



DAVID E. SMITH
COMMISSIONER

STATE OF MAINE
DEPARTMENT OF HUMAN SERVICES
AUGUSTA, MAINE 04333

October 19, 1976

Mr. Richard Sawyer
10106 Quimby Street
Silver Springs, MD 20901

file
105-Y-14-15

Subject: Replacement sewage system, Cliffstone Road,
Little Diamond Island, Portland, Maine

Follow-up / file

Dear Sir:

This will acknowledge receipt of a plan plus soils information by Theodore Rand, P.E., showing proposed sewage disposal system for the existing overboard discharge. It is not in compliance with the Maine Plumbing Code, Part II, because of the distance setback from the ocean, the reason for the waiver request.

In consideration of the fact that there is an existing overboard discharge, and in consideration of the plan dated September 27, 1976, and recommendations by Mr. Rand, this office will grant the responsible Local Plumbing Inspector the right to waive certain provisions of the Maine Plumbing Code for the following disposal system under the authority of Section 3.14:

The installation of a 750 gallon metal septic tank followed by eight (8) planks in a 12'x16' configuration. The installation is to be no closer than 50 feet to the ocean. The installation is to follow the plan submitted with this proposal.

In all other respects the installation is to comply with the Maine Plumbing Code, Part II, Private Sewage Disposal Regulations.

Final approval of the sewage portion is subject to permit by the Local Plumbing Inspector before the construction of this system. A completed HHE-200 Form must be submitted to him for processing. The inspector is to be notified before covering the work, and the work is to be left uncovered until his inspection. He shall be supplied with copies of approved plans for his reference at inspection. Approval is also subject to any local ordinances.

Yours very truly,

W. C. Toppan
W. Clough Toppan, Sanitary Engineer
Plans and Standards Review
Division of Health Engineering

WCT/mm

cc: Erno R. Goodwin, LPI
encl.



APPLICATION FOR PERMIT
 DEPARTMENT OF BUILDING INSPECTIONS SERVICES
 ELECTRICAL INSTALLATIONS

Date June 2, 1976, 19
 Receipt and Permit number A 1885

To the CHIEF ELECTRICAL INSPECTOR Portland, Maine:
 The undersigned hereby applies for a permit to make electrical installations in accordance with the laws of Maine, the Portland Electrical Ordinance, the National Electrical Code and the following specifications:

LOCATION OF WORK: Plot 89 - Little Diamond Island
 OWNER'S NAME: Carter Raefner ADDRESS: _____

OUTLETS: (number of)
 Lights _____
 Receptacles _____
 Switches _____
 Plug mold _____ (number of feet)
 TOTAL _____ FEES

FIXTURES: (number of)
 Incandescent _____
 Fluorescent _____ (Do not include strip fluorescent)
 TOTAL _____
 Strip Fluorescent, in feet _____

SERVICES:
 Permanent, total amperes 100
 Temporary _____ 3.00

METERS: (number of) 1 50

MOTORS: (number of)
 Fractional _____
 1 HP or over _____

RESIDENTIAL HEATING:
 Oil or Gas (number of units) _____
 Electric (number of rooms) _____

COMMERCIAL OR INDUSTRIAL HEATING:
 Oil or Gas (by a main boiler) _____
 Oil or Gas (by separate units) _____
 Electric (total number of kws) _____

APPLIANCES: (number of)
 Ranges 1 Water Heaters 1
 Cook Tops _____ Disposals _____
 Wall Ovens _____ Dishwashers _____
 Dryers _____ Compactors _____
 Fans _____ Others (denote) _____
 TOTAL _____ 3.00

MISCELLANEOUS: (number of)
 Branch Panels _____
 Transformers _____
 Air Conditioners _____
 Signs _____
 Fire/Burglar Alarms _____
 Circuits, Fairs, etc. _____
 Alterations to wires _____
 Repairs after fire _____
 Heavy Duty, 220v outlets _____
 Emergency Lights, battery _____
 Emergency Generators _____

INSTALLATION FEE DUE: _____
 FOR ADDITIONAL WORK NOT ON ORIGINAL PERMIT DOUBLE FEE DUE: _____
 FOR REMOVAL OF A "STOP ORDER" (304-16.b) _____
 FOR PERFORMING WORK WITHOUT A PERMIT (304-9) _____
 TOTAL AMOUNT DUE: 6.50

INSPECTION:
 Will be ready on now, 19___; or Will Call _____

CONTRACTOR'S NAME: Chris DeSimone
 ADDRESS: 116 Orchard Rd.
 TEL.: _____

MASTER LICENSE NO.: 1397 SIGNATURE OF CONTRACTOR: Chris DeSimone Jr.
 LIMITED LICENSE NO.: _____

INSPECTOR'S COPY

ELECTRICAL INSTALLATIONS —

Little Diamond Isl

Permit Number 1885
 Location LOT 29 LITTLE DIA ISL
 Owner CARTER ROEBNER
 Date of Permit 1-2-76
 Final Inspection 8-12-76
 By Inspector Herbert
 Permit Application Register Page No. 59

INSPECTIONS: Service _____ by _____
 Service called in _____
 Closing in 8-12-76 by _____
 PROGRESS INSPECTIONS: _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____ / _____

CODE
 COMPLIANCE
 COMPLETED
 DATE 8-12-76

DATE: _____ REMARKS:

OR

PERMIT TO INSTALL PLUMBING

PERMIT NUMBER 4598

Address Lot 89 Little Diamond Island
 Installation For dwelling

Owner of Bldg. Carl Reefner
 Owner's Address same

Plumber William Carr

Date Issued
 Portland Plumbing Inspector
 By ERNOLD R. GOODWIN

App. First Insp.
 Date
 By

App. Final Insp.
 Date
 By

- Type of Bldg.
- Commercial
 - Residential
 - Single
 - Multi Family
 - New Construction
 - Remodeling

NEW	REPL		Date
			INO
		SINKS	
		LAVATORIES	
		TOILETS	
		BATH TUBS	
		SHOWERS	
		DRAINS	
		FLOOR SURFACE	
1		HOT WATER TANKS	
		TANKLESS WATER HEATERS	
		GARBAGE DISPOSALS	2.00
		SEPTIC TANKS	
		HOUSE SEWERS	
		ROOF LEADERS	
		AUTOMATIC WASHERS	
		DISHWASHERS	
		OTHER	
		base fee	
		TOTAL	3.00
			5.00

Building and Inspection Services Dept. Plumbing Inspection

PERMIT TO INSTALL PLUMBING

Little Diamond

4758

Address **105-E-1, 2 Anderson Ave.** PERMIT NUMBER

Installation For **one family**

Owner of Bldg. **Carter Rierker**

Owner's Address **same**

Plumber **owner** Date **8-31-76**

NEW REPL FEE

SINKS	
LAVATORIES	
TOILETS	
BATH TUBS	
SHOWERS	
DRAINS FLOOR SURFACE	
HOT WATER TANKS	
TANKLESS WATER HEATERS	
GARBAGE DISPOSALS	
SEPTIC TANKS	1
HOUSE SEWERS	
ROOF LEADERS	
AUTOMATIC WASHERS	
DISHWASHERS	
OTHER base	3.00
TOTAL	28.00

Date Issued
 Portland Plumbing Inspector
 By **ERNOLD R GOODWIN**

App. First Insp.
 Date **9/6/76**
 By **Supp. Insp.**

Date
 By
 Type of Bldg.
 Commercial
 Residential
 Single
 Multi Family
 New Construction
 Remodeling

Building and Inspection Services Dept.; Plumbing Inspection

THE DEPARTMENT OF HEALTH AND WELFARE
 DIVISION FOR PRIVATE SEWAGE DISPOSAL PERMIT

(For systems disposing of less than 2000 gallons per day) This is NOT a permit; this form when completed must be presented to the Local Plumbing Inspector to obtain a permit. Page 1 of 2

Street, Road, etc. Anderson Ave
at Princeton Island
 If on wa of body, give name

Permit No. 4758 Date 8/31/76

Owner of property W.E. Postner 315 St. Dunstons Rd. Baltimore, Md 21212
 Owner's address

Size of lot 46,767 sq. ft. Eq feet Acres

Name & type of establishment if other than private home Summer Residence

Is lot Zoned? Yes No
 Type of zoning: Residential Commercial Resource Protection

Name of applicant Owner
 Owner's agent

If you plan to use a previous subdivision approval in lieu of site investigation, please submit one of the following:
 Deed restriction re. private sewage disposal
 Copy of the subdivision's soils report
 Soils report from a State Agency

Applicant's address Street, B-1, etc.

Tel. No.

Town Maine

Subdivision name

Lot No. 132-320-1
105-5-1-2
105-D-1, 2, 3

Applicant's signature [Signature] Date 8/31/76
 Owner's signature [Signature] Date 8/31/76

This application is for: New System Expanded System Replacement System Replacement of Treatment Tank Only Disposal Area Only
 The water supply for this property is: Dug well, depth _____ lining _____ Drilled well, depth _____ lining _____ Spring _____
 depth _____ lining _____ Surface water Body, Course with disinfection without disinfection Public Utility, name POB DIST

SITE INVESTIGATION Show location of pits and/or borings on sketch on page 2, and refer to completed sample form and Chapter 4 of the Code, II.

Soil Profile No.	Soil Profile No. 1		Soil Profile No. 2		Soil Profile No. 3		Soil Profile No. 4		Soil Profile No. 5	
	<input checked="" type="checkbox"/> Pit	<input type="checkbox"/> Boring	<input checked="" type="checkbox"/> Pit	<input type="checkbox"/> Boring	<input type="checkbox"/> Pit	<input type="checkbox"/> Boring	<input type="checkbox"/> Pit	<input type="checkbox"/> Boring	<input type="checkbox"/> Pit	<input type="checkbox"/> Boring
Organic strata	Inches <u>20"</u>	Inches <u>20"</u>	Inches <u>20"</u>	Inches <u>20"</u>	Inches <u>20"</u>	Inches <u>20"</u>	Inches <u>20"</u>	Inches <u>20"</u>	Inches <u>20"</u>	Inches <u>20"</u>
1st strata	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>
2nd strata	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>
3rd strata	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>	Inches <u>11"</u>
Total Depth of observation hole	Inches <u>52"</u>	Inches <u>52"</u>	Inches <u>52"</u>	Inches <u>52"</u>	Inches <u>52"</u>	Inches <u>52"</u>	Inches <u>52"</u>	Inches <u>52"</u>	Inches <u>52"</u>	Inches <u>52"</u>
Max Ground water table - mottling	Inches <u>42"</u>	Inches <u>42"</u>	Inches <u>42"</u>	Inches <u>42"</u>	Inches <u>42"</u>	Inches <u>42"</u>	Inches <u>42"</u>	Inches <u>42"</u>	Inches <u>42"</u>	Inches <u>42"</u>
Impervious layer, clay, etc.	Inches <u>46"</u>	Inches <u>46"</u>	Inches <u>46"</u>	Inches <u>46"</u>	Inches <u>46"</u>	Inches <u>46"</u>	Inches <u>46"</u>	Inches <u>46"</u>	Inches <u>46"</u>	Inches <u>46"</u>
Bedrock	Inches <u>None Evident</u>	Inches <u>None Evident</u>	Inches <u>None Evident</u>	Inches <u>None Evident</u>	Inches <u>None Evident</u>	Inches <u>None Evident</u>	Inches <u>None Evident</u>	Inches <u>None Evident</u>	Inches <u>None Evident</u>	Inches <u>None Evident</u>
Surface slope	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>
Soil Group & Condition per Table 9-1 of the Code, II	<u>B-6</u>	<u>B-6</u>	<u>B-6</u>	<u>B-6</u>	<u>B-6</u>	<u>B-6</u>	<u>B-6</u>	<u>B-6</u>	<u>B-6</u>	<u>B-6</u>

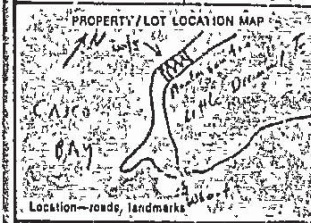
On 8-15-76 (date), a site investigation for this project was completed. I supervised this soil evaluation and certify that the results indicated above best represent the soil conditions found. I recommend the following type and size of private sewage disposal system. I also recommend the proposed private sewage disposal system layout and location shown on page 2.

Signature and Registration/Certification Number [Signature] PE #1513
 Date signed

Soil Scientist
 Geologist
 Soil Engineer
 Other, must show current letter of certification to LPI

PRIVATE SEWAGE DISPOSAL SYSTEM PROPOSED Show location of system and details on sketches on page 2, and refer to completed sample form

SYSTEM	TREATMENT	RECEPTION AREA	SIZE	SITE MODIFICATION
<input checked="" type="checkbox"/> SEPARATED SYSTEM <input type="checkbox"/> SEPALED VAULT PRIVY <input type="checkbox"/> OPEN PIT PRIVY <input type="checkbox"/> COMPOST TOILET <input type="checkbox"/> INCINERATOR TOILET <input type="checkbox"/> CHEMICAL TOILET <input type="checkbox"/> OTHER, DESCRIBE	<input checked="" type="checkbox"/> Septic Tank <input type="checkbox"/> Concrete <input type="checkbox"/> Fiberglass <input type="checkbox"/> Metals Manufacturer: <u>Mc Tank</u> Size in gallons: <u>750</u> <input type="checkbox"/> Aerobic Tank Manufacturer: <u>WMA</u> Model No. _____ Size in gallons _____	<input type="checkbox"/> Trench System, Total trench length _____ <input type="checkbox"/> Bed System Length _____ Width _____ <input type="checkbox"/> Chamber System Number _____ <input type="checkbox"/> Single File <input type="checkbox"/> Cluster <input type="checkbox"/> Mound System Length _____ Width _____ at base _____ <input type="checkbox"/> Special System Length _____ Width _____ <input type="checkbox"/> Non discharge System Bed Length _____ Width _____ Holding Tank Size _____ Gal Manufacturer _____ <input type="checkbox"/> Alarm device provided, type _____	<input type="checkbox"/> Very Small <input type="checkbox"/> Small <input type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> Extra Large	Fill is <input type="checkbox"/> required <input type="checkbox"/> not required Fill will be _____ inches deep DETAILS <input type="checkbox"/> A Distribution Box is required Pumping is <input type="checkbox"/> required <input type="checkbox"/> is not required The Dose will be _____ gallons DISTANCES Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> The proposed subsurface absorption area will be located at least 100 feet from any and all wells, springs, surface water bodies and courses (lake, pond, ocean, brook, stream, river); swamps; marshes; and bogs. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> The proposed subsurface absorption area will be located at least 300 feet from any and all wells and springs producing 2000 gallons or more of water per day and any public water supplies



FOR THE USE OF LPI ONLY

Denial, Application is denied for following reasons; portions of the Code II are cited.
 Form is incomplete (____ pg) as to: General info, Site Investigation, System Proposed, Site Plan, Disposal System Plan, Cross-Section, Statement See Section 2.3, Table 9-1 Group 9 and 10
 Site Investigation indicates site is totally unsuitable for disposal system, Sections 4.5 and 9.5, Table 9-1 Group 9 and 10
 Unsuitable for system proposed; Sections 4.3, 4.6, 9.5, Table 9-1
 System Proposed does not conform to Code; See Sections 9
 Site Investigation indicates site modifications are necessary; See Sections 4.3, 4.4, 4.6, 8.7, 9.5
 Miscellaneous See Section _____
 Acceptance Application for permit is approved with condition specified, comply with Section _____
 without condition
 Signed LPI [Signature] Date 8/31/76