

Town of Belchertown, MA



2026

Yearly Operational Plan (YOP)

This Yearly Operational Plan (YOP) submitted to the Department of Agricultural Resources pursuant to the Rights of Way Management Regulations (333 CMR 11.00), has been reviewed and is recommended for adoption in the named municipality. The undersigned hereby acknowledges to adopt and comply with the conditions of the Yearly Operational Plan. The Yearly Operational Plan will be effective for the 2026 calendar year unless sooner modified or revoked by the Department.

Town of Belchertown

Department of Public Works

290 Jackson Street, Belchertown, MA 01007

Tel: 413 323-0415

Primary Contact: Max Bock, Supervisor

Max Bock

1.12.2026

Signature/Max Bock

Date

A copy of this document should be kept on file in the municipality offices. Please send the original to the Massachusetts Department of Food and Agricultural with the approved Vegetation Management Plan at Massachusetts Department of Food and Agriculture, Pesticide Bureau, Rights of Way Program, 251 Causeway Street Suite 500, Boston Massachusetts 02114-2151.

The Conservation Commission, Board of Health and chief elected official in the community must receive a copy of this signed page and the entire Yearly Operational Plan and Vegetation Management Plan

TABLE OF CONTENTS

Introduction	3
Methods of Vegetation Management	3
Operational Guidelines for Applicators and Herbicide Use	5
Summary of Application and Control Methods	6
Rights of Way Materials List	7
Process, References and Sources for Identifying Sensitive Areas and Control Strategies Proposed for Sensitive Areas	7
Sensitive Area Restriction Guide	10
Methods Used to Designate Sensitive Areas	12
Procedures and Locations for Handling, Mixing, and Loading of Herbicide Concentrate	12
Plan to Address Spills and Related Accidents	12
Contractor Performing Herbicide Applications	14
Individual Representing the YOP Applicant/Supervising Rights of Way To Be Treated 2026	14
APPENDIX A: Herbicide Fact Sheets	15
APPENDIX B: Product Labels	15
APPENDIX C: NHESP Map & Annual ROW Spray	16

YEARLY OPERATIONAL PLAN 2026

INTRODUCTION

The Town of Belchertown plans to follow an Integrated Vegetation Management (IVM) program to reduce the reliance on herbicides. Integrated Vegetation Management for Rights-of-Way (ROW) maintenance includes multiple techniques to control unwanted vegetation in a manner which considers the sensitivity of the environment and follows best management practices. The Town of Belchertown plans to submit and abide by this Yearly Operational Plan (YOP) in accordance with the Massachusetts Rights-of-Way Management Regulations (333 CMR 11.00) and the goals and objectives of the Vegetation Management Plan (VMP) approved by the Department of Agricultural Resources dated March 17th, 2026.

METHODS OF VEGETATION MANAGEMENT

The objective of vegetation management within and along the boundaries of ROW is to prevent or reduce defects that obstruct, hinder or incommode travelers within the ROW. Mechanical cutting and mowing of most conditions will achieve the objective, however, there are conditions that will require action by herbicide application.

Public Health Nuisance Vegetation

The control of public health nuisance vegetation within and along the ROW is a key objective of the IVM plan. Due to the low growing nature of some plants and stoloniferous growth habits, such as Poison Ivy (*Toxicodendron radicans*), cultivation, hand pulling or mowing are not effective. Herbicide applications will be made in accordance with applicable laws, the herbicide manufacturer label.

Nuisance Woody Plants, Grass and Broadleaf Weeds

At times factors such as growth habit, terrain and location of target vegetation may require herbicide applications. Herbicide applications will be made in accordance with applicable laws, the VMP and manufacturer label.

Vegetation Which Creates a Risk Condition

At times factors such as growth habit, terrain and location of target vegetation may require herbicide applications. Herbicide applications will be made in accordance with applicable laws, this VMP and manufacturer label.

ROW vegetation management will consist of three method categories.

Cultural Control

Mulching- Mulching of planting beds and ROW boundaries where appropriate to reduce undesirable vegetation.

Street Sweeping- Street Sweeping with a mechanical street sweeper to remove soils on edges of curbing and roadside berms. This action reduces the likelihood of target vegetation germination and establishment.

Crack Sealing- Performed, when possible, to limit target vegetation growth by filling in cracks with sealer.

Mechanical Control

Selective Trimming- Mechanical pruning of woody plant material that may obstruct, hinder, or incommode travelers within the ROW.

Hand Cutting- Mechanical cutting of targeted woody plant material as close to the ground as practical. Hand cutting is used to protect environmentally sensitive sites or non-target vegetation.

Hand Pulling- Pulling targeted grass and broadleaf weeds by hand.

Mowing- Mechanical cutting of target vegetation using machines such as a power trimmer, push mower, riding mower or other similar equipment.

Chemical Control

Herbicide Application- Using herbicides where and when such use is most appropriate according to applicable regulations and the herbicide label.

Within All Areas

- The minimum labeled rate of herbicide for the appropriate site, target pest, and application method shall be applied.

Within Sensitive Areas

- The minimum labeled rate of herbicide for the appropriate site, target pest, and application method shall be applied
- Herbicides shall be applied selectively by low pressure foliar techniques or stem application only or other methods approved by the Department of Agricultural Resources in accordance with herbicide labels
- Only herbicides from the MDAR Sensitive Areas Materials List will be used.

Cut Stem- Cutting target vegetation immediately followed by an herbicide application. Herbicide applications will be made in accordance with applicable law and by following the manufacturer label.

OPERATIONAL GUIDELINES FOR APPICATORS AND HERBICIDE USE

Massachusetts Pesticide Control Act and 333 CMR 11.00

All applicators and herbicide applications shall abide by Massachusetts General Law Chapter 132B (Massachusetts Pesticide Control Act) and 333 CMR 11.00.

(Operational Guidelines for Applicators and Herbicide Use-CONTINUED)

Manufacturer Label, Best Management Practices, Weather

All herbicide applications shall follow label instructions in a manner consistent with best management practices.

Calibration

Application equipment shall be calibrated in accordance with manufactures recommendation and best management practices. Application equipment shall be calibrated to maintain an operating pressure not to exceed sixty pounds per square inch and nozzles shall be adjusted to exclude drift and avoid run off.

Cleaning

Equipment used for the purpose of herbicide application shall be cleaned in an appropriate location which avoids sensitive areas.

Vehicles used in application operations shall be equipped with a bag of absorbent, activated charcoal, leak-proof containers, a broom and a shovel in case of minor spills.

A log of herbicides on vehicle will be kept within the vehicle

Product labels, fact sheets, the VMP, YOP, and Herbicide Spill Check List will be carried on site by the applicator.

Private Property

In general, the Belchertown Department of Public Works does not trespass or enter upon land to perform work on private property with the exception of eliminating a Public Nuisance.

Notifications

The Belchertown Department of Public Works shall notify its Selectboard, Board of Health, and the Belchertown Water Department at least twenty-one days in advance of the application of herbicides to ROWs. The notice shall include the approximate date when the application will occur and the application shall occur no later than ten days after approximate date reported. The notice shall also include a copy of the MDAR approved product fact sheets for the active ingredient, name or names of applicators, or the name of the company contracted to conduct the application.

Prior to any herbicide application within a ROW notice shall be provided in accordance with 333 CMR 11.07(3)

SUMMARY OF APPLICATIONS AND CONTROL METHODS

Target	Techniques	Comments
Poison Ivy	Herbicide Application	May be growing within 10 feet of ROW. Application will be excluded within no spray zones and sensitive areas
Grass and Broadleaf Weeds	Mulching Mowing Hand pulling Herbicide Application	Preventative measures for planting beds In most cases When warranted Spot treatment of grass growing along guiderails or in cracks where mowing or cutting is not practical or safe
Low Growth (Generally ground cover)	Mulching Mowing Herbicide Application Hand Cutting	Woodchips as a preventative measure along ROW boundary In most cases, option for sensitive areas When and where appropriate Terrain prevents mowing and re-sprouting is not a concern, option for sensitive areas
Tall Growth (Generally taller than ground cover, but less than 12 feet in height. Woody and Non-woody plants)	Selective trimming Hand cutting Cut stem treatment	For risk conditions For risk conditions For species less than 12 feet in height that are capable of re-sprouting

RIGHTS OF WAY MATERIALS LIST

The products chosen for this YOP and approved VMP shall comply with the Rights of Way Sensitive Area Materials List available at <https://www.mass.gov/service-details/rights-of-way-sensitive-area-materials-list>

Rights of Way Materials List

Trade Name	Active Ingredient	EPA Reg #	Application Rate
Round Up Pro	Glyphosate	524-475	Lowest Labeled Rate for Appropriate Site
Razor	Glyphosate	228-366	Lowest Labeled Rate for Appropriate Site
Razor-Pro	Glyphosate	228-366	Lowest Labeled Rate for Appropriate Site
Rodeo	Glyphosate	62719-324	Lowest Labeled Rate for Appropriate Site
Garlon 4	Triclopyr, Butoxy Ethyl Ester	62719-40	Lowest Labeled Rate for Appropriate Site
Garlon 4 Ultra	Triclopyr, Butoxy Ethyl Ester	62719-527	Lowest Labeled Rate for Appropriate Site

PROCESS, REFERENCES AND SOURCES FOR IDENTIFYING SENSITIVE AREAS AND CONTROL STRATEGIES PROPOSED FOR SENSITIVE AREAS

Identifying Sensitive Areas

333 CMR 11.04 defines sensitive areas as "...any areas within Rights of Way, including No-Spray and Limited Spray Areas, in which public health, environmental or agricultural concerns warrant special protection to further minimize risks of unreasonable adverse effects."

Sensitive Areas regulated by 333 CMR 11.00 include

Water Supplies

Zone I
Zone II
IWPA (Interim Wellhead Protection Area)
Class A Surface Water Source
Tributaries to a Class A Surface Water Source
Class B Drinking Water Intakes
Private Wells

Surface Waters

Wetlands
Water Over Wetlands
The Mean Annual High-Water Line of a River
The Outer Boundary of a Riverfront Area
Certified Vernal Pools

Cultural Sites

Agriculture Areas
Inhabited Areas

Wildlife Areas

Certified Vernal Pool Habitat
Priority Habitat

Identification Methods

Identification of Sensitive Areas defined in 333 CMR 11.04

Readily identifiable in the field and Not readily identifiable in the field.

Readily identifiable in the field areas will be treated, identified and when appropriate, marked according to all applicable restrictions listed in 333 CMR 11.00. Not readily identifiable in the field areas will likewise be treated and marked when appropriate, but they are identified by the use of data marked on maps and collected in the Yearly Operational Plan and notification processes before the time of treatment.

The individuals assigned the task of identifying and treating sensitive areas in the field will use the appropriate sources and methods from the following list.

- Massachusetts Department of Environmental Protection (DEP) Watershed Maps delineate the perimeter of public watersheds and the location of public wells.
- Massachusetts DEP Wetland Conservancy Maps
- Municipal maps and records, Board of Health, Conservation Commission, and Belchertown Water Department Mapping
- Regional Planning Agencies maps and records
- Town of Belchertown Geographic Information System (GIS)
- A Copy of the Yearly Operation Plan (YOP) and Vegetation Management Plan (VMP)
- Correspondence, meetings, and input within the forty-five-day YOP twenty-one day municipal ROW notification letter review and comment periods and the forty-eight hour newspaper notification. (333 CMR 11.06 and 11.07 and Chapter 85 of the Acts of 2000)
- U.S. Fish and Wildlife Service National Wetlands Inventory Maps, available from the University of Massachusetts, Cartographic Information Research Services, Amherst

The following is a description of how the sensitive areas may be identified for required protection.

- Consult the appropriate reference materials and sources to determine the location of such areas
- Place the boundaries of these sensitive areas on U.S. Geological Survey (USGS) topographical maps
- Prior to herbicide application the applicator will be provided the topographical map with sensitive areas for flagging boundaries

- Sensitive area boundaries and/or the boundaries of the appropriate buffer zone will be flagged prior to herbicide application

Sensitive Areas readily identifiable in the field include surface waters, inhabited areas and agricultural areas. The method utilized to identify these sensitive areas is as follows.

- Consult USGS topographic maps to locate sensitive areas
- Prior to herbicide application the applicator will be provided the topographical map with sensitive areas for flagging boundaries
- Applicator will visually survey the area to be treated for any sensitive areas
- Applicator will locate sensitive areas prior to herbicide application and flag appropriate buffer zone
- Municipal Maps and records, Board of Health, Conservation Commission, and Belchertown Water Department maps

Sensitive Area Restrictions (333 CMR 11.04)

In any sensitive area

- The minimum labeled rate of herbicide for the appropriate site, targeted pest, and application method shall be applied
- Herbicides shall be applied selectively by low pressure foliar techniques or stem application only or other method approved for use by The Department of Agricultural Resources

Treatments in the limited spray areas require the use of herbicides from the Sensitive Area Materials List available at <https://www.mass.gov/service-details/rights-of-way-sensitive-area-materials-list>

Sensitive Area Restriction Guide (333 CMR 11.04)

Sensitive Area	No Spray Zone	Limited Use Area	Where Identified
Water Over Wetlands	Within 10 feet	10-100 feet 12 months must elapse between applications Selective low pressure, using foliar techniques or cut stem applications	YOP Maps and identify on site
Certified Vernal Pool	Within 10 feet	10 feet to the outer boundary of any Certified Vernal Pool Habitat 12 months must elapse between applications Selective low pressure, using foliar techniques or cut stem applications	YOP Maps and identify on site
Public Ground Water Supply	Within 400 feet (Zone 1)	Zone II or IWPA (Primary Recharge Area) 24 months must elapse between applications Selective low pressure, using foliar techniques or cut stem applications	YOP Maps
Public Surface Water Supply	Within 100 feet of any Class A public surface water source	100 feet to the outer boundary of the Zone A 24 months must elapse between applications Selective low pressure, using foliar techniques or cut stem applications	YOP Maps
Public Surface Water Supply	Within 10 feet of any tributary or associated surface water body located outside of the Zone A	10 feet to the outer boundary of the Zone A 24 months must elapse between applications Selective low pressure, using foliar techniques or cut stem applications	YOP Maps

Sensitive Area Restriction Guide (333 CMR 11.04)-CONTINUED

Sensitive Area	No Spray Zone	Limited Use Area	Where Identified
Public Surface Water Supply	Within a lateral distance off 100 feet or 400 feet upstream of any Class B Drinking Water Intake	Within a lateral distance of between 100-200 feet or 400 feet upstream of intake 24 months must elapse between applications Selective low pressure, using foliar techniques or cut stem applications	YOP Maps
Private Water Supply	Within 50 Feet	50-100 feet 24 months must elapse between applications Selective low pressure, using foliar techniques or cut stem applications	YOP Well List and identify on site
Surface Waters	Within 10 feet from mean annual high water line	10 feet from the mean annual high water line and the outer boundary of the Riverfront Area 12 months must elapse between applications Selective low pressure, using foliar techniques or cut stem applications	YOP Maps and identify on site
Agricultural and Inhabited Areas	N/A	0-100 feet 12 months must elapse between applications Selective low pressure, using foliar techniques or cut stem	Identify on site
State Listed Species Habitat	No application within habitat area except in accordance with a Yearly Operational Plan approved in writing by the Division of Fisheries and Wildlife	N/A	YOP Maps

METHODS USED TO DESIGNATE SENSITIVE AREAS

Sensitive areas as defined by 333 CMR 11.00 will be designated and marked by the Belchertown Department of Public Works using maps locating the Rights of Way and sensitive areas not readily identifiable in the field. The Belchertown Department of Public Works may consult with the Belchertown Conservation Agent, Belchertown Board of Health and any other applicable town official to ensure sensitive areas are protected and appropriately identified and designated.

Prior to herbicide applications within ROW listed in this YOP, the Right of Way will be walked by Belchertown Department of Public Works staff in order to appropriately identify sensitive areas. **Pink** pavement markings will be used to identify NO SPRAY ZONES. These markings will be placed on asphalt, curbing and sidewalks, stenciled “NSZ”.

The Sensitive Area Guide can be referenced within the Vegetation Management Plan approved by the Department of Agricultural Resources.

PROCEDURES AND LOCATIONS FOR HANDLING, MIXING AND LOADING OF HERBICIDE CONCENTRATE

All herbicide concentrates will be handled, mixed, and loaded in a manner that avoids sensitive areas, abides by applicable law, best management practices and product labels.

Equipment used for the purpose of herbicide application shall be cleaned in an appropriate location which avoids sensitive areas.

Vehicles used in application operations shall be equipped with a bag of absorbent, activated charcoal, leak-proof containers, a broom and a shovel in case of minor spills.

A log of herbicides on vehicle will be kept within the vehicle

Product labels, fact sheets, approved VMP, current YOP, and Herbicide Spill Check List will be carried on site by the applicator.

PLAN TO ADDRESS SPILLS AND RELATED ACCIDENTS

All mixing and loading will be performed in a manner consistent with the manufacturer label and best management practices in a location to protect sensitive areas.

In the event of an incident such as a spill, immediate action will be taken to contain the spill and protect the surrounding area. The cause of the spill must be identified and secured. Spill containment should include covering the spill with adsorptive clay or other similar material. For larger spills clay or soil dikes should be built to impede spill progress.

Until the spill is completely cleaned, protection of the spill area should include barriers, flagging, or stationed crew members. If a fire occurs, care shall be taken to avoid breathing fumes.

Clean up of minor spills may be accomplished by soaking up the spill with adsorptive clay or other material and placing the material in a leak proof container for proper disposal.

CONT'D - Plan to Address Spills and Related Accidents

All contaminated soil should be placed in leak proof containers, removed from site and disposed of properly. Any minor spill will be reported to the Pesticide Bureau within twenty-four hours.

Major spills are defined by the Department of Environmental Protection (DEP) as reportable quantities of a hazardous material that are managed by 333 CMR. Any major spill should be evaluated under the reporting requirements of the Massachusetts Contingency Plan (MCP) 310 CMR 40.00. Major spills should be handled in the same manner as minor spills. More equipment and materials may be needed for cleanup and certain notifications are required. If the spill is too large for the application crew to clean up, then, after containment and site protection is secured, a hazardous waste cleanup company should be contacted immediately and directed to the site. The Belchertown Department of Public Works, MDAR (as per 333 CMR 10.15 (4) Record Keeping Requirements), DEP, and any other persons or agency required by applicable law will be notified.

In the event of a spill or incident, information on safety precautions and procedures can be found from the following sources.

- Product Label
- Product Safety Data Sheet
- Product Manufacturer
 - Cortevea Argiscience (800) 992 5994
 - Bayer Crop Science (201) 307 9700
 - NuFarm (708) 377 1330
 - BASF (973) 245 6000
 - Rainbow Tree Care (952) 922 3810
- Massachusetts Pesticide Bureau (617) 626 1781
- Massachusetts Department of Environmental Protection Incident Response Unit (617) 556 1133 or (888) 304 1133
- Massachusetts Department of Public Health, Bureau of Environmental Health's Environmental Toxicology Program (617) 339 8351
- Chem Trec (800) 424 9300 or Clean Harbors (800) OIL TANK
- Belchertown Police at 911 or (413) 323-6685
- Belchertown Fire Department at 911 or (413) 323-7571
- Belchertown Board of Health at (413) 323-0406
- Belchertown Conservation Office at (413) 323-0405
- Massachusetts Poison Information Centers (800) 682 9211
- Pesticide Hotline (800) 858 7378
- National Animal Poison Control Center (888) 426 4435

CONTRACTOR PERFORMING HERBICIDE APPLICATIONS

Individuals performing herbicide applications in accordance with this YOP and approved VMP shall be appropriately certified by the Department of Agricultural Resources or licensed by the Department and working under the on-site supervision of an appropriately certified applicator in accordance with 333 CMR 11.00.

CONTRACTOR PERFORMING HERBICIDE APPLICATIONS

Individuals performing herbicide applications in accordance with this YOP and approved VMP shall be appropriately certified by the Department of Agricultural Resources or licensed by the Department and working under the on-site supervision of an appropriately certified applicator in accordance with 333 CMR 11.00.

NAME: Joe Wood
COMPANY: TruGreen
ADDRESS: 2160 Westover Rd, Chicopee, MA 01021
PHONE NUMBER: 413-246-9150

INDIVIDUAL REPRESENTING THE YOP APPLICANT/SUPERVISING

NAME: Max Bock
TITLE: Supervisor of Building, Maintenance & Grounds Dept., Tree Warden
ADDRESS: 290 Jackson Street, Belchertown, MA (Dept. of Public Works Office)
PHONE NUMBER: 413 323-0415 (Dept. of Public Works Office)
SIGNATURE: *Max Bock*

RIGHTS OF WAY TO BE TREATED 2026

Maple Street and State Street

APPENDIX A: HERBICIDE FACT SHEETS

Fact Sheets for the herbicides and active ingredients listed in the YOP may be found at:

<https://www.mass.gov/service-details/rights-of-way-sensitive-area-materials-list>

APPENDIX B: PRODUCT LABELS

Product Labels and other forms for the herbicides listed in the YOP may be found at:

Round up Pro

<http://www.cdms.net/Label-Database/Advanced-Search#Result-product/854>

Razor

<http://www.cdms.net/Label-Database/Advanced-Search#Result-product/7466>

Razor Pro

<http://www.cdms.net/Label-Database/Advanced-Search#Result-product/6902>

Rodeo

<http://www.cdms.net/Label-Database/Advanced-Search#Result-product/5096>

Garlon 4

<http://www.cdms.net/Label-Database/Advanced-Search#Result-product/1925>

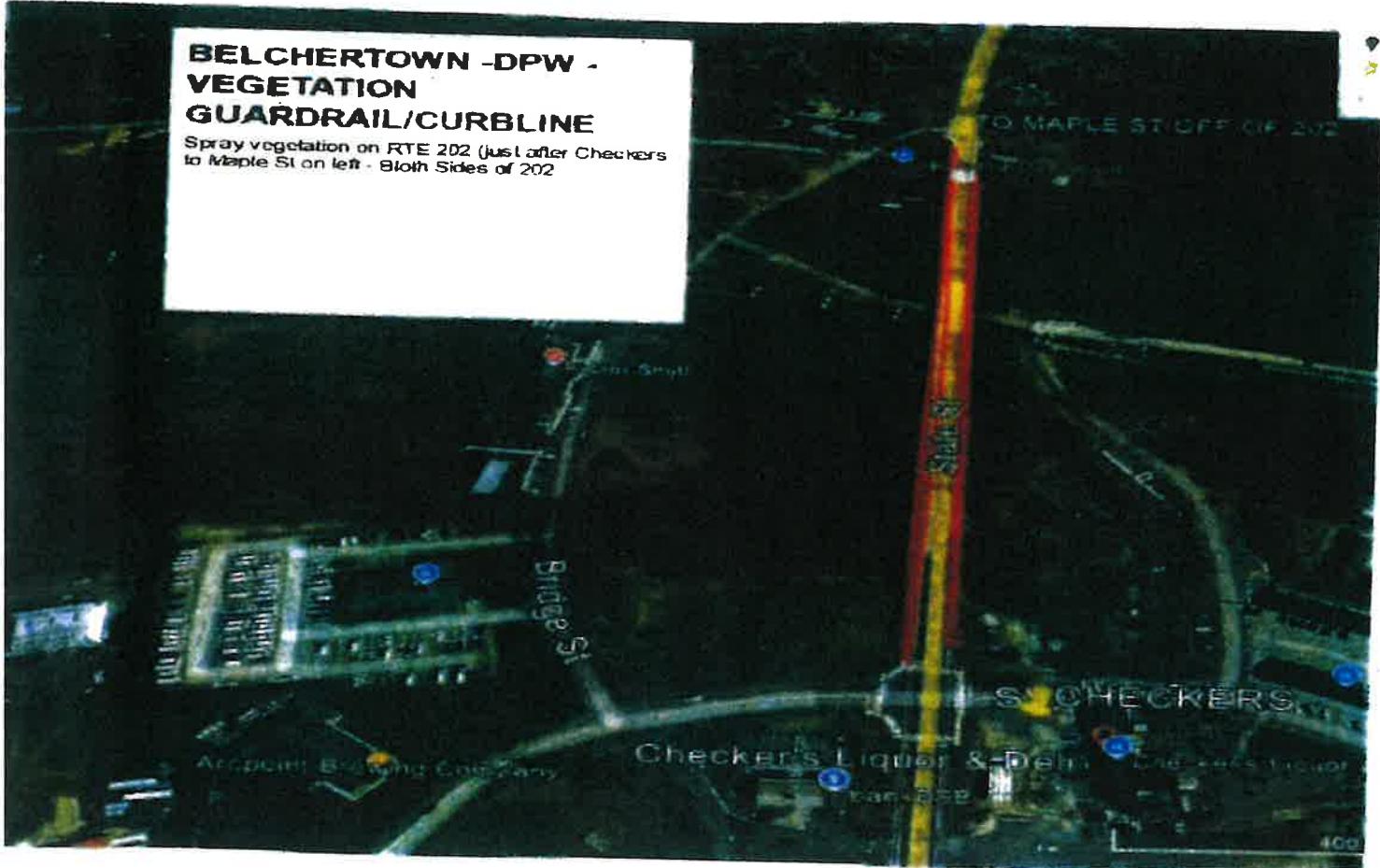
Garlon 4 Ultra

<http://www.cdms.net/Label-Database/Advanced-Search#Result-product/8141>

APPENDIX C: SENSITIVE AREA MAPPING

**BELCHERTOWN -DPW -
VEGETATION
GUARDRAIL/CURBLINE**

Spray vegetation on RTE 202 (just after Checkers to Maple St on left - Both Sides of 202





BELCHERTOWN **Priority Habitats and Estimated Habitats**

Priority Habitats and Estimated Wildlife
Priority Habitats, for use with the MA Endangered Species Act Regulations (321 CMR 10)

Estimated Habitats, for use with the MA Wetlands Protection Act Regulations (310 CMR 10)

Effective August 1, 2021



Natural Heritage & Endangered Species Program
Massachusetts Division of Fisheries and Wildlife
Massachusetts Department of Environment

Data Sources

Priority Habitat of Rare Species

Formation of property, single family home, subdivision, commercial building, widening of driveway/road, beaver dam removal, etc.

Some projects or activities may be exempt from AIESA

For more information, visit www.ams.org.

 Priority Habitat of Rare Species and also
Estimated Habitat of Rare Wildlife

Project or Activity is within 80% Estimated Habitat and Priority Habitat
Is a Notice of Intent (NOI) under wetlands regulations required?

Send copy of NOI to NFESD and
trust and file under MSEA
(streamlined MSEA NOI filing out on acc lab e)

MESA is being only (see Priority, Hot spot details at left).

www.elsevier.com/locate/jmp

 Certified Vernal Pools (as of July 20, 2021)

--- Town Boundary

Transportation:

Interstate
U.S. Highway

U.S. Highway
State Route

State Route
Non-numbered Route

A stylized 'V' shape with a horizontal line through it, representing a railroad track.

 Railroad

1990-1991 - 1991-1992 - 1992-1993 - 1993-1994