PF 8/6/15

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

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

PROPERTY LOCATION

City, Town, or Plantation	Augusta
Street or Road	48 Lambert Avenue
Subdivision, Lot #	Lapointe Subdivision, Sect. 2-Lot 24

>> Caution: LPI APPROVAL REQUIRED <<

AUGUSTA PERMIT #7099 TOWN COPY

Date Permit Issued: 8/6/15 $250.00 fee

15.00 LPI # 850

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	Sullivan, Edward ☒ Owner ☐ Applicant
Mailing Address of Owner/Applicant	48 Lambert Avenue Augusta, ME 04330
Daytime Tel. #	(207) 441-5417

Owner/Applicant Statement

I state and acknowledge that the information submitted is correct to the best of my knowledge, that I have read and agree with the conditions on the back of this form, and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit.

Signature of Owner/Applicant — Date: 8/5/15

I have inspected the installation authorized above and on back of this form and found it to be in compliance with the Subsurface Wastewater Disposal Rules and local ordinances.

Local Plumbing Inspector Signature — (1st) Date Approved — (2nd) Date Approved

PERMIT INFORMATION

TYPE OF APPLICATION

1. ☐ First Time System
2. ☒ Replacement System

Type Replaced: unknown
Year Installed: 1973

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
5. ☐ Minimum Lot Size Variance
6. ☐ Seasonal Conversion Variance

DISPOSAL SYSTEM COMPONENT(S)

1. ☒ Complete non-Engineered System
2. ☐ Primitive System (graywater & alt toilet
3. ☐ Alternative Toilet, specify: _____
4. ☐ Non-engineered Disposal Area
5. ☐ Holding Tank, _____gallons
6. ☐ Non-engineered Disposal Field (only)
7. ☐ Separated Laundry System
8. ☐ Complete Engineered System (+2000 gpd)
9. ☐ Engineered Treatment Tank (only)
10. ☐ Engineered Disposal Field (only)
11. ☒ Pre-treatment, specify: outlet filter on tank
12. ☐ Miscellaneous components

SIZE OF PROPERTY

☐ sq. ft.
0.75 ☒ acres

SHORELAND ZONING

☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE:

1. ☒ Single Family Dwelling Unit, No. of Bedrooms: 3
2. ☐ Multiple Family Dwelling, No. of Units: _____
3. ☐ Other: _____

Current Use ☐ Seasonal ☑ Specify Year Round ☒ ~~Undeveloped~~

TYPE OF WATER SUPPLY ☐ Proposed

1. ☑ Drilled Well 2. ☒ ~~Dug Well~~ 3. ☐ Private
4. ☐ Public 5. ☐ Other: _____

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON CROSS-SECTIONAL VIEW)

TREATMENT TANK ☒ proposed

1. ☒ Concrete
   ☒ Regular
   ☐ Low Profile
2. ☐ Plastic
3. ☐ Other: _____

CAPACITY: 1,000 Gallons

DISPOSAL AREA TYPE/SIZE

1. ☐ Stone Bed 2. ☐ Stone Trench
3. ☒ Proprietary Device
   ☐ Cluster array ☒ Linear
   ☒ Regular load ☐ H-20 load
4. ☐ Other: _____

SIZE: 891 ☒ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT

1. ☒ No 2. ☐ Yes 3. ☐ Maybe

If Yes or Maybe, specify one below:

- ☐ Multi-compartment tank
- ☐ ____Tanks in series
- ☐ Increase in tank capacity
- ☐ Filter on tank outlet

DESIGN FLOW

270 gallons per day BASED ON:

☒ 1. Table 4A (dwelling unit(s))
☐ 2. Table 4C (other facilities)
SHOW CALCULATIONS for other facilities

3. ☐ Section 4G (meter readings)

SOIL DATA & DESIGN CLASS

PROFILE 2 / CONDITION AIII

at Observation Hole # TP 1

Depth: 24"
OF MOST LIMITING SOIL FACTOR

DISPOSAL FIELD SIZING

1. ☐ Medium 2.6 sq. ft./gpd.
2. ☒ Medium Large 3.3 sq. ft/gpd
3. ☐ Large 4.1 sq. ft./gpd.
4. ☐ 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

LATITUDE AND LONGITUDE

at center of disposal area

Lat. N 44 d 20 m 02.05 s
Lon. W 69 d 41 m 43.79s
If g.p.s., state margin of error: ___

SITE EVALUATOR COMMENTS

System-6 lines of 30' long Enviro-Septic Pipe; 2' apart; Leach field designed for existing 3 bedroom dwelling.

SITE EVALUATOR STATEMENT

I Certify that on July 27, 2015 (date) I completed a site evaluation on this project and state that the data reported is accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241) as interpreted by me.

Kane P. Coffin, an agent of E.S. Coffin Engineering & Surveying, Inc. — SE #331 Licensed Site Evaluator — July 28, 2015 Date

E.S. Coffin Engineering & Surveying, Inc.
432 Cony Road P.O. Box 4687
(207) 623-9475 or 1-800-244-9475
Augusta, Maine 04330-1687
kcoffin@coffineng.com

Note: Changes to or deviations from the design should be confirmed with the Site Evaluator
See back of this form for conditions of permit

ATTACHMENT FOR HHE-200 FORM

1. The OWNER/APPLICANT, by signing the front of this form, agrees to provide payment for services rendered as quoted and billed by COFFIN ENGINEERING & SURVEYING (CE&S). Payment on all billings are due within 30 days of billing date, otherwise a late charge of 1.5% per month (18% per year), simple interest, will be added to the total amount. In the event that any portion, or all of the final billing, remains unpaid for a period of 60 days, the OWNER/APPLICANT shall pay all costs of collection, including actual attorney's fees, court costs, CE&S's cost to collect bill. PLEASE NOTE THAT THE PERSON SIGNING THIS FORM UNDER OWNER/APPLICANT IS RESPONSIBLE FOR PAYMENT OF SERVICES AND SHOULD CONTACT CE&S IF HE/SHE HAS NOT RECEIVED A BILL.
2. All construction shall conform with Title 22 MRSA, §42, 10-144A CMR 241 "Maine-Subsurface Waste Water Disposal Rules," and all other pertinent sections. The OWNER/APPLICANT is responsible for the contractor installing the proposed septic system correctly and for obtaining all necessary permits. The OWNER/APPLICANT shall carefully examine all documents submitted by CE&S and promptly notify CE&S upon becoming aware of any defects. The OWNER/APPLICANT agrees to limit the liability of the site evaluator and/or CE&S to the amount of the total fee paid to CE&S and to a limit of five years from the date of this form. Visits to the site will be for information purposes only. CE&S will not be responsible for any site inspection duties.
3. This disposal system form shall not be transferable and becomes invalid if the authorized work has not commenced within two years after the issue date of the disposal system.
4. The OWNER/APPLICANT shall accurately describe the intended uses (present and future) for the system to the site evaluator. By signing the front of this form, the OWNER/APPLICANT agrees that the uses shown on said form is what was described to the site evaluator. Any change from the intended use described on this form requires a new design. Applicability of design must be reevaluated when location of structures are substantially different from those shown on the site plan or when other structures, additions, or appurtenances (i.e. swimming pools, garbage disposals) are considered.
5. The LPI shall inform the owner and designer of any local ordinance exceeding the Rules (Chapter 241) prior to issuing a permit, so that the application may be properly amended to conform to such ordinances.
6. The most recent revision of the Maine State Plumbing Code is hereby made a part of this HHE-200 Form and shall be consulted by the disposal system installer for further construction details, material specifications, cautions, and other related details pertinent to the installation of this disposal system.
7. This HHE-200 form is intended to represent facts pertinent to the Plumbing Code only. The owner/applicant must check local, state, and federal regulations before considering this an approvable site. All information shown on this form relating to property lines, structures, and subsurface structures (such as, but not limited to water lines, septic tanks, cess pools, cellar drains, utility lines, wells, leach fields, etc.) are noted, shown, or left off as not affecting the system based on information provided by the owner/applicant or his agent. The OWNER/APPLICANT acknowledges and understands that CE&S's submissions may represent imperfect data and may contain errors, omissions, conflicts, inconsistencies, code violations, and improper use of materials. Such deficiencies will be corrected when identified. The OWNER/APPLICANT agrees to carefully study and compare the submissions and report at once in writing to CE&S any deficiencies discovered. The OWNER/APPLICANT further agrees to require each contractor and/or subcontractor to likewise study the submissions and report at once any deficiencies discovered. It is the responsibility of the owner/applicant or his agent to confirm, BEFORE CONSTRUCTION BEGINS, the above and/or any other features which may affect (or be adversely affected by) the installation of this system.
8. When a gravity system is proposed, BEFORE CONSTRUCTION BEGINS, the disposal system installer and building contractor shall review the relative elevation of all points given in the this HHE-200 Form and the elevation of the existing or proposed building drain and septic tank openings for compatibility to the minimum code pitch requirements. Any questions that arise should be directed to the local plumbing inspector or designer. When a pump system is installed, provisions shall be made to keep the tank and lift station outlets above the high water table.
9. The Septic System Owner's Manual written by the designer is made a part of this HHE-200 Form and shall be consulted by the owner/applicant and disposal system installer for other facts pertinent to the installation and operation of this disposal system.
10. The OWNER/APPLICANT bears the responsibility to show the location of property lines, subsurface structures (such as, but not limited to water lines, septic tanks, cess pools, cellar drains, utility lines), and wells to the Site Evaluator. Actual property lines must be confirmed by a boundary survey. By signing the front of this form, the OWNER/APPLICANT agrees that the property lines and wells on the accompanying plan(s) are shown correctly and any discrepancy found in the future is the responsibility of the OWNER/APPLICANT.
11. The actual water flow or number of bedrooms shall not exceed the design criteria indicated on this HHE-200 Form without a re-evaluation of the system.
12. CE&S is not responsible for the actions of others, who affect the ultimate cost of the PROJECT; by vandalism, marker removal, changes in scope of work, approval agencies, redesign of septic system, etc. (OWNER/APPLICANT to be notified of any cost increase).
13. The laws of Maine will apply concerning the interpretation and performance of this AGREEMENT. If an item in this AGREEMENT is found to be in violation of any prevailing laws, it will not void the entire AGREEMENT. This AGREEMENT is superior and over-rules any Standard Subcontract Agreement signed by the parties involved in this AGREEMENT for this PROJECT when referenced in said Standard Subcontract Agreement.
14. CE&S is responsible for the actions of its' employees only. Insurance is provided for: vehicles, general liability, errors and omissions, and workman's comp. All other entities on the site are responsible for their own safety, work product, actions, conduct, etc.
15. CE&S is not responsible for any actual, alleged, or threatened, pollutant damage in regard to the services performed. Pollutants are defined as any environmentally threatening contaminants commonly regulated in this state.
16. In the event that the OWNER/APPLICANT hires subcontractors, workers, orders material, etc., and governs, directly or indirectly, the overall operation on the work site; then the OWNER/APPLICANT is deemed to be acting as his own general contractor, having the greater responsibility for the work site.
17. Other than the procedure of collections described above in (1), should the parties of this AGREEMENT have differences involving either the work site, or the PROJECT, that cannot be resolved between them; then the procedures of Alternate Dispute Resolution will be the only method of resolving those differences.

Maine Center for Disease Control and Prevention
An Office of the Department of Health and Human Services

Department of Health and Human Services
Maine Center for Disease Control and Prevention
286 Water Street
11 State House Station
Augusta, Maine 04333-0011
Tel: (207) 287-5672
Fax: (207) 287-4172; TTY: 1-800-606-0215

SUBSURFACE WASTEWATER DISPOSAL SYSTEM VARIANCE REQUEST

This form must accompany an application (HHE-200 Form) for any subsurface wastewater disposal system which requires a variance to provisions of the Subsurface Wastewater Disposal Rules. The Local Plumbing Inspector must not issue a permit for the installation of a subsurface wastewater disposal system requiring a variance from the Department of Health and Human Services until approval has been received from the Department.

GENERAL INFORMATION Town of Augusta

Property Owner's Name: Edward H. Sullivan, Jr. Tel. No.: 207-441-5417

System's Location: 48 Lambert Avenue, Augusta, ME

Property Owner's Address: 48 Lambert Avenue, Augusta, ME Zip Code 04330

e-mail address:

The subsurface wastewater disposal system design for the subject property requires a replacement system variance ☒ first time system variance ☐ to the Subsurface Wastewater Disposal Rules. This variance requires ☐ local approval ☒ local and state approval.

SPECIFIC VARIANCE REQUESTED (To be filled in by Site Evaluator. Use additional sheets if needed.)	**SECTION OF RULE**
1. Fill extension slope of 3:1	Section 8-D-c
2. 43' from dug well to existing septic tank	Table 8
3. 23' from leach field to underdrain	Table 8

SITE EVALUATOR

When a property is found to be unsuitable for subsurface wastewater disposal by a licensed Site Evaluator, the Evaluator shall so inform the property owner. If the property owner, after exploring all other alternatives, wishes to request a variance to the Rules, and the Evaluator in his professional opinion feels the variance request is justified and the site limitations can be overcome, he shall document the soil and site conditions on the Application. The Evaluator shall list the specific variances necessary plus describe below the proposed system design and function. The Evaluator shall further describe how the specific site limitations are to be overcome, and provide any other support documentation as required prior to consideration by the Department. Attach a separate sheet if necessary.

The variance request is being submitted because this is the best location for the leach field and septic tank.

I, Kane P. Coffin, S.E., certify that a variance to the Rules is necessary since a system cannot be installed which will completely satisfy all the Rule requirements. In my judgment, the proposed system design on the attached Application is the best alternative available; enhances the potential of the site for subsurface wastewater disposal; and that the system should function properly.

Kane P. Coffin
SIGNATURE OF SITE EVALUATOR

July 28, 2015
DATE

PROPERTY OWNER

I, Adele Sullivan, am the ☑ owner ☐ agent for the owner of the subject property. I understand that the installation on the Application is not in total compliance with 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.

A M Sullivan
☒ SIGNATURE OF OWNER
☐ AGENT FOR THE OWNER

8/5/15
DATE

LOCAL PLUMBING INSPECTOR - Approval at local level

The local plumbing inspector shall review all variance requests prior to rendering a decision.
I, Gary R. Ferrell, the undersigned, have visited the above property and find that the variance request submitted by the applicant does not conform with certain provisions of the wastewater disposal rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property. The proposed system (☐ does ☐ does not) conflict with any provisions controlling subsurface wastewater disposal in the shoreland zone. Therefore, I (☐ do ☐ do not) approve the requested variance. I (☐ will ☐ will not) issue a permit for the system's installation as proposed by the application.

Gary R. Ferrell — LPI Signature

8/6/15 — Date

LOCAL PLUMBING INSPECTOR - Referral to the Department

The local plumbing inspector shall review all variance requests prior to forwarding to the Division of Environmental Health.
I, _____, the undersigned, have visited the above property and find that the variance request submitted by the applicant does not conform with certain provisions of the wastewater disposal rules. The variance request submitted by the applicant is the best alternative for a subsurface wastewater disposal system on this property. The proposed system (☐ does ☐ does not) conflict with any provisions controlling subsurface wastewater disposal in the shoreland zone. Therefore, I (☐ do ☐ do not) recommend the issuance of a permit for the system's installation as proposed by the application.

_____ LPI Signature

_____ 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

Notes: 1. Variances for soil conditions may be approved at the local level as long as the total point assessment is at least the minimum allowed. (See Section 7.B.4 of the Subsurface Wastewater Disposal Rules for Municipal Review.)

2. Variances for other than soil conditions or soil conditions beyond the limit of the LPI's authority are to be submitted to the Department for review. (See Section 7.B.3 for Department Review.) The LPI's signature is required on these variance requests prior to sending them to the Department.

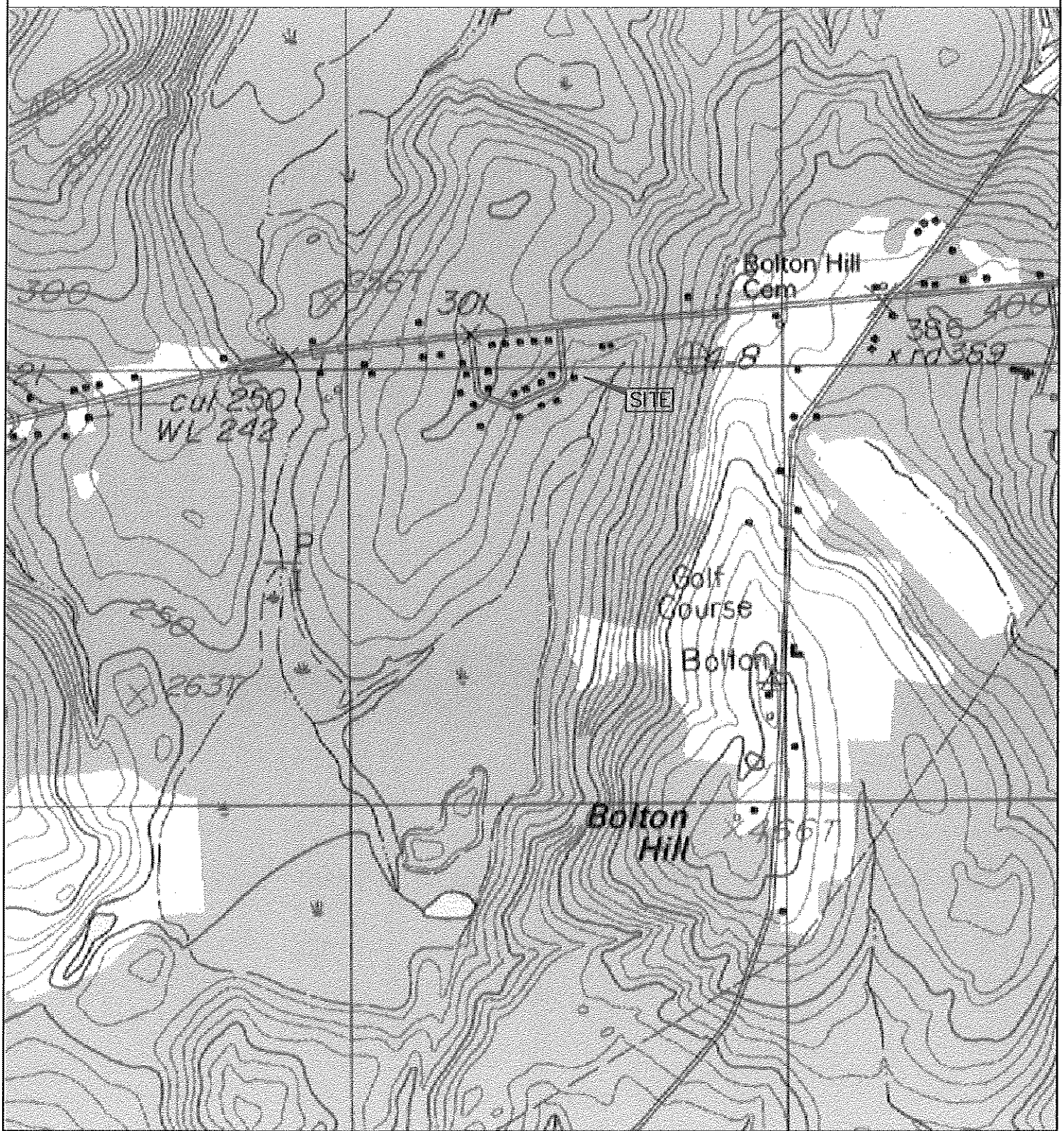
SOIL, SITE AND ENGINEERING FACTORS FOR FIRST TIME SYSTEM VARIANCE ASSESSMENT WITH LIMITING SOIL DRAINAGE CONDITIONS (SEE TABLES 7C THROUGH 7M).

	CHARACTERISTIC	POINT ASSESSMENT
Soil Profile		
Depth to Groundwater/Restrictive Layer		
Terrain		
Size of Property		
Waterbody Setback		
Water Supply		
Type of Development		
Disposal Area Adjustment		
Vertical Separation Distance		
Additional Treatment		
	TOTAL POINT ASSESSMENT:	

Minimum Points (Check One): ☐ Outside Shoreland Zone-50 ☐ Inside Shoreland Zone-65 ☐ Subdivision-65

SITE LOCATION MAP

SCALE 1" = 1000'



HHE-200

ENGINEERING E.S. COFFIN SURVEYING
E.S. COFFIN ENGINEERING & SURVEYING, INC.
432 Cony Road P.O. Box 4687 Augusta, Maine 04330
Ph. (207) 623-9475 Fax (207) 623-6016 Toll Free 1-800-244-9475

CLIENT/PROJECT: **Edward Sullivan**
SEPTIC SYSTEM DESIGN

LOCATION: **48 LAMBERT AVENUE**

TOWN: **AUGUSTA** COUNTY: **KENNEBEC** STATE: **MAINE**

SHEET TITLE: **SITE LOCATION MAP**

SCALE: **AS SHOWN**

DATE: **JULY 28, 2015**

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. Health & Human Services (207) 287-5672
Division of Environmental Health (207) 287-3165 (FAX)

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
Augusta	48 Lambert Avenue	Edward Sullivan

SITE PLAN

Scale: 1" = __ feet

TEXTURE TERMS
Sand
Loamy sand
Sandy loam
Loam
Silt loam
Silty clay loam
Silty clay
Bedrock

TEXTURE

ABUNDANCE
Very–36–60%
Extremely–61–90%

MODIFIER TERMS
VF–very fine
F–fine
M–medium
C–course

ROCK
Gravely–0.1–3"
Cobbly–3–10"
Stony–+10"

MOTTLING

CONTRAST
Faint
Distinct
Prominent

ABUNDANCE
None
Few–<2%
Common–2–20%
Many–>20%

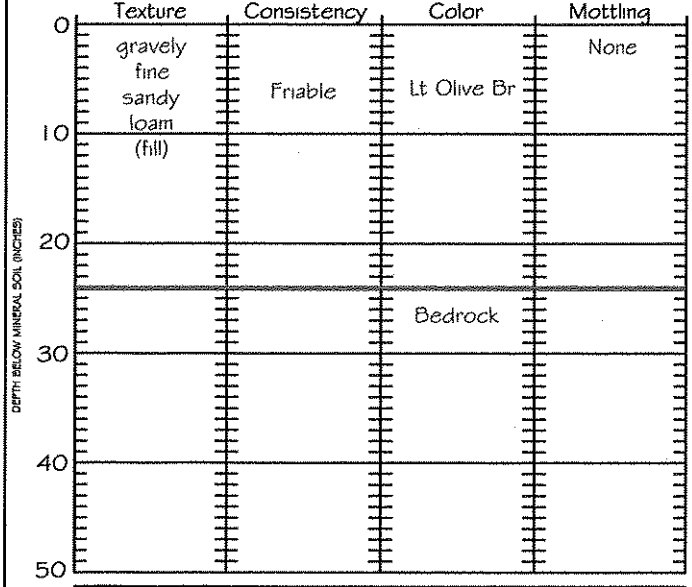
CONSISTENCE

TERMS
Loose
Friable
Firm
Very Firm
Cemented

SOIL DESCRIPTION AND CLASSIFICATION

Observation Hole TP 1 ■ Test Pit ☐ Boring

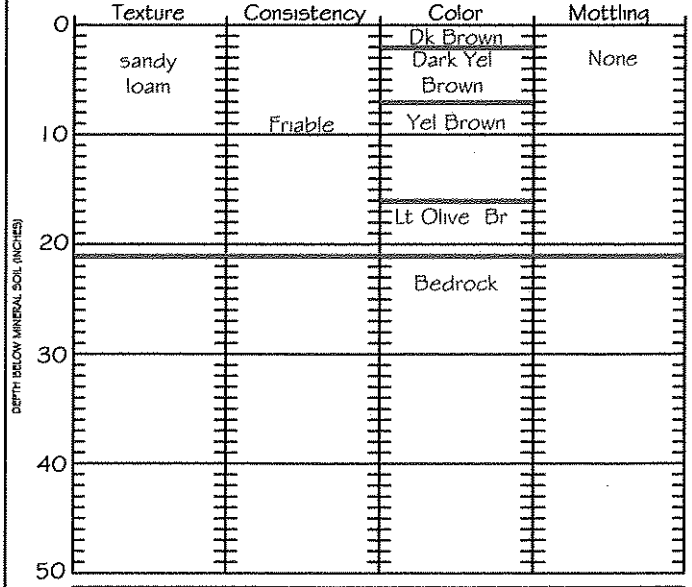
1 " Depth of Organic Horizon Above Mineral Soil



Soil Classification	Slope	Limiting Factor	
12 / AIII (Profile / Condition)	4 %	24 "	☐ Ground Water ☐ Restrictive Layer ■ Bedrock ☐ Pit Depth

Observation Hole TP 2 ■ Test Pit ☐ Boring

1 " Depth of Organic Horizon Above Mineral Soil



Soil Classification	Slope	Limiting Factor	
2 / AIII (Profile / Condition)	4 %	21 "	☐ Ground Water ☐ Restrictive Layer ■ Bedrock ☐ Pit Depth

Site Evaluator's Signature Kara P. Coffin SE # 331 Date: 07/28/15 **HHE–200**

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
Augusta	**48 Lambert Avenue**	**Edward Sullivan, Jr.**

FILL REQUIREMENTS

Depth of Fill (Upslope)	24–37"
Depth of Fill (Downslope)	24–38"

CONSTRUCTION ELEVATIONS

Reference Elevation is	00"
Bottom of Disposal Area	n/a
Top of Pipe	n/a

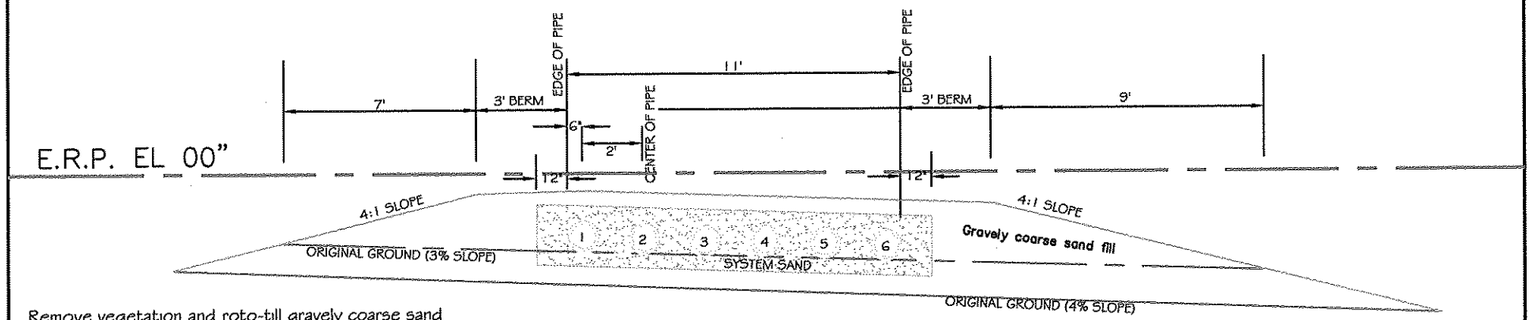
ELEV. REF. PT:

50d Spike in 12" Hemlock Tree
23" above ground

SCALE:

Vertical: 1 inch = 5 feet
Horizontal: 1 inch = 5 feet

DISPOSAL AREA CROSS SECTION

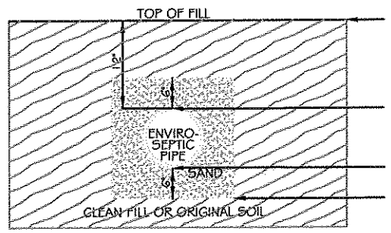


Remove vegetation and roto-till gravely coarse sand fill into original ground to a depth of 6-8 inches to create a transitional zone

CONSULT THE DESIGN & INSTALLATION MANUAL FOR THE ENVIRO-SEPTIC LEACHING SYSTEM PRESBY ENVIRONMENTAL, INC. 1-800-473-5298

INSTALL 6 LINES OF ENVIRO-SEPTIC PIPE (30' LONG), 2' APART CENTER- TO-CENTER.

INSTALL 6" OF MEDIUM TO COARSE SAND WITH AN EFFECTIVE PARTICLE SIZE OF 0.25 TO 2.0 MM, WITH NO GREATER THAN 5% PASSING A #200 SIEVE AND NO PARTICLES LARGER THAN 3/4" AROUND THE PIPE.



ELEVATIONS

ROW 1	ROW 2	ROW 3	ROW 4	ROW 5	ROW 6
-07"	-08"	-09"	-09"	-10"	-11"
-19"	-20"	-21"	-21"	-22"	-23"
-31"	-32"	-33"	-33"	-34"	-35"
-37"	-38"	-39"	-39"	-40"	-41"

DETAIL (no scale)

Site Evaluator's Signature Kane P. Coffin SE # 331 Date: 07/28/15

HHE–200

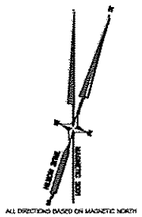
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

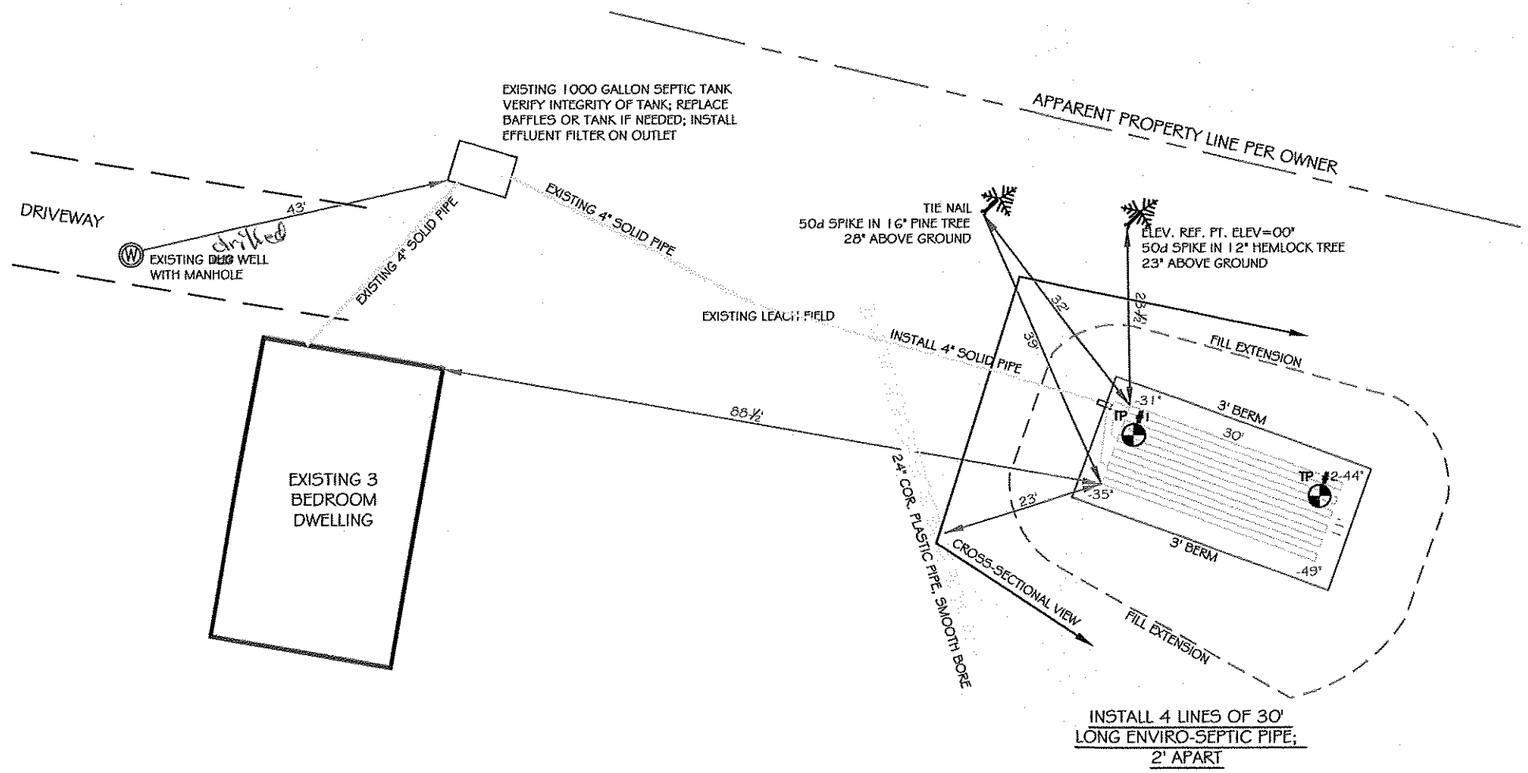
Maine Dept. of Health & Human Services (207) 287-5338
Division of Environmental Health (207) 287-3165 (fax)

Town, City, Plantation	Street, Road, Subdivision	Owner's Name
Augusta	48 Lambert Avenue	Edward H. Sullivan, Jr.

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE: 1" = 20'





DISPOSAL FIELD CONSTRUCTION TECHNIQUES

1. Vegetation shall be cut and removed from the area where backfill material is to be placed. Organic duff and old fill material from under the disposal area and fill extension should be removed.
2. The area under the disposal field and backfill extensions shall be roto-tilled with gravely coarse sand fill to a depth of 6-8 inches to form a Transitional Horizon. Do not use wheeled equipment on the scarified soil surface until after 12 inches of fill is in place.
3. Fill large holes that are left as a result of stump or stone removal with gravely coarse sand fill.
4. Surface water (from roofs or upland) must be diverted away from the disposal field.
5. Septic tank(s), grease trap, pumping station, and lines may be relocated to accommodated site conditions as long as setbacks and intent of design are met.
6. All construction shall conform with Title 22 MRSA, Section 42, 10-144A-CMR 241 "Maine Subsurface Waste Water Disposal Rules" and other pertinent sections.
7. The owner/contractor shall carefully observe the vertical distance between the E.R.P. and the bottom of the leach field and notify the Site Evaluator promptly if separation distance appears to be at odds with the original ground.
8. The owner/applicant is responsible for the contractor installing the proposed septic system correctly and for obtaining all necessary permits.
9. Access openings for septic tanks serving single-family dwelling units may be buried, although water tight risers to within 6" of finish grade are required. The riser opening must be at least 18" in diameter over the tank cover. Outlet baffles that utilize an effluent filter must have a riser of at least 18" in diameter extended to finish grade.
10. Installation of a garbage (grinder) disposal is not recommended. If one is installed, an additional 1000 gallon septic tank or a septic tank filter should be connected in series to the proposed septic tank.
11. The septic tank should be pumped at least once every three years.
12. The general minimum setback 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.

ELEVATION REFERENCE POINT

ELEVATION: 00"

DESCRIPTION: 50d spike in 12" Hemlock Tree (23" above ground)

SHEET TITLE: PLAN VIEW

SCALE: 1" = 20'

DATE: JULY 28, 2015

PROJECT: EDWARD SULLIVAN

LOCATION: 48 LAMBERT AVE.

TOWN: AUGUSTA COUNTY: KENNEBEC STATE: MAINE

E.S. COFFIN ENGINEERING & SURVEYING, INC.
E.S. COFFIN ENGINEERING & SURVEYING, INC.
432 Cony Road P.O. Box 4687 Augusta, Maine 04330
Ph. (207) 623-9475 Fax (207) 623-0016 Toll Free 1-800-244-9475

PROJ. NO. 2015-186

Site Evaluator's Signature Kane P. Coffin

SE # 331

Date: 07/28/15

HHE-200