



**VERMONT AGENCY OF TRANSPORTATION
Operations Division**

2016 Right of Way Pesticide Permit Application

REQUEST FOR PERMIT TO CONDUCT RIGHTS-OF-WAY SPRAYING

Request is hereby made, pursuant to Title 6 V.S.A., Chapter 87, and the regulations issued pursuant thereto, for an approved permit to conduct spraying on rights-of-way within the State of Vermont.

A. General Information

1. Title of Organization: Vermont Agency of Transportation

2. Address: One National Life Drive

Montpelier, Vermont 05633

3. Telephone Number: (802) 498-4947

4. Contact Person: Jennifer Callahan

5. Type of Right-of-Way:

- a. Electric Power Transmission Line
- b. Electric Power Distribution Line
- c. Telephone Line
- d. Highway
- e. Pipeline (Specify: Gas, Soil, Water)
- f. Railroad
- g. Airport Approaches and Safety Zones
- h. Other – Describe (Worker Protection – Poisonous Plants)

6. Type of Treatment

- a. Selective Basal
- b. Stump Treatment
- c. Dormant Cane (Broadcast Basal)
- d. Soil Applications (Soil Sterilant)
- e. Ground Broadcast Stem-Foliage
- f. Stem Injection (Frill Treatment)
- g. Other - Describe:

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7. Railroad Right-of-Way Treatment

- ___ a. Ballast
- ___ b. Shoulder

B. Site Specific Information

1. List Towns where Treatment will be Made: State wide guardrail treatment and select locations for worker protection.
2. Total Acreage to be Treated Total Acres: 750
Ground Application Acres: 750
3. Width of Right-of-Way Feet : 50 to 500
4. Width of Area In Right-of-Way to be Treated Feet: 4 feet (Guardrail) varies by broadcast
5. Anticipated Starting Date: May 1, 2016

C. Special Needs - Treatment Within Buffer Strips

1. Specific Areas where Application is to be Made: Spot areas for poison Ivy. Within ten feet of water's edge.
2. Type of Vegetation to be Controlled: Poison Ivy
3. Pesticide(s) to be Applied (List Here and in Section E): Rodeo
4. Rate of Application (List Here and in Section E): 1.25 % or up to 4 quarts/acre
5. Application Technique to be Implemented: Hand held or truck mounted source with hand held applicator.
6. Application Equipment to be Used: Hand held hose or back pack sprayer.
7. Explain how this Request will Protect Sensitive Areas, Sensitive Crops, Site Conditions, Wells, etc.:
Use of Aquatic labeled herbicide, treatment using low rates and delineation of treatment area.

D(1). Contractor Information

1. Contractor's Name: Johnathan Kopera or Michael Couture
2. Company Name: Vegetation Control Services, Inc
3. Company Address: 2342 Main Street
Athol MA. 01331
4. Current Vermont Applicator Certificate Number: See Attachment A (VCS)
5. Company Telephone Number: (978) 249-5348

D(2). Contractor Information

1. Contractor's Name: Paul Capachione
2. Company Name: DeAngelo Brothers, LLC
3. Company Address: 100 North Conahan Drive
Hazleton PA 18201-7355
4. Current Vermont Applicator Certificate Number: See Attachment A (DBI)
5. Company Telephone Number: (518) 657-6035

D(3). Contractor Information

1. Contractor's Name: Jeff Meers
2. Company Name: TruGreen, LP

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3. Company Address: 3 Fritz Blvd.
Albany, NY 12205

4. Current Vermont Applicator Certificate Number: See Attachment A (TruGreen)

5. Company Telephone Number: (518) 456-8504

D(4). Contractor Information

1. Contractor's Name: Scott Fisher

2. Company Name: New England Environmental, Inc

3. Company Address: 15 Research Drive
Amherst, MA 01002

4. Current Vermont Applicator Certificate Number: See Attachment A (NEE)

5. Company Telephone Number: (413) 256-0202

E. Control Details

Pesticides to be used and rates to be applied. If more than one chemical is listed, a summary of the uses intended for each chemical must be provided. The summary should state whether the chemical will be mixed or applied separately, specifying which chemicals will control what types of vegetation. (Please Note: A copy of a label, MSDS sheet and EPA Fact Sheet [if available] must be supplied for each chemical to be used.)

Trade Name	Common Name of Active Ingredient(s)	EPA Reg. Number	Applic. Rate Product/Acre	Vegetation to Be Controlled	Type of Application and Equipment to be Used
Example: GARLON 4	Triclopyr	62719-40	0.25-1.25 gal/acre	Undesirable Tree Species	Low Volume Basal & Stump Backpack Sprayer
Garlon 4 Ultra	Triclopyr	62719-527	1 to 1.25 gal/A	Tree & Brush	Low Volume basal & Stump Broadcast, Backpack & truck mounted.
Garlon 3A	Triclopyr	62719-37	2/3rds gal/A	Tree & Brush	Same
Oust Extra	Sulfometron	352-662	4 oz/A	Guardrail	Truck Mounted
Escort	Metsulfuron	352-439	1/3rd oz/A	Turf	Truck Mounted
Krenite S	Fosamine	42750-247	2 gal/A	Tree & Brush	Truck Mounted & Back Pack
Rodeo	Glyphosate	62719-324	1/2 gal/A 1 gal/A	Guardrail Brush and Poison Ivy	Truck Mounted & Back Pack

F. Methods of Notification

1. List the Newspapers in which you will Advertise this Application to Comply with Section IV, 4.b., of the Vermont Regulations for Control of Pesticides.

a) See Attachment B

b)

2. Please Indicate Other Notification Option Chosen to Comply with Section IV, 4.c, of the Vermont Regulations for Control of Pesticides.

See Attachment C, Radio herbicide ad list

G. Other Information To Be Submitted With Application

1. Two (2) Sets of Geodetic (in 7.5 minute scale) or Orthophoto Maps indicating the Right-of-Way to be Treated. (Only one set of maps is needed if maps have been previously submitted and revisions have not been made.) See attached mapping
2. Current Labelling for each Pesticide to be Used. See Attachment D
3. Current Material Safety Data Sheet (MSDS) for each Pesticide to be Used. See Attachment E
4. Current Environmental Protection Agency Pesticide Fact Sheet (if available). See Attachment F

The undersigned accepts full responsibility for all statutes and regulations of the State of Vermont and understands that any authorization is limited to the described materials, locations and time periods stated herein.

The undersigned further understands that weekly spray and dusting operations must be reported to the Vermont Agency of Agriculture. Such written report shall be on forms furnished by the Secretary of Agriculture and placed in the mail not later than the close of business on the Monday following the week's operation.

3-28-16

Date

Jennifer Callahan
Signature of Applicant

(NOTE: Additional sheets may be attached to include further information.)

Attachment A

In order:

Vegetation Control Services, Inc (VCS) (1 page)

DeAngelo Brothers, LLC (DBI) (2 pages)

TruGreen (TruGreen) (3 pages)

New England Environmental (NEE) (2 pages)

D: The following Vegetation Control Service, Inc. employees will be allocated to Vermont Agency of Transportations (RFP) - Vegetation Management Service, if awarded contract.

NAME	PESTICIDE LICENSE	YEARS AT VCS
Michael Couture	VT Category 6	10
Steve Salkaus	VT Category 6	16
Andrew Powers	VT Category 6	17
Andrew Priestley	VT Category 6	8
Timothy Prue	VT category 6	26



GLOBAL LEADER IN INFRASTRUCTURE
OPERATIONS AND MAINTENANCE

DeAngelo Brothers, LLC Licenses for Vermont

State	Name	License#	CAT	Years with company
VT	Bump David	938-4839	6	10
	Cartier Jacques	938-4002	6R	6
	Elliot Edward	938-4519	6	12
	Gregory Steven	938-3368 (recipr	6	15
	Hansbury Michael	938-4838	6	7
	Harrison Mark	938-4000	6	22
	Mundie Thomas	938-4001	6	18
	Pavlichko John	938-4442	6 5	8



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OPERATIONS AND MAINTENANCE

Continued

State	Name	License#	CAT	years with company
VT	Simmonds William	938-2623	6	15
	Sinclair Steve	938-2612	6	24
	Yeick Tiffany	938-4513	6	8

V. Key Personnel Managing and Executing VTrans Vegetation Management Assignments

The following personnel are currently, and will continue to be, involved in the management and execution of VTrans Vegetation Management assignments:

Mark Miller, Region Technical and Compliance Manager

Mark has been with TruGreen for 3 years. Mark has a Master's of Science Degree from Michigan State University in Crop and Soil Sciences specializing in Turf Management. His role will be to select appropriate products based on desired results, potential environmental impacts, and current regulations. Mark would also be involved with equipment selection, calibration, and training on proper application technique to ensure safety to humans, animals, and the environment.

Scott Kirby, Albany/Burlington General Manager – 3A Certificate # C4884893

Scott has been with TruGreen for 27 years. Scott has spent much of his career coordinating large commercial projects. For VTrans, Scott will be reviewing all contracts and RFPs, putting together the necessary equipment and personnel, and ultimately be responsible for the implementation of safety procedures.

Andy Tozier, Albany Operations Manager - 3A/3B Certificate # 382-4237

Andy, having been with TruGreen for 28 years, has coordinated much of the county roadside vegetation management work out of our Albany branch. He has played an integral role in preparing and planning large vegetation management projects, and will continue to act as a consultant for this opportunity with VTrans.

Jesse Appelbaum, Burlington Service Manager/Applicator - 3A/3B Certificate # 382-4541

Jesse has been with TruGreen for 6 years. Jesse will be overseeing the daily operations and activities related to any contracts with VTrans. He will be filling the trucks, dispatching, and often performing the applications.

Sam Jones, Commercial Pesticide Applicator - 3B Certificate # 382-4800

Sam has been with TruGreen for 4 years. Sam will be the primary applicator assigned to this project.

Kyle Kannon, Commercial Pesticide Applicator - 3A/3B Certificate # 382-4749

Kyle has been with TruGreen for **4 years**. When needed, Kyle has the experience necessary to perform applicator duties for this project.

Laura Fosmire, Commercial Account Specialist

Laura has been with TruGreen for **13 years**. She will be providing support for administrative tasks including work scheduling, advanced notification of work, providing MSDS and product labels, and can tailor our billing schedule to meet the needs of VTrans.

Jeff Meers, Business Development - Albany/Burlington – 3A Certificate # C4832795

Jeff has been with TruGreen for **6 years** and industry experience of 16 years. Jeff will be the point of contact for any and all correspondence and questions between TruGreen and VTrans. He will be coordinating efforts to make sure all contract specifics are under the proper consideration, and providing the proposals for any RFPs. He will be inspecting the quality of our work for VTrans to ensure it meets the standards of both TruGreen and VTrans.

Michael Hankins, Division Safety Manager

Michael will be available to ensure that we are in compliance with TruGreen's Safety requirements and in compliance with the MUTCD for all applicable projects for VTrans.

Tom Calahan, Region Commercial Sales Manager

Tom has been with TruGreen for **15 years**. Tom will be assessing accountability for tasks related to ensuring the overall stability of the production, quality, and potential growth of work performed for VTrans.

VI. Additional Qualified Staff

Besides the core personnel described above, additional technical staff will be made available when needed due to unforeseen circumstances, to ensure work is completed in a timely manner, and if the amount of work available for VTrans exceeds the limits of our initial technical personnel. Below is a listing of our available qualified, licensed, and tenured commercial applicators:

- Thomas Sheller, 14 years - 3B Certificate # 382-4756
- Matthew Murphy, 10 years - 3A/3B Certificate # 382-4479
- James Kessler, 10 years - 3B Certificate # 382-4755
- Fred Cuva, 27 years - 3A/3B Certificate # 382-4476
- Joseph Young, 31 years - 3B Certificate # 382-4754

VII. Subcontracting

TruGreen does not expect, or intend to subcontract any of the work assigned under this contract.

It is our intention to provide this work in all Districts of the State. We can provide vegetation services as early or late in the growing season as necessary. The physical project and project management will be conducted out of our Ludlow, Vermont office. Our staff includes Professional Wetland Scientists, rare species experts, licensed soil scientists, erosion control and stormwater specialists, landscape architects, engineers, restoration specialists and Licensed Herbicide Applicators. Our applicators are licensed in eight states including Vermont, and have a great deal of experience controlling non native invasive plant species including all of the species associated with this contract. Any additional submittal information required beyond those included herein can be submitted upon request. The following is the technical information associated with the solicitation:

PERSONNEL

NEE currently employs 4 staff members that are valid Licensed Commercial Pesticide Applicators in the State of Vermont. A copy of the applicators current licenses are attached to this proposal. All of our applicators fully comprehend Vermont State pesticide regulations and have a great deal of experience with all of the application techniques and herbicides associated with this solicitation. All staff members have received OSHA training and are certified in first aid and CPR. All work related to this project including herbicide applications will be performed by the following full time NEE staff.

SCOTT FISHER – VICE PRESIDENT-RESTORATION DIVISION/HERBICIDE APPLICATOR

Mr. Fisher has been a licensed pesticide applicator for over 15 years and is a Vermont Certified Applicator (1327-4268). Mr. Fisher is the Vice President of the Restoration Division at NEE. The Restoration Division's primary focus is in the implementation of projects associated with ecological restoration including vegetation management, invasive species control and habitat improvement. Mr. Fisher has led projects throughout the Northeast involving multiple restoration disciplines and has provided terrestrial, wetland and aquatic control on project sites up to 75 acres in size.

MATTHEW LEWIS – FOREMAN

Mr. Lewis is a Certified Pesticide Applicator in Vermont (1327-4270). Mr. Lewis will manage the project and coordinate the work activities and act as the primary contact/foreman for this project. Mr. Lewis has a B.S. in Recreation & Leisure Service Management with an emphasis in outdoor recreation and park management. He has experience (previous employer) in trail construction, maintenance and has been responsible for community outreach while leading trail maintenance for the City of Boulder, CO. He has worked for MA DCR and was responsible for park maintenance and visitor education and outreach. He is a Certified Erosion, Sediment and Storm Water Inspector #0274.

Mr. Lewis has been a practicing licensed herbicide applicator for ten years and has participated in projects involving the control of many plant species. Mr. Lewis has a strong understanding of all of the associated methods for vegetation management, chemical formulations, safety and use standards and practices required under law to protect the environment and the applicator.

RYAN JOYCE – NATURAL RESOURCE PROFESSIONAL /HERBICIDE APPLICATOR

Mr. Joyce is a Certified Pesticide Applicator in Vermont (1327-4271). Mr. Joyce has participated in vegetation management projects throughout New England involving a broad range of control techniques

and target plant species. He is also a Certified Professional in Erosion and Sediment Control (CPESC#6976) Certified Erosion, Sediment and Storm Water Inspector (CESSWI#0359).

JESSE LAFORD – NATURAL RESOURCE PROFESSIONAL / HERBICIDE APPLICATOR

Mr. Laford is a Certified Pesticide Applicator in Vermont (1327-4269). Mr. Laford has participated in vegetation management projects throughout New England involving a broad range of control techniques and target plant species. He is also a Certified Erosion, Sediment and Storm Water Inspector (CESSWI#0559).

Attachment B

List of Newspapers

Text of Public Notice

Addison County Independent

Addison County

PO Box 31

Middlebury, VT 05733

Bennington Banner

Bennington County

425 Main Street

PO Box 5027

Bennington, VT 05201-5027

Brattleboro Reformer

Windham County

PO Box 802

Brattleboro, VT 05302-0802

Burlington Free Press

Grand Isle, Franklin, Orleans, Essex, Lamoille

191 College Street

Chittenden, Washington and Rutland Counties

PO Box 10

Burlington, VT 05402

Caledonia Record

Caledonia County

190 Federal Street

PO Box 8

St. Johnsbury, VT 05819

Eagle Times

Windsor County

RR 2 Box 301

Claremont, NH 03743

Vermont Agency of Transportation

Public Notice Herbicide Spraying

The Vermont Agency of Transportation (VTrans) has requested from the Secretary of Agriculture, Food and Markets, a permit to apply the following herbicides: Garlon 4 ULTRA, Garlon 3A, Oust Extra, Escort, Krenite S and Rodeo to control unwanted vegetation along all State highways and at State airports. Operations are authorized to start approximately May 1, 2016 but will not begin until the appropriate notification requirements are completed. The application will be made by certified pesticide applicator using mechanically controlled equipment and hand controlled methods. The methods employed are intended to avoid or eliminate drift. Resident along the rights-of-way (ROW) are encouraged to protect sensitive environments or water supplies within 100 feet of the ROW limits. Residents should notify VTrans of the existence any water supplies within 100 feet of the State's ROW. Citizens wishing to inform VTrans are urged to contact the nearest District Transportation Administrator as follows: District 1 - Bennington - (802) 447-2790, District 2 - Dummerston - (802) 254-5011, District 3 - Mendon - (802) 786-5826. District 4 - White River Junction - (802) 295-8888, District 5 - Colchester - (802) 655-1580, District 7 - St. Johnsbury - (802) 748-6670, District 8 - St. Albans - (802) 524-5926, District 9 - Derby - (802) 334-7934. The contact person at the State Highway Department Headquarters is Jennifer Callahan, Stormwater Technician, One National Life Drive, Montpelier, VT, 05633-5001, (802) 498-4947 or Jennifer.Callahan@vermont.gov. Contact can also be made using the VTrans Internet Web page at www.aot.state.vt.us/maint/mainhome.htm

The appropriate place to contact with comments other than VTrans is the Agency of Agriculture, Food and Markets, Agriculture Resource Management and Environmental Stewardship, 116 State Street, Montpelier, VT 05602, (802) 828-2431. The link to their web page that would describe VTrans herbicide application permit request can be found at www.VermontAgriculture.com

Attachment C

List of Radio Stations

Text of Public Notice

WGMT Radio
PO Box 97
Lyndonville, VT 05851

Caledonia County

WIKE Radio
PO Box 1490
Newport, VT 05855

Orleans and Essex Counties

WKXH Radio
PO Box 249
St. Johnsbury, VT 05819

Caledonia County

WBTN Radio
407 Harwood Hill
Bennington, VT 05201

Bennington and Rutland Counties

WDEV Radio
PO Box 550
Waterbury, VT 05676

Washington, Lamoille, Orange, Windsor
Chittenden and Addison Counties

WTSA Radio
PO Box 819
Brattleboro, VT 05301

Windham County

WEZF Radio
265 Hedgeman Av
Colchester, VT 05446

Chittenden, Lamoille, Orleans, Windsor, Caledonia
Grand Isle, Washington, Franklin, Addison
and Orange Counties

Vermont Agency of Transportation

Public Notice (Radio)

Herbicide Spraying

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Resident along the rights-of-way (ROW) are encouraged to protect sensitive environments or water supplies within 100 feet of the ROW limits. Residents should notify VTrans of the existence any water supply within 100 feet of the State's ROW. Citizens wishing to inform VTrans are urged to contact the nearest VTrans District Transportation Administrator.

The contact person at the State Highway Department Headquarters is Jennifer Callahan, Stormwater Technician, One National Life Drive, Montpelier, VT, 05633-5001, (802) 498-4947 or *Jennifer.Callahan@vermont.gov*.

The appropriate contact with comments other than VTrans is the Agency of Agriculture, Food and Markets, Agriculture Resource Management and Environmental Stewardship, 116 State Street, Montpelier, VT 05602, (802) 828-2431.

Attachment D

Current Labels

Attachment E

Current SDS(s)