

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Div. Environmental Health, 11 SHS
(207) 287-2070 FAX (207) 287-4172

PROPERTY LOCATION		ELLSWORTH PERMIT # 6193	
City, Town, or Plantation	ELLSWORTH	Town/City	TOWN
Street or Road	ROUTE 1A	DATE	11/6/17 FEE \$ 265.00 DBL
Subdivision, Lot #	REMAINING LAND OF NORTH ELLSWORTH ESTATES	Date Per	DWIGHT TILTON #628
OWNER/APPLICANT INFORMATION		LORETTA ROBERTS #1092	
Name (last, first, MI)	COL PAERT, KEN	Local Plumbing Inspector Signature	
☒ Owner ☐ Applicant		Fee: \$ _____ state min. fee \$ _____ Locally adopted fee	
Mailing Address of	22 NATHAN CUTLER DRIVE	Copy: ☐ Owner ☐ Town ☐ State	
☒ Owner ☐ Applicant	BEDFORD, NH 03110	The Subsurface Wastewater Disposal System shall not be installed until a Permit is issued by the Local Plumbing Inspector. The Permit shall authorize the owner or installer to install the disposal system in accordance with the application and the Maine Subsurface Wastewater Disposal Rules.	
Daytime Tel. #		Municipal Tax Map # 58 Lot # 24	
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 Subsurface Wastewater Disposal Rules Application.	
Signature of Owner or Applicant		Local Plumbing Inspector Signature	
Date		AFFIDAVIT (1st Date Approved) 12-1-17 (2nd Date Approved)	

PERMIT INFORMATION

TYPE OF APPLICATION	THIS APPLICATION REQUIRES	DISPOSAL SYSTEM COMPONENT(S)
☒ 1. First Time System ☐ 2. Replacement System Type Replaced: _____ Year Installed: _____ ☐ 3. Expanded System ☐ a. Minor Expansion <25% ☐ b. Major Expansion ≥ 25% ☐ 4. Experimental System ☐ 5. Seasonal Conversion	☒ 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	☒ 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: _____ ☐ 12. Miscellaneous components
SIZE OF PROPERTY _____ sq. ft. 3 F _____ acres	DISPOSAL SYSTEM TO SERVE ☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 3 ☐ 2. Multiple Family Dwelling, No. of Units: _____ ☐ 3. Other: (SPECIFY) _____	TYPE OF WATER SUPPLY TO BE ☒ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private ☐ 4. Public ☐ 5. Other: _____
SHORELAND ZONING ☐ Yes ☒ No	Current Use: ☐ Seasonal ☐ Year Round ☒ Undeveloped	

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK ☒ 1. Concrete ☐ a. Regular ☐ b. Low Profile ☐ 2. Plastic ☐ 3. Other: _____ CAPACITY 1000 gallons	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: _____ SIZE 900 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 270 gallons per day BASED ON ☒ 1. Table 4A (dwelling unit(s)) ☐ 2. Table 4C (other facilities) SHOW CALCULATIONS for other facilities
SOIL DATA & DESIGN CLASS PROFILE CONDITION 3, C at Observation Hole # 1 Depth 16" 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	☐ 3. Section 4G (meter readings) ATTACH WATER METER DATA LATITUDE AND LONGITUDE at center of disposal area Lat. 43° 0' 30" N Lon. 70° 28' 30" W if g.p.s., state margin of error

SITE EVALUATOR STATEMENT

I certify that on 7-20-17 (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
WILLIAM A. LABELLE, JR.

319
SE#
(207) 537-5900

7-26-17
Date
labelleseptice@rivah.net

Site Evaluator Name Printed

Telephone Number

E-mail Address

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

HHE-200 Rev. 05/2017

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Division of Environmental Health, 11 SHS
(207) 287-5672 FAX (207) 287-4172

Town, City, Plantation
ELLSWORTH

Street, Road, Subdivision
ROUTE 1A

Owner or Applicant Name
KEN COLPAERT

SITE PLAN

Scale 1" = 50 Ft.

(SEE ATTACHED SITE PLAN)

SITE LOCATION PLAN
(Attach map from Maine Atlas
for First Time System Variance)

Circle
Farm Road
Gilbert Road
SITE →
ROUTE 1A

SOIL PROFILE DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above or on pg. 2A)

Observation Hole #1 ☒ Test Pit ☐ Boring

3 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SANDY		DARK BROWN	
STONY	FRIABLE	(10YR 3/3)	N.E.
GRAVELLY		DARK VEL. BROWN (10YR 3/6)	
LOAM	FIRM	OLIVE BROWN (2.5Y 4/4)	PROBABLE

Soil Profile 3 Classification C Slope 4 1/2% Limiting Factor 10" Depth ☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Observation Hole #2 ☒ Test Pit ☐ Boring

2 " Depth of organic horizon above mineral soil

Texture	Consistency	Color	Mottling
SANDY		DARK YELLOWISH BROWN (10YR 3/4)	
STONY	FRIABLE	DARK	N.E.
LOAM	FIRM	YELLOWISH BROWN (10YR 3/6)	FEW FAINT

Soil Profile 3 Classification C Slope 4 1/2% Limiting Factor 10" Depth ☒ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

W. C. G.
Site Evaluator's Signature

319
S. E. #

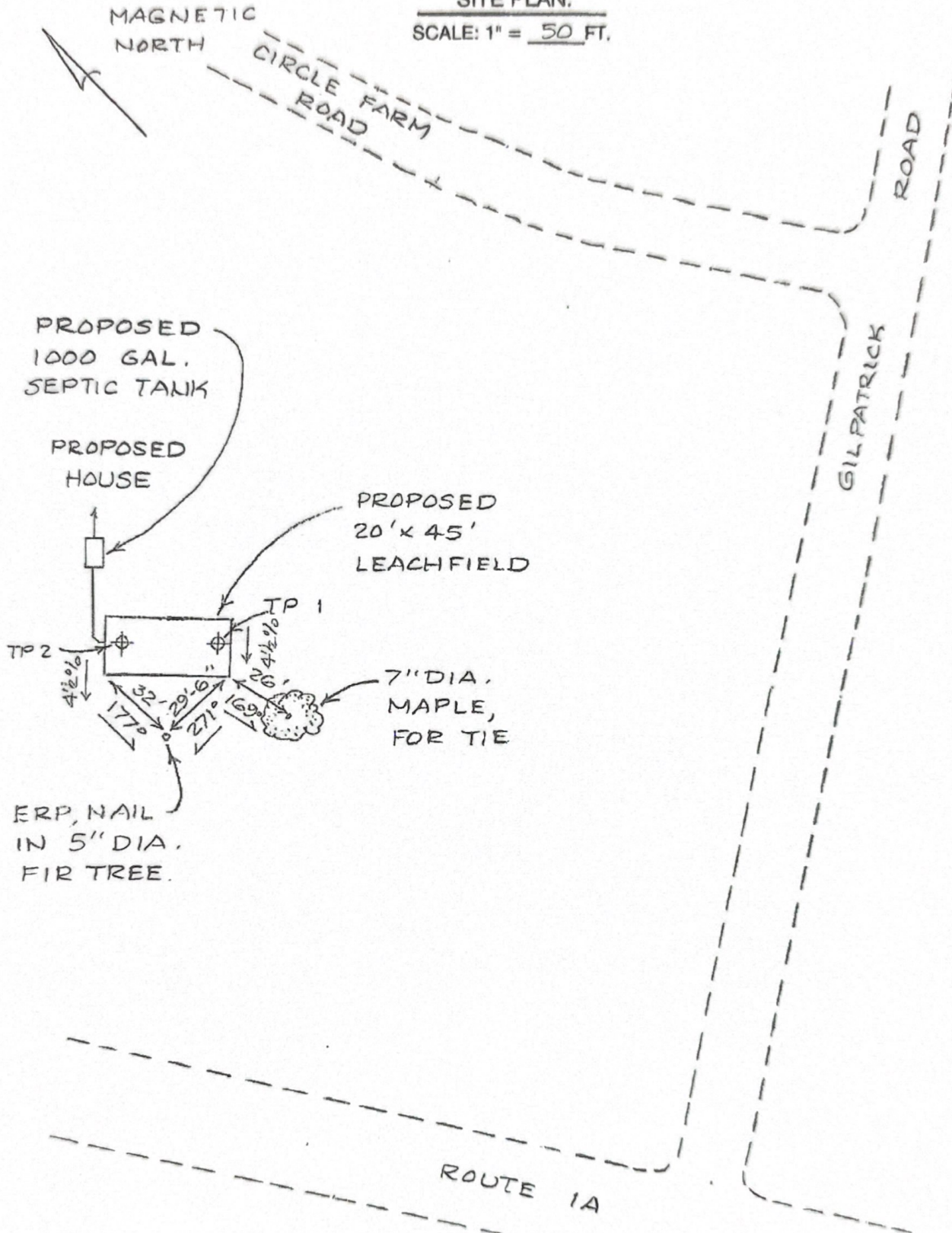
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Date

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Town, City, Plantation ELLSWORTH	Street, Road, Subdivision ROUTE 1A	Owner or Applicant Name KEN COLPAERT
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SITE PLAN:

SCALE: 1" = 50 FT.



W. G. 2

Site Evaluator's Signature

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S.E. #

7-26-17

Date

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept. of Health & Human Services
Division of Environmental Health, 11 915
(207) 287-5672 FAX (207) 287-4172

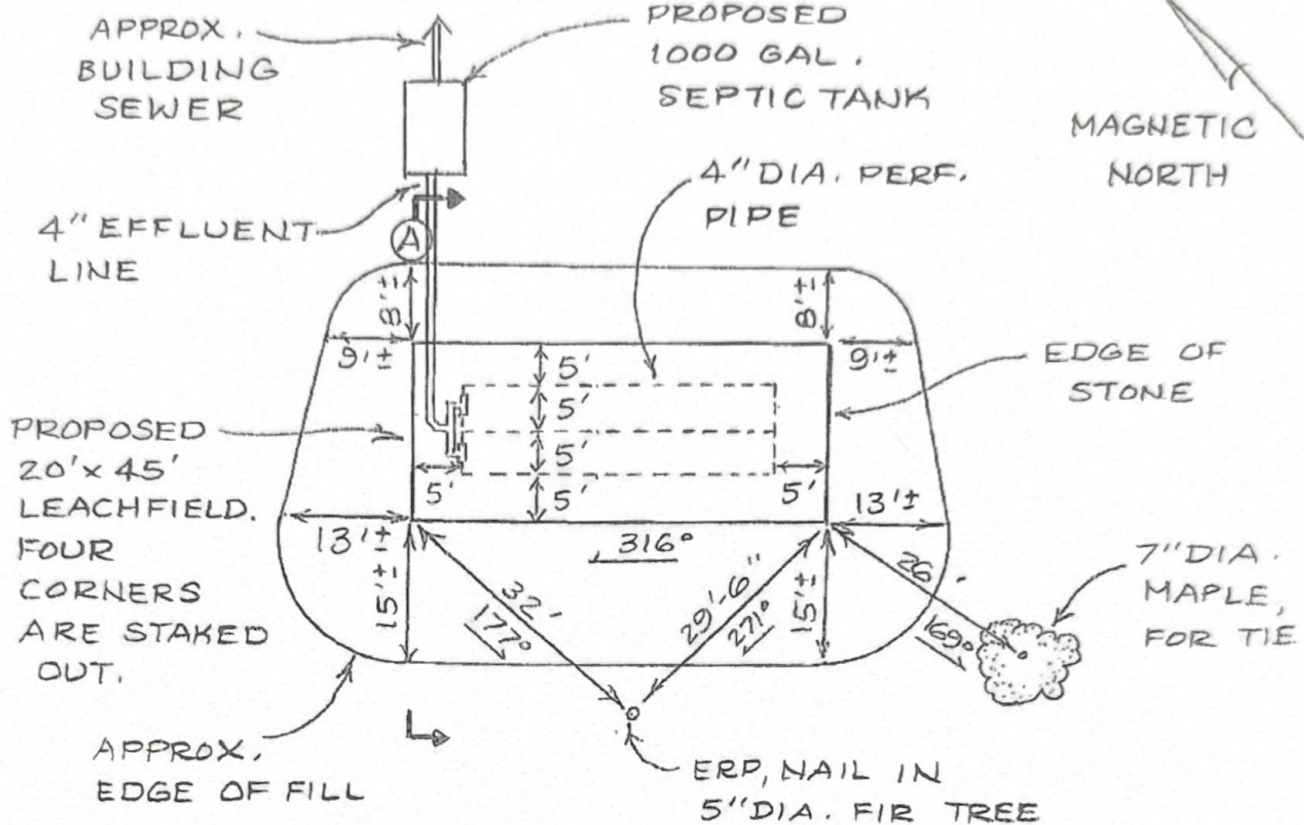
Town, City, Plantation
ELLSWORTH

Street, Road, Subdivision
ROUTE 1A

Owner or Applicant Name
KEN COLPAERT

SUBSURFACE WASTEWATER DISPOSAL PLAN PROPOSED HOUSE

SCALE: 1" = 20 FT.



FILL REQUIREMENTS		CONSTRUCTION ELEVATIONS		SYSTEM:	PRIVY:	ELEVATION REFERENCE POINT
Depth of Backfill (Upslope)	19"	Finished Grade Elevation	CROWN	-34"		Location & Description NAIL 81"
Depth of Backfill (Downslope)	30"	Top of Distribution Pipe or Proprietary Device		-49"	N/A	ABOVE GROUND IN 5" DIA.
Depths @ cross-section shown below or on X-sec. detail.		Bottom of Disposal Field		-60"		FIR TREE.
						Reference Elevation is: 0"

DISPOSAL AREA CROSS SECTION (SEE ATTACHED CROSS SECTION)

NOTES:

1. Tank(s) must be 8' minimum from building.
2. Grade surrounding area to divert surface water away from system.
3. Well to be 51' minimum from septic tank(s) and 100' minimum from disposal field.
4. All work done adjacent to wetlands and water bodies must be done in compliance with section 12 of the Subsurface Wastewater Disposal Rules. Erosion and sediment control measures must be in accordance with the March 2003 edition of the Maine DEP Handbook "Maine Erosion and Sediment Control BMPS" (DEPW0588).
5. Install septic tank(s) risers 18" in diameter "minimum" to within 6" of finished grade on inlet, cleanout and outlet covers (recommend extending risers to finish grade).
6. Full basement below grade foundation, frost wall or columns must be 20' minimum from edge of disposal field and slab on grade must be 15' minimum from edge of disposal field.

W.C.3

Site Evaluator's Signature

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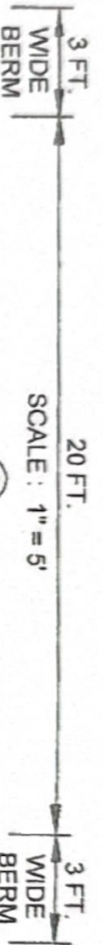
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Date

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DISPOSAL BED CROSS SECTION



NOTE:
GRADE UPSLOPE TO DIVERT
SURFACE WATER AWAY FROM
SYSTEM, ALSO DOWNSLOPE.

FILL MATERIAL SHALL BE 8"-12" THICK
OVER STONE AND SHALL BE GRAVELLY
COARSE SAND TO THE STANDARDS IN
SEC. 11-E IN THE SUBSURFACE RULES.

TOP 4" OF FILL TO BE A GOOD LOAM
SOIL MIX TO ESTABLISH A GOOD
VEGETATIVE COVER; SEED
AND MULCH TO PREVENT EROSION,
SEC. 11-G.

FILL EXTENSIONS
NO GREATER THAN 4:1,
(25% SLOPE).

2" COMPRESSED HAY (OR FILTER FABRIC) SEC. 11-F
PLACED OVER STONE.

FILL EXTENSIONS
NO GREATER THAN 4:1,
(25% SLOPE).

REMOVE VEGETATION AND SCARIFY
ORIGINAL SOIL UNDER ENTIRE FILL AREA,
SEC. 11-B.

ELEVATIONS:

ELEV. REF. PT. (ERP):

FINISHED GRADE:

TOP OF DISTRIBUTION PIPE:

BOTTOM OF STONE:

0"
-34" CROWN
-49"
-60"

BOTTOM OF STONE MUST BE
LEVEL WITH MAXIMUM GRADE
TOLERANCE OF 2" PER 100'.

12" CLEAN STONE,
(1 1/2" DIA.),
UNIFORM SIZE.

THOROUGHLY MIX, DISK OR ROTO-TILL
CLEAN, COARSE, SHARP SAND INTO
TOP 6 INCHES OF ORIGINAL SOIL TO
CREATE A TRANSITION ZONE, SEC. 11-B.

NOTE:

SYSTEM MUST BE INSTALLED ACCORDING
TO THE RULES AND PRACTICES SET FORTH
IN THE MOST CURRENT VERSION OF THE
STATE OF MAINE SUBSURFACE WASTEWATER
DISPOSAL RULES. INSTALLATION CONTRACTOR
MUST BE FAMILIAR WITH SAID RULES AND
CONSTRUCT SYSTEM IN FULL COMPLIANCE
WITH SECTION 11 OF SAID RULES.

OWNER: KEN COLPAERT

LOCATION: ELSWORTH

W.C. 2.7

WILLIAM A. LABELLE, JR.

319

S.E.#

DATE

7-26-17

DOC 17

Wastewater & Plumbing Control Program
Division of Health Engineering
Maine Department of Human Services

AFFIDAVIT OF SITE PREPARATION

This affidavit is to be completed by a certified system installer and submitted to the Local Plumbing Inspector to document compliance with Section 111.5.1 of the Maine Subsurface Wastewater Disposal Rules, 144 CMR 241. *Permission to utilize this document in lieu of a site preparation inspection by the Local Plumbing Inspector must be verified when the permit is issued.* This affidavit is *not* to be utilized in place of the system inspection described in Section 111.5.2 of the Rules.

INSTALLER NAME: BUDDY PALMER
(Please Print)

CERTIFICATION NUMBER: #16

SSWD PERMIT NUMBER: 6193

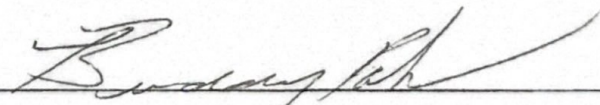
PERMIT ISSUE DATE: 11-9-17

PROPERTY OWNER NAME: Ken Colpaert

PROPERTY ADDRESS: Gilpatrick Rd.

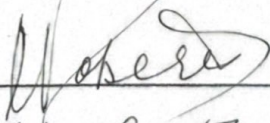
MUNICIPALITY: Ellsworth

By signing and submitting this document to the Local Plumbing Inspector, I certify that all construction activities noted in Section 111.5.1 including removal of all vegetation from the disposal field area and fill extensions as specified in Section 801.3; roughening of the ground surface as specified in Section 801.4; establishment of a transitional horizon as specified in Section 801.5; and placement of erosion control devices as specified in Section 801.2 have been completed in full compliance with the Maine Subsurface Wastewater Disposal Rules, 144 CMR 241 for the referenced SSWD permit.

INSTALLER SIGNATURE: 

DATE SUBMITTED: 11/29/17

By signing and accepting this document from the Certified Installer, I acknowledge that a site preparation inspection was not conducted for the referenced SSWD permit.

LPI SIGNATURE: 

ACCEPTANCE DATE: 11-29-17