



Water and Wastewater – Site Design
Stormwater Management – Environmental Consulting

2044 Main Road Huntington, Vermont 05462
Phone: 802-434-2989 email: dean@groverengineeringpc.com

March 26, 2014

Mr. Cary Giguere, Agrichemical Management Section Chief
Vermont Agency of Agriculture
Agricultural Resource Management & Environmental Stewardship
116 State Street
Montpelier, VT 05620

Re: Request for Permit to Conduct Rights-of-Way Spraying
New England Central Railroad

Dear Cary:

On behalf of New England Central Railroad, we have prepared the enclosed Request for Permit to Conduct Rights-of-Way Spraying for herbicide application during the spring and summer of 2014. Fourteen copies of the signed application are enclosed. Please note that New England Central Railroad was purchased by Genesee & Wyoming Railroad in 2013 and you may see those names used interchangeably in the future.

There are several other changes since 2013, with the Asplundh performing the spraying this year. There are also some changes being made to the control details. In particular, while no aquatically labeled glyphosate will be used, spraying will be limited to 15-feet from surface waters rather than the 2-foot limit in previous years.

We have provided a complete list of public well locations in this application, including those that were listed previously. This is attached to the application. We have also attached sample radio and newspaper ads we plan on using to meet the public notification requirements.

Should you have any questions or concerns, please don't hesitate to contact me.

Sincerely,

Michael Mainer
Engineering Intern
Grover Engineering PC

Enclosures

Cc: Raymond Young, Asplundh the Tree Expert Co. Railroad Division
Michael Olmstead, New England Central Railroad/Genesee & Wyoming Railroad

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: **New England Central Railroad**
2. Address: **2 Federal Street, Suite 201
St. Albans, VT 05478**
3. Telephone Number: **802-434-2989 (Grover Engineering)**
4. Contact Person: **Dean A. Grover, P.E., Grover Engineering PC
2044 Main Road, Huntington, VT 05462**

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, Oil, Water)
- f. Railroad
- g. Airport Approaches and Safety Zones
- h. Other - Describe

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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4. Rate of Application (List Here and in Section E):

53.8% Glyphosate @ 3 pints/acre
EsplAnade @ 4 oz/acre
Oust Extra @ 3 oz/acre
Streamline @ 6 oz/acre

5. Application Technique to be Implemented:

Broadcast application.

6. Application Equipment to be Used:

Hi-Rail truck with nozzles on fixed booms 18-inches above rails.

7. Explain how this Request will Protect Sensitive Areas, Sensitive Crops, Site Conditions, Wells, etc.:

Sensitive areas identified in the field will be flagged prior to spraying. We request that the requirement to wait 30 days or one inch of rain has fallen to be waived for Accord glyphosate application and that ballast work be permitted after 5 days.

D. Contractor Information

1. Contractor's Name: **Garland Plymale**
2. Company Name: **Asplundh the Tree Expert Co Railroad Div.**
3. Company Address: **720 County Road 400, Ironton, OH 34538**
4. Current Vermont Applicator Certificate Number: **70-2084vt**
5. Company Telephone Number: **740-532-7035**

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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.)

Accord	53.6 % Glyphosate	62719-517	3 pt/acre	Weeds, Grass, Broadleaves	Highrail truck with fixed boom 18" above rails
Esplanade 200 SC	Indaziflam	432-1516	4 ozs/acre	Weeds, Grass, Broadleaves	Same as above
Streamline	Aminocyclopyrachlon & Metsulfuron Methyl	352-848	6 ozs/acre	Weeds, Grass, Broadleaves	Same as above
Oust Extra	Sulfometuron Methyl Metsulfuron Methyl	352-622	3 ozs/acre	Weeds, Grass, Broadleaves	Same as above
*					Accord, Esplanade 200 SC, Streamline and Oust Extra to be mixed in 30/40 gallons of water per acre

Please Note: A drift agent "41-A" Manufactured by SanAg will be added to all formulations to reduce the chance of drift to non-targeted areas and post-emergent treatments in addition to "41-A" will have an adjuvant "Sil-Fact" manufactured by Drexel added to allow for better intake of the herbicide by the plant.

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.

Seven Days or the Burlington Free Press, Barre Times Argus, Eagle Times, St. Albans Daily Messenger, Brattleboro Reformer, Bellows Falls Town Crier (or other newspapers providing approximately equal coverage).

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

Radio Announcements: WCVR, WSSH, WEZF, WRSA, WSKI, WKVT, WDEV (or other stations providing approximately equal coverage).

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.)

Previously submitted.

2. Current Labeling for each Pesticide to be Used.

Submitted separately

3. Current Material Safety Data Sheet (MSDS) for each Pesticide to be used.

Submitted separately

4. Current Environmental Protection Agency Pesticide Fact Sheet (if available).

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.

3/27/2014
Date


Signature of Applicant

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Attachment: Public Well Locations

LAT	LONG	WSID	System_Name	System_Type	System_Status	Population	Facility_NAME	Facility_J
43.823283	-72.564544	VT0001852	FOX STAND INN	NC	I	77	PRIVATE DRIVEN	WL001
44.424698	-73.013436	VT0002309	KITCHEN TABLE BISTRO	NC	A	2	PRIVATE DRILLED	WL001
42.962742	-72.521378	VT0008312	PUTNEY PAPER CONVERTING PLANT	NTNC	I	100	WELL	WL001
43.823250	-72.593849	VT0020359	CLIFFORD OF VERMONT	NTNC	A	37	WELL	WL001
44.424654	-73.013524	VT0004031	KITCHEN TABLE BISTRO	NP	I	0	PRIVATE DRILLED	WL001
44.295611	-72.682611	VT0021196	STRIDER DEVELOPMENT, LLC	NC	A	117	WELL #1	WL001
44.491861	-73.210166	VT0021335	MCNEIL GENERATING STATION	NP	A	0	WELL #2	WL002
43.085560	-72.438620	VT0021379	WESTMINSTER IRVING/CIRCLE K	NC	A	32	WELL #1	WL001

Derived from the Vermont Agency of Natural Resources Natural Resources Atlas, using the Railroad Well Finder, 3/25/2014

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