

VERMONT AGENCY OF NATURAL RESOURCES
APPLICATION FOR COVERAGE UNDER THE
FLOOD HAZARD AREA & RIVER CORRIDOR GENERAL PERMIT
Reporting with Application Category

10 V.S.A. § 754



Category of Development Exempt from Municipal Regulation:

- State-owned or operated institution or facility
- Accepted agricultural or silvicultural practice
- Power generating, transmission, or telecommunication facility subject to Section 248/248a

Applicant Name T Copeland and Sons, Inc.

Mailing Address 156 Industrial Drive, Bradford, VT 05033

Phone (802) 222-9282x105 Cell (207) 841-5249 Email tim@copelandfurniture.com

Landowner (if different than applicant, attach easement) Bradford Properties, LLC

Landowner Mailing Address Same as applicant (both entities owned by same person)

Phone _____ Email _____

Consultant or Designer Catamount Solar, LLC Phone 728-3600 Email nathan@catamountsolar.com

Contractor Catamount Solar, LLC Phone 728-3600 Email nathan@catamountsolar.com

Project Location Address: 57 Industrial Drive Town Bradford, VT

River or Stream Name: Connecticut River Lat 43.98 Long -72.11

General description of proposed development:

New 500 kW AC net-metered solar PV system.

Eligible Activity (Section V(c)(1) of the General Permit¹):

Please check the box applicable to your proposed project. If none of the following apply, your project may require a different type of application or notice. For more information contact the regional floodplain manager: http://www.watershedmanagement.vt.gov/rivers/docs/rv_floodplain_regions.pdf

- Improvement or repair to an existing structure (walled/roofed building) in the flood hazard area, costing less than 50% of the fair market value of the structure.
- Construction or placement of an accessory structure less than 500 square feet in size in the flood hazard area, but not in the floodway or river corridor. The accessory structure must meet the Flood Hazard Area Standard in Section VI(b) of the General Permit.

¹ http://www.watershedmanagement.vt.gov/rivers/docs/2015_FHARC_GP.pdf

- New development that is located outside of the flood hazard area, but within the river corridor that complies with the requirements of Appendices A or B of the Flood Hazard Area and River Corridor Protection Procedure or that is within a designated center or farm production area and is not any closer to the river than immediately adjacent development.
- Restoration projects to restore natural floodplain function including berm removal, natural channel design, floodplain excavations, wetland habitat improvements, and dam removal.

Submittal requirements (please attach the following with this form as appropriate to the proposed development):

- A map clearly showing the location of the proposed activity. To expedite review and authorization, provide a map generated from the ANR Natural Resources Atlas showing the river corridor and flood hazard area (if available) (<http://anrmaps.vermont.gov/websites/anra/>);
- A written description of the proposed project that clearly indicates which activity will be conducted under Section V(c)(1) of the General Permit and provides sufficient technical details demonstrating how it will meet the Flood Hazard Area & River Corridor Standards (Section VI of the General Permit);
- For improvements or repairs to existing structures, the costs of materials, labor, and, for work in excess of \$5,000.00, and an estimate of fair market value (recent appraisal or tax assessment); and
- Contact information, including names and mailing addresses, and if available, email addresses and phone numbers, for adjoining landowners, contractors, and consultants.

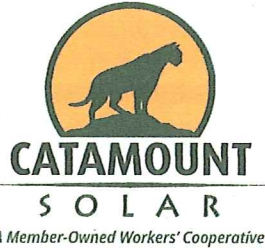
****APPLICANT MUST FILE COPY OF THIS APPLICATION WITH TOWN CLERK, ADJOINING LANDOWNERS, and LOCAL AND REGIONAL PLANNING COMMISSIONS****

CERTIFICATION: I hereby certify that the information on this application is, to the best of my knowledge, true and accurate and that I have provided a copy of this application to the clerk of the municipality in which this activity is located, the local and regional planning commissions, and to each adjoining landowner as required in the Vermont Flood Hazard Area & River Corridor Rule. **I recognize that by signing this application I am giving consent to employees of the State to enter the subject property for the purpose of processing this application and for ensuring compliance with subsequent agency decisions relating to the project.**

Print Full Name Tim Copeland

Applicant Signature  Pres. Date 2/4/16

Submit application to:
Department of Environmental Conservation – Rivers Program
One National Life Drive; Main 2 – Montpelier, VT 05620-3522
ANR.WSMDRivers@state.vt.us



Description of proposed project

The project will be a 500 kW AC net-metered solar PV system. It will consist of approx. 1,984 solar modules mounted on a driven post racking system. All required electrical gear will be mounted to the same racking system. Electrical tie-in will be to existing GMP distribution lines adjacent. New transformers will be pole-mounted to an existing utility pole.

The State of Vermont has not mapped the River Corridor in the area of the proposed project. It is in our opinion that the project will be entirely out of the River Corridor once mapped. Vermont Route 25 is in between the project and the Connecticut River. Vermont Route 25 is a federally aided roadway having a functional class designation of 7. The road will act as an artificial valley wall for the river corridor placing limit of the corridor at the eastern toe of slope of the road. The entire project west of Vermont Route 25 and therefore project will not lie within the river corridor.

Please direct questions to contract:

Catamount Solar
Attn: Nathan Stumpff – Project Manager
34 Pleasant St., Randolph, VT 05060
Office: (802) 728-3600
Mobile: (917) 992-7577
nathan@catamountsolar.com

Contact information for abutting landowners:

Bradford Properties LLC	156 Industrial Dr., Bradford VT 05033
Copeland Properties, Inc	c/o Tim Copeland, 156 Industrial Dr., Bradford, VT 05033
Pontiac Holdings LLC	10 Parade Ground Rd., Etna, NH 03750
Alvin J. Sharver	190 Baker Hill Rd. Lyme, NH 03768
Judith V. Bauer Trust	114 West Side Dr. North Haverhill NH 03774
Bradford Community Development Corp.	PO Box 852, Bradford VT 05033
F-W LLC	286 Waits River Rd. Bradford VT 05033

Service List

Clerk/Town of Bradford
172 North Main Street, PO Box 339
Bradford, VT 05033

Town of Bradford – Planning Commission
172 North Main Street PO Box 339
Bradford, VT 05033

Two Rivers- Ottauquechee Regional Commission
128 King Farm Road
Woodstock VT 05091

Bradford Properties LLC
156 Industrial Drive
Bradford, VT 05033

Copeland Properties, Inc.
c/o Tim Copeland
156 Industrial Drive
Bradford, VT 05033

Pontiac Holdings LLC
10 Parade Ground Road
Etna, NH 03750

Alvin J. Sharver
190 Baker Hill Road
Lyme, NH 03768

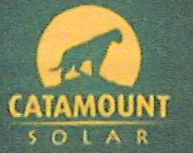
Judith V. Bauer Trust
114 West Side Drive,
North Haverhill NH 03774

Bradford Community Development Corporation
PO Box 852
Bradford VT 05033

F-W, LLC
286 Waits River Road,
Bradford, VT 05033



500 KW AC GRID-TIE SOLAR SYSTEM
 COPELAND FURNITURE
 WAITS RIVER ROAD
 BRADFORD, VT 05033



Catamount Solar
 34 Pleasant Street
 Randolph, VT 05060
 802/728-3600
<http://catamountsolar.com>

NEW POLE MOUNTED TRANSFORMERS
 AND METERING EQUIPMENT

UTILITY INTERCONNECTION AT
 EXISTING POLE

NEW 500 KW AC GROUND
 MOUNTED SOLAR ARRAY

ANR BASELINE MAP

PROJECT NAME
 COPELAND FURNITURE
 500 KW AC SOLAR ARRAY
 ADDRESS
 WAITS RIVER ROAD
 BRADFORD, VT 05033

DATE
 12/9/2015

REVISIONS

SHEET
 SITE PLAN

DRAWN BY
 NJS

SCALE

ORIGINAL SHEET SIZE
 11" x 17"

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LEGEND

- State Floodplain Permits
- Floodplain Development Review
- Commercial Mining
- Dredging
- Gravel Mining
- Dam
- Ledge
- Waterfall
- Weir
- Avulsion
- Braiding
- Flood Chute
- Neck Cut Off
- Migration
- Animal Crossing
- Stream Ford
- Berm
- Road
- Improved Path
- Railroad
- Bank Erosion**
 - Left Bank
 - Right Bank
- Mass Failure**
 - Left Bank
 - Right Bank
- Town Boundary

NOTES

Map created using ANR's Natural Resources Atlas

53.0 0 26.00 53.0 Meters

WGS_1984_Web_Mercator_Auxiliary_Sphere 1" = 88 Ft. 1cm = 11 Meters

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DISCLAIMER: This map is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. ANR and the State of Vermont make no representations of any kind, including but not limited to, the warranties of merchantability, or fitness for a particular use, nor are any such warranties to be implied with respect to the data on this map.