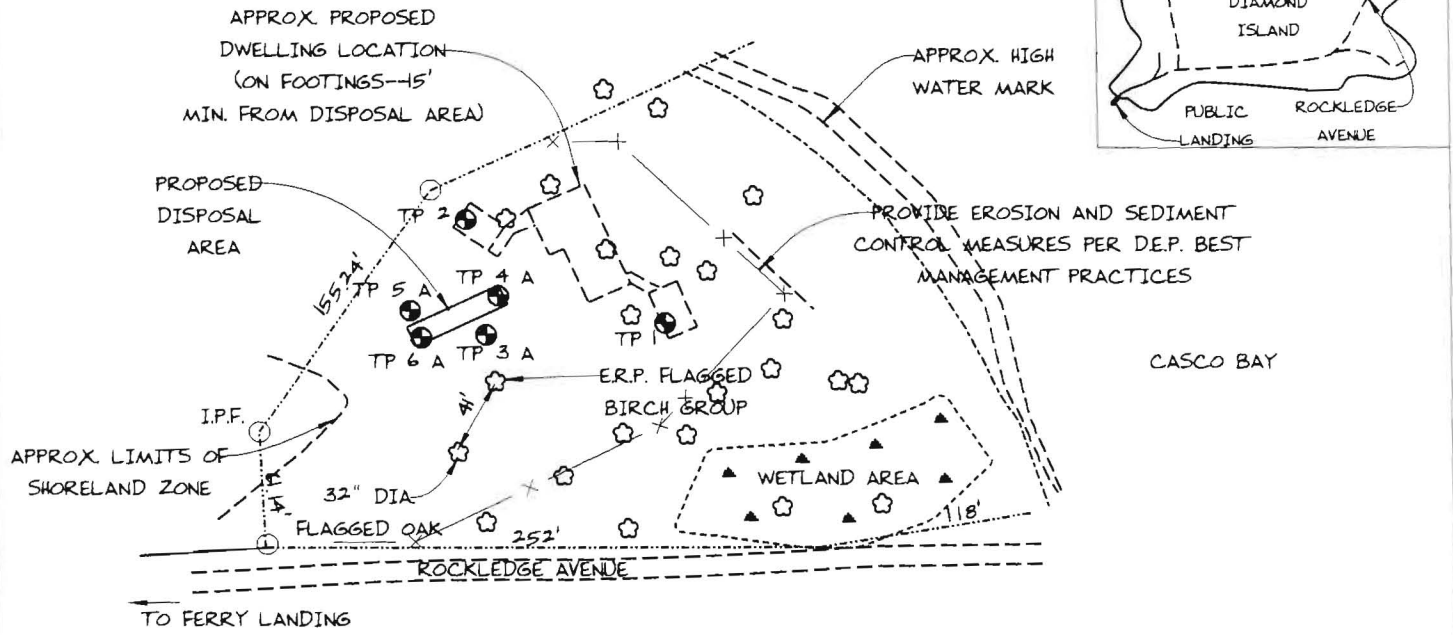
Maine Department of Human Services
 Division of Health Engineering, Station 10, SHS
 (207) 287-5672 FAX (207) 287-4172

Town, City, Plantation: **PORTLAND (LITTLE DIAMOND ISLAND)** Street, Road Subdivision: **ROCKLEDGE AVENUE, LOT 9** Owner's Name: **MARJORIE SHAW**

SITE PLAN Scale 1" = 100 Ft or as shown

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

NOTE : PROPERTY INFORMATION APPROXIMATED PER PLAN BY OWEN HASKELL DATED OCT. 16, 2006 AND SKETCH PLAN BY VAN DAM ARCH.



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

Observation Hole TP 1 Test Pit Boring
 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0			BROWN	
10	SANDY LOAM	FRIABLE		FEW, FAINT COMMON, DISTINCT
20			OLIVE BROWN	FREE WATER
30				
40				
50				

Soil Classification: 2 E Profile Condition
 Slope: 8 %
 Limiting Factor: 8 " Ground Water Restrictive Layer Bedrock Pit Depth

Observation Hole TP 2 Test Pit Boring
 " Depth of Organic Horizon Above Mineral Soil

DEPTH BELOW MINERAL SOIL SURFACE (inches)	Texture	Consistency	Color	Mottling
0			BROWN	
10	SANDY LOAM	FRIABLE	YELLOW BROWN	
20				
30			LIGHT YELLOW BROWN	FEW, FAINT
40		SOMEWHAT FIRM	OLIVE BROWN	
50				

Soil Classification: 3 C Profile Condition
 Slope: 28 %
 Limiting Factor: 28 " Ground Water Restrictive Layer Bedrock Pit Depth

Albert Frick
 Site Evaluator Signature

163
 SE *

10/22/2010
 Date

Page 2 of 3
 HHE-200 Rev 10.02

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 6 months, if the project is not started or ceases for 6 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.**

 X **Backfill inspection of septic field for approved materials, stabilization, slopes and extensions**

 X **Septic field and extension inspection for bottom preparation/scarification to verify removal of vegetation, established transitional horizon and erosion and sedimentation control measures.**

 X **Exposed septic field installation and tank location inspection to check elevations, dimensions, piping, pumping station and system design prior to covering.**

 X **Final inspection required at completion of work.**

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

IF THE PERMIT REQUIRES A CERTIFICATE OF OCCUPANCY, IT MUST BE PAID FOR AND ISSUED TO THE OWNER OR DESIGNEE BEFORE THE SPACE MAY BE OCCUPIED.

City of Portland, Maine - Building or Use Permit

389 Congress Street, 04101 Tel: (207) 874-8703, Fax: (207) 874-8716

Permit No: 20106018	Date Applied For: 11/16/2010	CBL: 105 J009001
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Location of Construction: 0 ROCKLEDGE AVE	Owner Name: Hagge Cyrus Y	Owner Address: 225 Commercial St Ste 502	Phone:
Business Name:	Contractor Name: Hagge Cyrus Y	Contractor Address: 225 Commercial St Ste 502 Portland	Phone
Lessee/Buyer's Name	Phone:	Permit Type: First Time System	

Proposed Use:	Proposed Project Description:
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Dept: Building **Status:** Approved with Conditions **Reviewer:** Jonathan Rioux **Approval Date:** 02/07/2011

Note: **Ok to Issue:**

- 1) Application approval based upon information provided by applicant. Any deviation from approved plans requires separate review and approval prior to work.

Dept: DRC **Status:** Approved with Conditions **Reviewer:** Philip DiPierro **Approval Date:** 02/01/2011

Note: **Ok to Issue:**

- 1) CITY OF PORTLAND, MAINE
PUBLIC NOTICE

To All Building Permit Applicants and/or Contractors:

Effective immediately all temporary erosion control measures as shown on submitted site plans or as made part of a conditional approval of a site plan shall be installed, maintained, and inspected for proper functioning. Erosion control measures include but are not limited to silt fencing, hay bales, stone check dams, earthen berms, stone lined swales, riprap embankments, riprap inlet/outlets of any pipe channel or culvert, sodded or grass strips, hay mulch cover on exposed soils, jute matting or erosion control blanket/matting, geotextile grids or webbing, and any provision approved by the City Engineer or Development Review Coordinator to decrease erosion or sedimentation.

All temporary and permanent erosion control measures shall be in conformance with the Maine Erosion and Sediment Control Handbook for construction: Best Management Practices as published by Cumberland County SWCD and the Maine Department of Environmental Protection (<http://www.maine.gov/dep/blwq/docstand/escbmps/>). Consistent failure to install, maintain, or construct in an acceptable manner will result in a stop work order on the building permit. All erosion control measures shall be established in proposed areas of disturbed soils resulting from construction activities prior to actual construction unless a specific deadline has been made a condition of approval or agreed to by a Public Works Engineer or the Development Review Coordinator.

Effective immediately any request for Certificate of Occupancy will be denied if the above measures have not been addressed or completed. Only under extreme conditions, due to weather, shall the omission of the erosion control standards be included on the conditions for a Certificate of Occupancy, otherwise the request for a Certificate will be refused.

The City of Portland Planning Department and Public Works Department consider Erosion and Sediment Control Planning to be an absolutely necessary initial construction activity that requires as much attention and enforcement as building construction. For the protection of sensitive waterbodies, undisturbed lands, neighboring properties, established vegetated areas, and municipal drainage systems please pay careful attention to erosion and sediment control measures and conform to the notes, details, and conditions of approval as noted on your approved site plan. These controls must be installed and maintained continuously throughout the construction period. The City may inspect the site at any time to ensure compliance, and violations could result in work stoppage orders as indicated above.

We appreciate your prompt compliance with these requirements.

Location of Construction: 0 ROCKLEDGE AVE	Owner Name: Hagge Cyrus Y	Owner Address: 225 Commercial St Ste 502	Phone:
Business Name:	Contractor Name: Hagge Cyrus Y	Contractor Address: 225 Commercial St Ste 502 Portland	Phone
Lessee/Buyer's Name	Phone:	Permit Type: First Time System	

- 2) The limits of allowable clearing shall be clearly marked with flagging or temporary fencing. Absolutely no clearing is to take place within, or encroach into the "do not disturb/no cut" zone. All conditions listed in the approved subdivision plan, as they relate to this lot shall be followed.
- 3) Erosion and Sedimentation control shall be established and inspected by the Development Review Coordinator prior to soil disturbance, and shall be done in accordance with Best Management Practices, Maine Department of Environmental Protection Technical and Design Standards and Guidelines. All Erosion and Sedimentation control measures must be inspected and maintained daily.
- 4) All Site Work will conform to the City of Portland ordinance on Shoreland Regulations (Division 26).
- 5) The Development Review Coordinator reserves the right to require additional lot grading or other drainage improvements as necessary due to field conditions.
- 6) A street opening permit(s) is required for your site. Please contact Carol Merritt ay 874-8300, ext. 8822. (Only excavators licensed by the City of Portland are eligible.)
- 7) The Development Review Coordinator (874-8632) must be notified five (5) working days prior to date required for final site inspection. Please make allowances for completion of site plan requirements determined to be incomplete or defective during the inspection. This is essential as all site plan requirements must be completed and approved by the Development Review Coordinator prior to issuance of a Certificate of Occupancy. Please schedule any property closing with these requirements in mind.
- 8) Two (2) City of Portland approved species and size trees must be planted on your street frontage prior to issuance of a Certificate of Occupancy.
- 9) All Site work (final grading, landscaping, loam and seed) must be completed prior to issuance of a certificate of occupancy.
- 10) The site shall be developed and maintained as depicted in the approved site plan, written submission of the applicant, and these written conditions of approval. The modification of the approved site plan or alteration of a parcel which was the subject of site plan approval shall require the prior approval of a revised site plan by the Planning Authority.
- 11) A performance guarantee will be required to cover the cost of site work not completed due to seasonal conditions ie., finish grading, loaming, seeding, mulching, installation of street trees, etc. The performance guarantee must be reviewed, approved, and accepted by the Planning Authority prior to the release of a Temporary Certificate of Occupancy.
- 12) Trees that are designated to be saved are to be protected during excavation and construction. Tree protection fencing is to be installed around the tree canopy drip line prior to the start of any excavation. Tree protection measures are to be inspected and maintained daily.
- 13) The applicant shall have a licensed surveyor install, prior to the issuance of any Certificate of Occupancy, permanent mounumentation/pins identifying property corners.



CITY OF PORTLAND, MAINE

Department of Building Inspections

Original Receipt

06.15 2010

Received from WRIGHT-RYAN JAMES - GREG LANOU

Location of Work Red Sub Floor

Cost of Construction \$ _____ Building Fee: _____

Permit Fee \$ _____ Site Fee: _____

Certificate of Occupancy Fee: _____

Total: 110.00

Building (1L) _____ Plumbing (15) Electrical (12) _____ Site Plan (U2) _____

Other _____

CBL: 105 5009

Check #: ML Total Collected \$ 110.00

**No work is to be started until permit issued.
Please keep original receipt for your records.**

Taken by: [Signature]

WHITE - Applicant's Copy
YELLOW - Office Copy
PINK - Permit Copy