

**City of Waltham**  
**2025 Yearly Operational Plan**

Submitted by:  
City of Waltham  
Consolidated Public Works Department

Prepared by:  
 AVCS Vegetation Control Service, Inc.

April 5, 2025

## SUMMARY

A yearly operational plan (YOP) must be submitted to the Massachusetts Department of Agricultural Resources (MDAR) every year herbicides are intended for use to maintain public ways (rights-of-way). The YOP provides a detailed program for vegetation management including the methods used to identify target vegetation and sensitive areas, planned treatment methods, herbicides and herbicides mixtures and rates for the year.

A five-year Vegetation Management Plan (VMP) is available for review at the office of the Consolidated Public Works Department (CPW).

Upon receipt of this YOP, the MDAR publishes a notice in the Environmental Monitor. The City must also provide a copy of the proposed YOP and Environmental Monitor notice to the Board of Health, Conservation Commission, and Chief Elected Official. The Department allows a 45-day comment period on the proposed YOP beginning with the publication of the notice and receipt of the YOP and Environmental Monitor notice. A one-page notice is also sent to all public water suppliers.

Public notification of herbicide application is made at least 21 days prior to the treatment(s) by a separate notice. This Notice is made to the Massachusetts Department of Agricultural Resources, Chief Elected Official, Board of Health, the Conservation Commission, and the Municipal Public Water Supplier.

A newspaper notice will also be made at least 48 hours in advance of the start of the treatment program.

Any comments on this YOP should be made to the person designated herein as the person supervising the YOP.

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## 1. INTRODUCTION

In compliance with Commonwealth of Massachusetts' Rights-of-Way Vegetation Management Regulations (333 CMR 11.00) the City of Waltham's Yearly Operational Plan (YOP) details our vegetation management program for 2025. This YOP is consistent with the terms and procedures set forth in Waltham's proposed *2025-2029 Five-year Vegetation Management Plan* (VMP) currently under review; with the Massachusetts Pesticide Control Act (Chapter 132B); with all pertinent clauses in Chapter 85 of the Acts of 2000; and with all acts and regulations that apply to public way (right-of-way) vegetation management.

Vegetation growing along curbing, within and around paved traffic islands, in cracks in the asphalt, under guiderails along roadways and in areas that cannot be mowed is of a growing concern in Waltham. These areas, along with Poison Ivy, Japanese Knotweed, and other public nuisance vegetation within the public ways, can be effectively controlled with the use of herbicide applications.

Herbicide applications will be done under the supervision of a certified applicator in compliance with 333 CMR 11.00 as detailed in the public way Integrated Vegetation Management (IVM) program and protocols described in Waltham's VMP.

An Integrated Vegetation Management program on public ways is a combination of cultural, physical, mechanical, and chemical management techniques that control undesirable vegetation in an ecologically sound manner. As with all IVM programs, this program is designed to maximize control of incompatible vegetation while minimizing potential impact to the environment.

## **2. THE INDIVIDUALS THAT WILL PERFORM AND SUPERVISE THE HERBICIDE TREATMENT**

Waltham CPW and/or appropriated licensed applicators will perform the herbicide applications. Please note that all application crews will include an individual with a Category 40 pesticide license issued by the MDAR.

### **Supervisor:**

Kevin Thompson  
*City of Waltham Tree Warden*  
**Consolidated Public Works Department**  
The City of Waltham  
165 Lexington Street, Waltham, MA 02452  
(781) 314-3800

### **Herbicide Applicators:**

**Consolidated Public Works Department**  
The City of Waltham  
165 Lexington Street  
Waltham, MA 02452

**Vegetation Control Service, Inc.**  
2342 Main Street  
Athol, MA 01331  
(978) 249-5348

## **3. LOCATION OF INTENDED HERBICIDE TREATMENT(S)**

For 2025, the treatment areas include, but are not limited to, cracks in asphalt, along guiderails, along curbing, within and around paved traffic islands, between sidewalks and the adjacent curbing, and wherever vegetation is causing a public hazard in the city's public ways (rights-of-way) as defined in the VMP.

Known sensitive areas are included in the map(s) of Waltham included in Appendix 1. Appendix 1 also includes a street listing to cover potential treatment locations for public nuisance and other vegetation posing a risk to public safety. Predicting the location of all target vegetation along public ways in advance of the active growing season is not possible or practical. In an effort to limit the application of herbicides to areas that require treatment, the town will, therefore, conduct patrols and treat those areas in which vegetation poses a public nuisance and/or poses a safety risk to pedestrian or vehicular safety.

## **4. IDENTIFICATION OF TARGET VEGETATION**

### ***Target Vegetation:***

*Vegetation that poses a public nuisance and/or poses a safety risk to pedestrian or vehicular safety.*

### ***Nuisance Grass and Herbaceous Growth***

In most instances grass is a desirable plant species. Along the shoulders of roads, grass growth is encouraged and maintained through mechanical mowing. However, in some instances, grasses and other herbaceous plants can be identified as targets in areas where they cause a safety risk. These areas include, but are not limited to along curbing, cracks in asphalt, along guiderails, within and around paved traffic islands, and between sidewalks and the adjacent curbing.

### ***Public Nuisance Vegetation***

Public nuisance vegetation includes but is not limited to poisonous and noxious plant species growing along public ways that pose a health hazard. Noxious vegetation poses a risk to safety and health because of heavy thorns, dense foliage and/or impenetrable stems; examples include but are not limited to Multiflora Rose, Common and Glossy Buckthorn, and Blackberries. Although not the only target species of concern, Poison Ivy is the dominant poisonous plant community along public ways that requires control.

### ***Vegetation Posing a Risk to Safety***

Vegetation that hampers visibility or impedes movement along public ways often poses a risk to public safety. M.G.L. Chapter 87, Section 5 authorizes tree wardens to have control of “all public shade trees, shrubs, and growths” along public ways. This includes woody plant species and invasive species. A short list of examples includes all tree species considered “street trees”, all shrubs, vines and more specifically, invasive species, particularly Autumn Olive, Japanese Knotweed, Bittersweet and Multiflora Rose. Please note that only vegetation under twelve feet in height may be foliar treated.

## **5. DEFINITION, IDENTIFICATION AND TREATMENT OF SENSITIVE AREAS**

The general definition of sensitive areas regulated by 333 CMR 11.04 is as follows:

...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.

Protecting these sensitive sites is accomplished by following the definition in 333 CMR 11.04 and establishing the mandated no-spray and treatment restrictions within their borders according to Table 1 below. In brief, these sensitive areas consist of no-spray zones in which

herbicide use is prohibited, and limited spray areas where herbicide use is permitted under certain conditions.

Treatment in limited spray areas require the use of herbicides from the *Sensitive Area Materials List* available at: [Rights of Way Sensitive Area Materials List](#) and following the application restrictions in 333 CMR 11.04 which includes applying minimum herbicide application rate for the control of target species.

**TABLE 1: CONTROL STRATEGIES FOR SENSITIVE AREAS**

Table Compiled by Jeffrey M. Taylor, Vegetation Control Service, Inc.

| Sensitive Area  | Limited Spray or No-Spray Areas (feet)   | Control Method                                       | Time Limits Between Treatment(s) |
|---|--|--|----------------------------------|
| Public Ground Water Supplies  | 400'   | Mechanical Only                                      | None                             |
| Primary Recharge Area   | Designated buffer zone or ½ mile radius  | Mechanical, Approved Herbicides*                     | 24 months                        |
| Public Surface Water Supplies (Class A & Class B)                             | 100'   | Mechanical Only                                      | None                             |
|   | 100'-400'  | Approved Herbicides                                  | 24 months                        |
| Tributary to Class A Water Source, within 400' upstream of water source       | 100'   | Mechanical Only                                      | None                             |
|   | 100'-400'  | Approved Herbicides                                  | 24 months                        |
| Tributary to Class A Water Source, greater than 400' upstream of water source | 10'  | Mechanical Only                                      | None                             |
|   | 10'-200'   | Approved Herbicides                                  | 24 months                        |
| Class B Drinking Water Intake, within 400' upstream of intake                 | 100'   | Mechanical Only                                      | None                             |
|   | 100'-200'  | Approved Herbicides                                  | 24 months                        |
| Private Drinking Water Supplies   | 50'  | Mechanical Only                                      | None                             |
|   | 50'-100'   | Approved Herbicides                                  | 24 months                        |
| Surface Waters  | 10'  | Mechanical Only                                      | None                             |
|   | 10'-100'   | Approved Herbicides                                  | 12 months                        |
| Rivers  | 10' from mean annual high-water line   | Mechanical Only                                      | None                             |
|   | 10'-200'   | Approved Herbicides                                  | 12 months                        |
| Wetlands  | 10'  | Mechanical Only                                      | None                             |
|   | 100' or with approved Wetlands Determination 10'-100' [per 310 CMR 0.05(3)(a) & 310 CMR 0.03(6)(b)]                              | Low-pressure Foliar, CST, Basal, Approved Herbicides | 24 months                        |
| Inhabited Areas   | 100'   | Approved Herbicides                                  | 12 months                        |
| Agricultural Area (Crops, Fruits, Pastures)                                   | 100'   | Approved Herbicides                                  | 12 months                        |
| Certified Vernal Pools  | 10'  | Mechanical Only when water is present                | None                             |
| Certified Vernal Pool Habitat   | 10'-outer boundary of habitat  | No treatment without approval                        |                                  |
| Priority Habitat  | No treatment outside the 4 foot paved road exemption without approval of the Natural Heritage Endangered Species Program (NHESP) |  |                                  |

\*Massachusetts Approved herbicides for sensitive sites

## ***Identification Methods***

As appropriate, sensitive areas will be identified and marked in the field by trained and experienced individuals.

Two simple descriptions guide the identification of the 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 marked and treated when appropriate, but they are identified by the use of data marked on maps and collected in the YOP 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:

- Town maps, records, and institutional knowledge
- Massachusetts Department of Environmental Protection water supply maps mapping layers available through MassGIS ([MassGIS \(Bureau of Geographic Information\)](#))
- Water Department, MDAR and Waltham Board of Health maps and lists of identified private wells along the ROW
- Correspondence, meetings and input—from the chief elected official, board of health, conservation commission, public water suppliers and the public—within the forty-five-day YOP and twenty-one day municipal right-of-way notification letter review and comment periods and the 48 hour newspaper notification (under 333 CMR 11.06 & 11.07 and Chapter 85 of the Acts of 2000)
- A point person who verifies, identifies and where appropriate marks sensitive areas
- and any additional areas that may require special precautions
- USGS topographical maps
- Information from Mass GIS
- When necessary, confidential information from NHESP
- A copy of the YOP and VMP.

## **6. PROPOSED HERBICIDE TREATMENT METHODS**

In 2025, the herbicide program will consist of the following:

### ***Chemical (Herbicide Applications) Methods***

1. **Foliar Treatments:** the selective application of herbicides diluted in water, to the foliage of target vegetation. Two types of equipment for foliar treatments are used: backpack and vehicle mounted; both use low pressure at the nozzle per 333 CMR 11.02. Foliar applications take place when leaves are fully developed in the spring until early fall and the beginning of leaf abscission—i.e., when leaves begin dropping.



- a. **Hand-held and back-pack sprayers:** hand pump or motorized backpack sprayers or squirt bottles. This technique is excellent for spot treatments, such as localized poison ivy infestations. It is not as effective as other methods on high density target vegetation.
  - b. **Vehicle mounted sprayers** use truck, tractor and/or ATV mounted equipment that deliver the herbicide solution through nozzles attached to a hose or boom-mounted apparatus. This technique is used along roadways that have good access and where obstructions, terrain or site sensitivity do not exclude the equipment.
2. **Pre-emergent Treatments:** the use of pre-emergent herbicides using the same equipment described in the foliar treatments above. Pre-emergent applications are used where season long vegetation control requires “vegetation-free conditions” such as along curbing, sidewalks, under guiderails/guardrails and on paved traffic islands. This method is used from the early spring to early fall.
3. **Cut Stump Treatment (CST):** the mechanical cutting of target species followed by an herbicide treatment to the phloem and cambium tissue of the stumps. CST treatments prevent re-sprouts, thereby reducing the need to re-treat the same vegetation. The CST mixture is diluted in water, basal oil or a non-freezing agent and is ideally made to freshly cut stumps. Application equipment includes low-volume, backpack sprayers, handheld squirt bottles, paintbrushes, or sponge applicators. This method is used where maximum control is desirable; to reduce the visual impact of vegetation management treatments, and/or to reduce the potential of adverse impacts to desirable vegetation because of its selectivity. CST may be used at any time of the year provided snow depths do not prevent cutting the stumps below three inches in height. It is best to avoid during the season of high sap flow, or in moderate to heavy rains. It is not practical in moderate to heavy stem densities.
4. **Low Volume Basal Treatment:** the selective application of an herbicide, diluted in specially formulated oil, to wet the entire lower twelve to eighteen inches of the target plant stems. Using a hand pump backpack, the oil enables the herbicide solution to penetrate the bark tissue and translocate within the plant. Low volume basal treatments are extremely selective and used when vegetation density is low and in areas where extreme selectivity is necessary. For public way treatments it is primarily an option for invasive species control. It can be used any time of year except when snow is too deep, in extremely wet weather and/or during spring sap flow.

**Final Note: Anti-drift Adjuvants** are added to the mix or solution in foliage and pre-emergent applications to help reduce the potential exposure to non-target organisms, reduce the break-up of sprays into fine droplets and increase selectivity and herbicide deposition onto target plants.

## 7. PROPOSED HERBICIDES, CARRIERS, ADJUVANTS AND RATES

Waltham will only use the Commonwealth of Massachusetts recommended herbicides listed below from the *Sensitive Area Materials List*. Complete information on these products is included in Appendix 2, Fact Sheets and Appendix 3, Labels

**Table 2: Tank Mix #1 for Curbing, Cracks, Guiderail, Traffic Island Treatments (General Foliar Weed Control)**

| Herbicides & Adjuvants  | Active Ingredient | EPA Registration Number(s) | Mix Concentration (per 100 gals. water) |
|---|-------------------|----------------------------|---|
| Rodeo   | Glyphosate        | 62719-324                  | 2-5%                                    |
| Esplanade 200SC   | Indaziflam        | 432-1516 or 101563-144     | 10 oz.                                  |
| Induce, Clean Cut, or equivalent surfactant <sup>1</sup>            | not applicable    | n.a.                       | 0.125%-1%                               |
| Point Blank, 41A, Clasp, or equivalent drift retardant <sup>1</sup> | n.a.              | n.a.                       | 4-16 oz.                                |
| Carrier: Water  | n.a.              | n.a.                       | n.a.                                    |

**Table 3: Tank Mix #2 for Poison Ivy, Noxious and Invasive Species**

| Herbicides & Adjuvants   | Active Ingredient  | EPA Registration Number(s)       | Mix Concentration (per 100 gals. water) |
|--|--------------------|----------------------------------|---|
| Rodeo  | Glyphosate         | 62719-324                        | 2-5%                                    |
| Escort XP or Patriot   | Metsulfuron-Methyl | 432-1549, 101563-167, or 228-391 | 1.25-4 oz.                              |
| Induce, Clean Cut, MSO or equivalent surfactant <sup>1</sup>       | not applicable     | n.a.                             | 0.125%-1%                               |
| Point Blank, 41A, Clasp or equivalent drift retardant <sup>1</sup> | n.a.               | n.a.                             | 4-16 oz.                                |
| Carrier: Water   | n.a.               | n.a.                             | n.a.                                    |

**Table 4: Tank Mix #3 for Poison Ivy**

| Herbicides & Adjuvants   | Active Ingredient | EPA Registration Number(s) | Mix Concentration (per 100 gals. water) |
|--|-------------------|----------------------------|---|
| Garlon 4 Ultra   | Triclopyr         | 62719-527                  | 2-4%                                    |
| Induce, Clean Cut, MSO, or equivalent surfactant <sup>1</sup>  | n.a.              | n.a.                       | 0.125%-1%                               |
| Point Blank, Clasp, or equivalent drift retardant <sup>1</sup> | n.a.              | n.a.                       | 4-16 oz.                                |

<sup>1</sup> Equivalent surfactants, drift retardants and basal oils will be used in case those listed are no longer available or more effective alternatives become available.

**Table 5. Tank Mixes #4 for Low Volume Foliage Applications**

| Herbicides & Adjuvants   | Active Ingredient     | EPA Registration Number(s)       | Mix Concentration (per 100 gals. water) |
|--|-----------------------|----------------------------------|---|
| Rodeo  | Glyphosate            | 62719-324                        | 3-5%                                    |
| Krenite S  | Fosamine Ammonium     | 42750-247                        | 6-10%                                   |
| Escort XP or Patriot   | Metsulfuron-Methyl    | 432-1549, 101563-167, or 228-391 | 2-4 oz.                                 |
| Polaris  | Imazapyr <sup>2</sup> | 228-534                          | 0.125%-.5%                              |
| Induce, Clean Cut, MSO, or equivalent surfactant <sup>1</sup>  | n.a.                  | n.a.                             | 0.125%-1%                               |
| Point Blank, Clasp, or equivalent drift retardant <sup>1</sup> | n.a.                  | n.a.                             | 6-64 oz.                                |

**Table 6. Tank Mix #5 for Cut Surface Treatment (CST) Applications**

| Herbicides & Adjuvants                      | Active Ingredient     | EPA Registration Number(s) | Mix Concentration (per 100 gals.) |
|---|-----------------------|----------------------------|-----------------------------------|
| Rodeo                                       | Glyphosate            | 62719-324                  | 40% to 50%                        |
| Polaris                                     | Imazapyr <sup>2</sup> | 228-534                    | 3%-5% (mixed with Rodeo)          |
| Carriers: Water or Windshield Washing Fluid | n.a.                  | n.a.                       | n.a.                              |

**Table 7. Tank Mix #6 for Low-Volume Basal Applications or Cut Surface Treatment (CST) Applications**

| Herbicides & Adjuvants              | Active Ingredient     | EPA Registration Number(s) | Mix Concentration                |
|-------------------------------------|-----------------------|----------------------------|----------------------------------|
| Garlon 4 Ultra                      | Triclopyr             | 62719-527                  | 20%-30%                          |
| Polaris                             | Imazapyr <sup>2</sup> | 228-534                    | 2-5% (Mixed with Garlon 4 Ultra) |
| Carrier: Aqua Mix Oil or equivalent | n.a.                  | n.a.                       | 70%-80%                          |

## 8. HANDLING, MIXING AND LOADING HERBICIDE CONCENTRATES

All herbicides will be handled, mixed, and applied according to the directions in 333 CMR 11.00, which includes following *Label Instructions* and in compliance with all applicable federal and state laws and regulations. All herbicide mixing should be done at the CPW garage or contractor's facilities, and extreme care shall be exercised during all mixing, handling, and loading in order to prevent careless spills or splashes. No herbicide concentrates will be mixed, handled, or loaded on a ROW or within one hundred feet of a sensitive area.

Although it is expected that all the mixed herbicides will be used, any remaining will be stored in accordance with manufacturer's instructions.

<sup>2</sup>Imazapyr will not be applied on the same location in two consecutive years.

## 9. ALTERNATE CONTROL TECHNIQUES

Decisions on the appropriate control techniques are made following the IVM Protocol in the VMP which for convenience is repeated below:

**Monitoring:** All public ways will be surveyed prior to any scheduled treatment program. Monitoring will be conducted by foot or by vehicle. Monitoring of areas may also result from public requests.

**Maintenance:** Roads will be cleaned using a street sweeper. Cracking asphalt and sidewalks and other right-of-way defects will be repaired, and ditches cleaned. Where appropriate, the use of ground cover will be encouraged to assist in the prevention of undesirable target vegetation growth.

**Direct Control Methods:** The decision to use one or a combination of IVM techniques will take into consideration the cultural uses of the landscape. The direct IVM management tactics selected will control nuisance vegetation in an environmentally responsible and efficient manner:

### A. Mechanical Controls

1. Hand Cutting
2. Mowing
3. Selective Pruning

### B. Chemical Controls

1. Foliar Treatments
2. Pre-emergent Treatments
3. Cut Stump Treatments
4. Basal Treatments

**Record Keeping:** A log of surveyed areas will be kept for future planning and reference purposes. Areas maintained either through physical repair, mechanical or chemical control will be recorded by CPW for at least 3 years.

## 10. TREATMENT RECORDS

The Category 40 applicator must complete daily vegetation management reports that include:

- A. Date, name, and address of certified applicator(s)
- B. Identification of site or work area
- C. List of crew members
- D. Type of equipment and hours used
- E. Method of application and description of target vegetation
- F. Amount, concentration, product name of herbicide(s), adjuvants, and dilutants (EPA registration numbers must be on file)
- G. Weather conditions
- H. Notation of any unusual conditions or incidents, including public inquiries
- I. Recording/Verification of sensitive areas.

## 11. REMEDIAL PLAN TO ADDRESS SPILLS AND RELATED ACCIDENTS

This section is offered as a general procedural guide for responding to chemical spills or related accidents (related accidents include but are not limited to fire, poisoning and vehicle accidents). The following is, therefore, a guide to the items that will be available to the applicator on site in the event of a chemical spill or emergency.

Although education and attention will constantly be directed at accident and spill prevention, in the event of a spill, immediate action will be taken to contain the spill and protect the spill area (Appendix 4: *Herbicide Spill Check List* shall be available on-site to the applicator). Until completely clean, the spill area will be protected by placing barriers, flagging or crew members at strategic locations, as appropriate. If a fire is involved, care will be taken to avoid breathing fumes from any burning chemicals.

Minor spills will be remedied by soaking up the spill with adsorption clay or other adsorptive material and placed in leak proof containers, removed from the site and disposed of properly. Dry herbicides, such as granular, will be swept up or shoveled up directly into leak proof containers for proper disposal. When applicable, all contaminated soil will be placed in leakproof containers, removed from the site and disposed of properly. When applicable, activated charcoal will be incorporated into the soil at the spill location at a rate of several pounds per thousand square feet to inactivate any herbicide residue. Any spill will be reported to the MDAR Pesticide Bureau.

The Massachusetts Department of Environmental Protection will be contacted when there is a spill of a reportable quantity, regardless of major or minor spill status and in accordance with 310 CMR 40.0000, Massachusetts Contingency Plan.

### ***Types of Chemical Spills that Require Action***

Chemicals include, but are not limited to the following:

- Herbicides
- Bar and Chain Oil
- Motor and Hydraulic Oil/Fluids
- Diesel Fuel
- Gasoline
- Title 3 Hazmat Materials

### ***Required Spill Response Equipment***

As a minimum, the treatment crew will have available on the job site:

- YOP with Emergency Contact List
- SDS (Safety Data Sheet)
- Product Label
- Product Fact Sheets (when applicable)
- Appropriate Adsorbent Material
- Shovel
- Broom
- Flagging
- Leak Proof Container
- Heavy-duty Plastic Bags

### ***Personal Contact***

In the event of **Personal Contact** with hazardous chemicals:

- Wash affected area with plenty of soap and water
- Change clothing which has absorbed hazardous chemicals
- If necessary, contact a physician
- If necessary, contact the proper emergency services
- If necessary, follow the procedures for Major or Minor Spills as outlined in Appendix 5
- Avoid breathing the fumes of hazardous chemicals

### ***Reference Tables (information subject to change as necessary)***

**Table 8. Herbicide Manufacturers**

| <b>MANUFACTURER</b>                 | <b>TELEPHONE NUMBER</b> | <b>SPECIAL INSTRUCTIONS</b> |
|-------------------------------------|-------------------------|-----------------------------|
| Albaugh Inc.                        | (800) 247-8013          |                             |
| BASF Corporation                    | (800) 832-4357          |                             |
| ENVU (formerly Bayer EnviroScience) | (800) 334-7577          |                             |
| Corteva Agriscience                 | (800) 992-5994          |                             |
| Nufarm                              | (877) 325-1840          | Medical Emergencies         |

**Table 9. State Agencies**

| STATE AGENCY   | TELEPHONE NUMBER                                    | SPECIAL INSTRUCTIONS  |
|--|---|---|
| Massachusetts Pesticide Bureau   | (617) 626-1700                                      | A.S.A.P. (within 48 hours)  |
| Massachusetts Department of Environmental Protection, Emergency Response Section         | Main Office:<br>(888) 304-1133 (after hours number) | For emergencies involving reportable quantities of hazardous materials; required info: City/town, street address, site name (if applicable), material |
|  | Northeast Region:<br>(978) 694-3200                 |   |
| Massachusetts Dept of Public Health, Bureau of Env. Health Assessment Toxicology Program | (617) 624-5757                                      |   |
| Massachusetts Poison Information Centers   | (800) 682-9211                                      | For medical emergencies involving suspected or known pesticide poisoning symptoms   |

**Table 10. Emergency Services**

| EMERGENCY SERVICE              | TELEPHONE NUMBER | SPECIAL INSTRUCTIONS   |
|--------------------------------|------------------|--|
| Waltham Police/Fire Department | 911              |  |
| ChemTrec                       | (800) 424-9300   |  |
| Clean Harbors                  | (800) OIL-TANK   |  |
| Pesticide Hotline              | (800) 858-7378   | PST: 6:30 am-4:30 pm,<br>web: <a href="http://www.NPIC.orst.edu">www.NPIC.orst.edu</a> |

**Table 11. City of Waltham contact(s) in the case of a spill or accident**

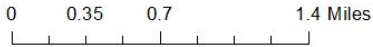
**Kevin Thompson**  
*City of Waltham Tree Warden*  
**Department of Consolidated Public Works**  
 The City of Waltham  
 165 Lexington Street, Waltham, MA 02452  
 (781) 314-3800

|   |                |
|---|----------------|
| Waltham Fire/ Police Department                   | 911            |
| Waltham Environmental Specialist – Sheryl Waddick | (781) 314-3296 |
| Waltham Health Department                         | (781) 314-3305 |

APPENDIX 1:  
MAP AND STREET LISTINGS



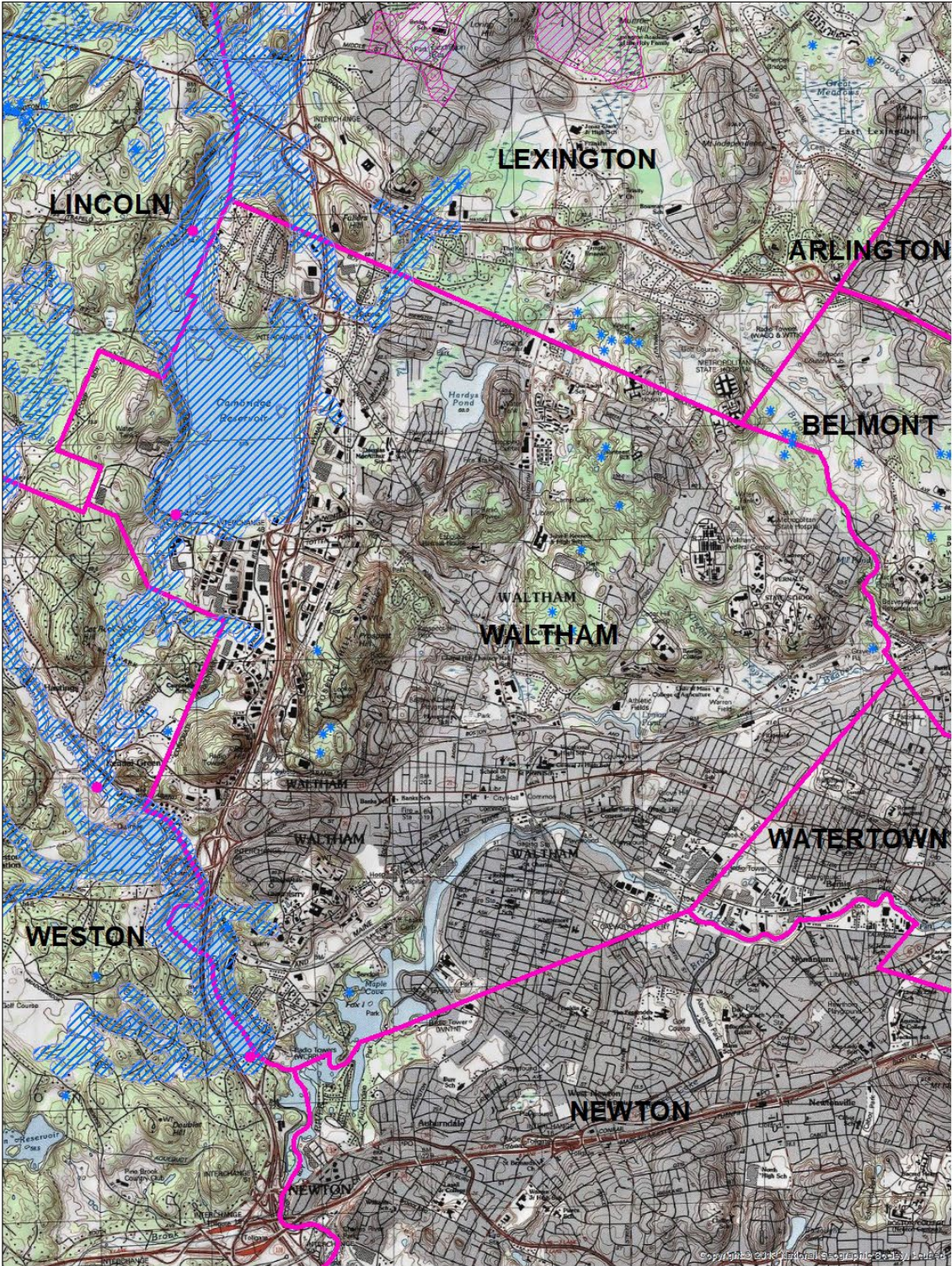
# City of Waltham 2024 Yearly Operational Plan



## Legend

- Public Wells
- ★ NHESP Certified Vernal Pools
- Zone II
- Zone A

(Revised to surface modifications, 10/1/2024)  
and associated vernal pools, 1/1/2024  
Area is subject to change per 313 CMR 15.041



Source: "Office of Geographic and Environmental Information (Mass GIS), Commonwealth of Massachusetts, Executive Office of Energy and Environmental Affairs".  
Public Water Supply data provided by MA DEP Drinking Water Program, October 2023. DEP Public Water Supplies



| WALTHAM STREET NAMES |                   |                  |                      |
|----------------------|-------------------|------------------|----------------------|
| ABBOTT ROAD          | DALE STREET       | KEACH TERRACE    | PROSPECT HILL AVENUE |
| ABERDEEN AVENUE      | DANIELS COURT     | KENDALL PARK     | PROSPECT HILL LANE   |
| ACORN STREET         | DARTMOUTH STREET  | KENMORE ROAD     | PROSPECT HILL ROAD   |
| ADAMS AVENUE         | DAWES STREET      | KENMORE TERRACE  | PROSPECT STREET      |
| ADAMS STREET         | DAY STREET        | KENWOOD LANE     | PUTNEY LANE          |
| ADDISON ROAD         | DEMEREST STREET   | KINGS WAY        | RAFFAELE DRIVE       |
| AGRILLO CIRCLE       | DENNISON STREET   | KINGSLEY COURT   | RANDALL STREET       |
| ALBEMARLE ROAD       | DERBY STREET      | KINGSTON ROAD    | RANDO LANE           |
| ALBERT STREET        | DERMODY ROAD      | KINGSTON TERRACE | RANGELY ROAD         |
| ALDER STREET         | DEXTER AVENUE     | KNOLLWOOD DRIVE  | RAVENSWOOD ROAD      |
| ALDER TERRACE        | DEXTER STREET     | KODIAK WAY       | RESERVOIR ROAD       |
| ALDERWOOD ROAD       | DIX STREET        | LAFAYETTE STREET | REYEM STREET         |
| ALLEN ROAD           | DOBBINS STREET    | LAKE ROAD        | RICH STREET          |
| ALUMNI DRIVE         | DOLORES AVENUE    | LAKE STREET      | RICHGRAIN AVENUE     |
| AMELIA DRIVE         | DORCHESTER STREET | LAKEVIEW AVENUE  | RIDGE LANE           |
| AMES STREET          | DOTY STREET       | LAKEVIEW TERRACE | RIDGEWOOD TERRACE    |
| AMHERST AVENUE       | DOUGLAS ROAD      | LARCHMONT AVENUE | RIPLEY STREET        |
| AMORY ROAD           | DREW STREET       | LAUREL AVENUE    | RIVER AVENUE         |
| ANDERSEN TERRACE     | DRURY LANE        | LAURICELLA LANE  | RIVER STREET         |
| ANDREA ROAD          | DUDDY AVENUE      | LAWNDALE AVENUE  | RIVERSIDE DRIVE      |
| ANGLESIDE ROAD       | DWIGHT STREET     | LAWRENCE STREET  | RIVERVIEW AVENUE     |
| ANTICO CIRCLE        | EDDY STREET       | LAWTON PLACE     | ROBBINS PLACE        |

| WALTHAM STREET NAMES |                  |                    |                          |
|----------------------|------------------|--------------------|--------------------------|
| APPLETON STREET      | EDGE HILL ROAD   | LEBLANC LANE       | ROBBINS STREET           |
| ARBOR LANE           | EDGEWATER DRIVE  | LEDGE ROAD         | ROBERT A KING BOULEVARD  |
| ARCADIA AVENUE       | EDWIN ROAD       | LEITHA DRIVE       | ROBERT TREAT PAINE DRIVE |
| ARCADIA PLACE        | ELINOR CIRCLE    | LEONARD STREET     | ROBERTS ROAD             |
| ARLINGTON ROAD       | ELLERY ROAD      | LESLIE ROAD        | ROCKRIDGE ROAD           |
| ASH STREET           | ELLISON PARK     | LEXINGTON STREET   | ROGERS WAY               |
| ATHLETIC FIELD ROAD  | ELM AVENUE       | LEXINGTON TERRACE  | ROSE HILL WAY            |
| ATWATER LANE         | ELM COURT        | LIBERTY STREET     | ROSEANNA PARK DRIVE      |
| AUBURN STREET        | ELM STREET       | LINCOLN STREET     | ROSEMONT AVENUE          |
| AUBURN TERRACE       | ELMHURST TERRACE | LINCOLN TERRACE    | ROSEWOOD DRIVE           |
| AUGUSTUS ROAD        | ELMWOOD AVENUE   | LINCOLN WOODS ROAD | ROYAL STREET             |
| AUTUMN LANE          | ELSON ROAD       | LINDEN CIRCLE      | RUMFORD AVENUE           |
| AZALEA ROAD          | EMERSON ROAD     | LINDEN PARK DRIVE  | RUSSELL STREET           |
| BACON STREET         | EMERY STREET     | LINDEN STREET      | RUTLEDGE TERRACE         |
| BALDWIN ROAD         | EMMELINE AVENUE  | LINDEN TERRACE     | SACHEM STREET            |
| BALSAM STREET        | ENDICOTT STREET  | LINDY LANE         | SAGAMORE WAY             |
| BANBURY AVENUE       | ESSEX STREET     | LIONEL AVENUE      | SAMOSSET LANE            |
| BANCROFT STREET      | EVERETT STREET   | LISA LANE          | SANDERS LANE             |
| BANFORD WAY          | EVERGREEN AVENUE | LIVERMORE ROAD     | SANDERSON ROAD           |
| BANKS STREET         | EXCHANGE COURT   | LIVERPOOL LANE     | SARTELL ROAD             |

| WALTHAM STREET NAMES |                   |                   |                  |
|----------------------|-------------------|-------------------|------------------|
| BARBARA ROAD         | EXCHANGE STREET   | LIVINGSTONE LANE  | SAWYER ROAD      |
| BARNES STREET        | FAIRFAX ROAD      | LOGAN STREET      | SCHOOL AVENUE    |
| BARTLETT WAY         | FAIRMONT AVENUE   | LONGFELLOW ROAD   | SCHOOL STREET    |
| BARTON STREET        | FAIRVIEW AVENUE   | LOOP ROAD         | SECOND AVENUE    |
| BEAL ROAD            | FALCON WAY        | LORD STREET       | SEMINOLE AVENUE  |
| BEAR HILL ROAD       | FALCONER CIRCLE   | LORETTA ROAD      | SEMINOLE AVENUE  |
| BEAVER BROOK ROAD    | FALMOUTH ROAD     | LORY DRIVE        | SHADE STREET     |
| BEAVER STREET        | FANEUIL ROAD      | LOWELL PLACE      | SHAKESPEARE ROAD |
| BEDFORD STREET       | FARNSWORTH AVENUE | LOWELL STREET     | SHARON STREET    |
| BEECH STREET         | FARNSWORTH STREET | LUNDA STREET      | SHAWMUT ROAD     |
| BEECHWOOD ROAD       | FARNUM ROAD       | LURA LANE         | SHEFFIELD ROAD   |
| BELLEVUE PLACE       | FARWELL STREET    | LYMAN STREET      | SHERBOURNE PLACE |
| BELLEVUE STREET      | FELTON STREET     | LYMAN TERRACE     | SHERIDAN ROAD    |
| BEMIS AVENUE         | FENTON STREET     | MACKS COURT       | SHERWOOD LANE    |
| BENEFIT STREET       | FERN STREET       | MADISON ROAD      | SHIRLEY ROAD     |
| BENNETT STREET       | FIELD ROAD        | MAGNOLIA STREET   | SHORE ROAD       |
| BERKLEY STREET       | FIFTH AVENUE      | MAIN STREET       | SIBLEY ROAD      |
| BERKSHIRE ROAD       | FIR AVENUE        | MALLARD WAY       | SILVER HILL LANE |
| BIGELOW ROAD         | FIRST AVENUE      | MALONE PARK DRIVE | SIOUX AVENUE     |
| BIRCH ROAD           | FISKE AVENUE      | MALONE STREET     | SMART STREET     |
| BISHOP TERRACE       | FISKE COURT       | MALVERN STREET    | SMITH STREET     |
| BISHOPS FOREST DRIVE | FISKE STREET      | MANNING ROAD      | SNOW CIRCLE      |

| WALTHAM STREET NAMES |                   |                   |                       |
|----------------------|-------------------|-------------------|-----------------------|
| BITHER AVENUE        | FLAGG CIRCLE      | MANOR ROAD        | SOUTH FOUNTAIN AVENUE |
| BLACK BEAR DRIVE     | FLOOD STREET      | MAPLE STREET      | SOUTH STREET          |
| BLOSSOM STREET       | FLORAL CIRCLE     | MAPLE TERRACE     | SPARKILL STREET       |
| BOLAND STREET        | FLORENCE ROAD     | MARGUERITE AVENUE | SPENCER STREET        |
| BOLTON STREET        | FLOYD STREET      | MARIANNE ROAD     | SPRING STREET         |
| BOW STREET           | FOREST CIRCLE     | MARION STREET     | SPRUCE STREET         |
| BOWDOIN AVENUE       | FOREST GROVE ROAD | MARIVISTA AVENUE  | STANDISH COURT        |
| BOWKER ROAD          | FOREST PARK DRIVE | MARLBOROUGH ROAD  | STANLEY ROAD          |
| BOWKER STREET        | FOREST STREET     | MARLTON ROAD      | STEARNS HILL ROAD     |
| BOYNTON STREET       | FOUNDRY AVENUE    | MARTYN STREET     | STEARNS STREET        |
| BRADFORD STREET      | FOUNTAIN STREET   | MASSASOIT COURT   | STERLING ROAD         |
| BRAEMORE ROAD        | FOURTH AVENUE     | MASSASOIT STREET  | STONE ROAD            |
| BRENNAN AVENUE       | FOX ROAD          | MATTHEW LANE      | STOW STREET           |
| BREWSTER ROAD        | FRANCIS STREET    | MAYALL ROAD       | STRATTON TERRACE      |
| BRIAR HILL LANE      | FREEMONT TERRACE  | MCBRIDE COURT     | SUMMER AVENUE         |
| BRIARWOOD ROAD       | FRIEND STREET     | MCKENN STREET     | SUMMER STREET         |
| BRIGHAM ROAD         | FULLER STREET     | MEADE ROAD        | SUMMIT AVENUE         |
| BRIGHT STREET        | GALE STREET       | MEADOW LANE       | SUMMIT STREET         |
| BRIGHTWOOD ROAD      | GALEN STREET      | MECHANIC STREET   | SUN STREET            |
| BROOK AVENUE         | GARDEN CIRCLE     | MELODY LANE       | SUNNYSIDE STREET      |
| BROOKFIELD ROAD      | GARDEN LANE       | METROPOLITAN PKWY | SUNSET ROAD           |

| WALTHAM STREET NAMES |                    |                     |                  |
|----------------------|--------------------|---------------------|------------------|
| BROOKLINE STREET     | GARDNER STREET     | MICHAELCHRIS DRIVE  | SYLVAN ROAD      |
| BROOKVALE ROAD       | GATEHOUSE DRIVE    | MIDDLE STREET       | TAVERN ROAD      |
| BROOKWAY COURT       | GENTLEMANS WAY     | MIDDLE STREET COURT | TAYLOR STREET    |
| BROOKWAY ROAD        | GIBBS COURT        | MIDDLESEX CIRCLE    | TEMPLE ROAD      |
| BROWN STREET         | GILBERT STREET     | MIDDLESEX ROAD      | TENNYSON ROAD    |
| BROWNS AVENUE        | GILL ROAD          | MIDLAND DRIVE       | THAYER ROAD      |
| BRUCE ROAD           | GILMAN ROAD        | MILNER STREET       | THIRD AVENUE     |
| BRYANT ROAD          | GLEN CIRCLE        | MILO STREET         | THORNTON ROAD    |
| BUTTRICK STREET      | GOLDENCREST AVENUE | MILTON STREET       | THORNTON ROAD    |
| BUXTON LANE          | GORDON STREET      | MIRIAM ROAD         | TOLMAN STREET    |
| BYRON ROAD           | GORE STREET        | MOKEMA AVENUE       | TOMLIN STREET    |
| CABOT STREET         | GORHAM STREET      | MONTCLAIR AVENUE    | TOMMY LANE       |
| CALDWELL ROAD        | GORMANS COURT      | MONTVIEW AVENUE     | TOTTEN CIRCLE    |
| CALVARY STREET       | GRANT AVENUE       | MONTVIEW CIRCLE     | TOTTEN POND ROAD |
| CAMBRIA ROAD         | GRANT PLACE        | MOODY STREET        | TOTTENS COURT    |
| CANDACE AVENUE       | GRANT STREET       | MOORE STREET        | TOWER ROAD       |
| CANDLEWOOD DRIVE     | GRAYMORE ROAD      | MORRIS STREET       | TOWNSEND STREET  |
| CANTERBURY ROAD      | GREELEYS COURT     | MORTON STREET       | TRACER LANE      |
| CARLETON ROAD        | GREEN STREET       | MORTON WAY          | TRAPELO ROAD     |
| CARLIN ROAD          | GREENWOOD LANE     | MOUNT IDA TERRACE   | TRIMOUNT AVENUE  |
| CAROL LANE           | GREER STREET       | MOUNT PLEASANT ST   | TRINITY CIRCLE   |
| CARTER STREET        | GREGORY STREET     | MOUNT VERNON AVE    | TUDOR STREET     |

| WALTHAM STREET NAMES |                 |                   |                          |
|----------------------|-----------------|-------------------|--------------------------|
| CASEY CIRCLE         | GROSVENOR ROAD  | MOUNT WALLEY ROAD | TURNER STREET            |
| CASTLE STREET        | GROVE ROAD      | MOUNTAIN ROAD     | UNDERWOOD PARK           |
| CAUGHEY STREET       | GROVE STREET    | MULDOONS COURT    | UNION STREET             |
| CEDAR HILL LANE      | GUINAN STREET   | MUNROE AVENUE     | UNIVERSITY PARK          |
| CEDAR STREET         | HAGAR LANE      | MUNSTER TERRACE   | UPLAND ROAD              |
| CEDARCROFT LANE      | HAGAR STREET    | MURRAY STREET     | UPTON ROAD               |
| CEDARWOOD AVENUE     | HALL STREET     | MUSIC HALL AVENUE | VALLEY VIEW ROAD         |
| CENTRAL AVENUE       | HAMBLIN ROAD    | MYRTLE STREET     | VAN VECHTEN STREET       |
| CENTRAL STREET       | HAMILTON ROAD   | NANCY LANE        | VARNUM PARK              |
| CENTRE STREET        | HAMMER STREET   | NATHAN ROAD       | VERNON STREET            |
| CHAFFEE AVENUE       | HAMMOND STREET  | NAVIENS LANE      | VESPER STREET            |
| CHAMBERLAIN TER      | HANSEN ROAD     | NEIGHBORS LANE    | VILES COURT              |
| CHAPEL ROAD          | HARDING AVENUE  | NEWBURGH STREET   | VILLA STREET             |
| CHARLES RIVER ROAD   | HARDY POND ROAD | NEWTON STREET     | VIRGINIA ROAD            |
| CHARLES STREET       | HARDY STREET    | NOONAN STREET     | WADSWORTH AVENUE         |
| CHARLES STREET AVE   | HARLAND ROAD    | NORUMBEGA TERRACE | WALL STREET              |
| CHARLESBANK WAY      | HARMON ROAD     | NOTTINGHAM STREET | WALLS COURT              |
| CHARLOTTE ROAD       | HARRINGTON ROAD | NUTTING ROAD      | WALNUT STREET            |
| CHASE ROAD           | HARRIS STREET   | OAK HILL ROAD     | WALTHAM FEDERAL CTR ROAD |
| CHATHAM LANE         | HARTWELL PLACE  | OAK ROAD          | WALTON STREET            |

| WALTHAM STREET NAMES |                  |                    |                    |
|----------------------|------------------|--------------------|--------------------|
| CHERRY LANE          | HARTWELL STREET  | OAK STREET         | WAMPUM AVENUE      |
| CHERRY STREET        | HARVARD PLACE    | OAKLEDGE ROAD      | WAMSUTTA AVENUE    |
| CHERYL LANE          | HARVARD STREET   | OAKLEY LANE        | WARREN AVENUE      |
| CHESTER AVENUE       | HASTINGS AVENUE  | ODE STREET         | WARREN STREET      |
| CHESTER LANE         | HASTINGS STREET  | OLD CONANT CIRCLE  | WARWICK AVENUE     |
| CHESTERBROOK ROAD    | HATHERLY ROAD    | OLD CONANT ROAD    | WASHINGTON AVENUE  |
| CHESTNUT AVENUE      | HAWTHORNE ROAD   | OLD COUNTRY ROAD   | WATER STREET       |
| CHESTNUT PARK        | HAYS ROAD        | OLD COUNTY ROAD    | WAVERLEY OAKS ROAD |
| CHESTNUT STREET      | HAZEL STREET     | OLD LEXINGTON ROAD | WAVERLEY STREET    |
| CHRISTOPHER ROAD     | HEARD STREET     | OLD SOUTH STREET   | WEBSTER STREET     |
| CHURCH STREET        | HELEN STREET     | ORANGE STREET      | WEIR ROAD          |
| CIRCLE DRIVE         | HEMLOCK TERRACE  | ORCHARD AVENUE     | WELLINGTON AVENUE  |
| CIRCLE ROAD          | HERSUM WAY       | OUTLOOK ROAD       | WELLINGTON STREET  |
| CIRCUIT LANE         | HIAWATHA AVENUE  | OVERLAND ROAD      | WEST STREET        |
| CLAREMONT STREET     | HIBISCUS AVENUE  | OVERLOOK ROAD      | WESTBROOK CIRCLE   |
| CLARK LANE           | HICKORY DRIVE    | PALMER STREET      | WESTGATE ROAD      |
| CLARK STREET         | HIGH ROCK CIRCLE | PARK AVENUE        | WESTON STREET      |
| CLARK TERRACE        | HIGH STREET      | PARK PLACE         | WETHERBEE ROAD     |
| CLEMATIS AVENUE      | HIGHLAND STREET  | PARK STREET        | WHEELOCK ROAD      |
| CLEMENTS ROAD        | HILL ROAD        | PARKERS LANE       | WHEELOCK TERRACE   |
| CLEVELAND ROAD       | HILL STREET      | PARKVIEW ROAD      | WHITCOMB STREET    |



| WALTHAM STREET NAMES |                   |                   |                  |
|----------------------|-------------------|-------------------|------------------|
| CLIFF ROAD           | HILLCREST ROAD    | PARMENTER ROAD    | WHITFORD TERRACE |
| CLINTON STREET       | HILLCREST STREET  | PARSONS AVENUE    | WHITMAN ROAD     |
| CLOCKTOWER DRIVE     | HILLCROFT ROAD    | PARTRIDGE CIRCLE  | WHITNEY AVENUE   |
| COLBURN STREET       | HILLSIDE AVENUE   | PEARL STREET      | WHITNEY COURT    |
| COLLEGE DRIVE        | HILLSIDE ROAD     | PEIRCE STREET     | WHITTIER AVENUE  |
| COLLEGE FARM ROAD    | HOBBS BROOK ROAD  | PELHAM ROAD       | WIGHT STREET     |
| COLONIAL AVENUE      | HOBBS ROAD        | PHEASANT ROAD     | WILBUR STREET    |
| COLUMBUS AVENUE      | HOLLACE STREET    | PHILIPS TERRACE   | WILDWOOD LANE    |
| COMMON STREET        | HOPE AVENUE       | PHILLIPS CIRCLE   | WILLARD STREET   |
| COOLIDGE AVENUE      | HOVEY ROAD        | PIEDMONT AVENUE   | WILLIAMS STREET  |
| COOPER STREET        | HOWARD STREET     | PIETY CORNER ROAD | WILLOW STREET    |
| COPELAND STREET      | HUMBOLDT STREET   | PIGEON LANE       | WILMOT ROAD      |
| COPLEY AVENUE        | HUNTINGTON STREET | PINE HILL CIRCLE  | WILSON ROAD      |
| CORNWALLIS PLACE     | INDIAN ROAD       | PINE OAK STREET   | WILTON STREET    |
| COTTAGE STREET       | INTERVALE ROAD    | PINE STREET       | WIMBLEDON CIRCLE |
| COVE STREET          | IRVING STREET     | PINE VALE ROAD    | WINDSOR TERRACE  |
| COWASSET LANE        | IVALOO STREET     | PLANT ROAD        | WINGATE ROAD     |
| CRABTREE STREET      | IVY LANE          | PLEASANT AVENUE   | WINSOM AVENUE    |
| CRAFTS STREET        | JACKS WAY         | PLEASANT STREET   | WINTER PLACE     |
| CRAIG LANE           | JACKSON PLACE     | PLYMPTON AVENUE   | WINTER STREET    |
| CRAVEN CIRCLE        | JACKSON STREET    | PLYMPTON CIRCLE   | WINTHROP STREET  |
| CRESCENT STREET      | JACQUELINE ROAD   | PLYMPTON STREET   | WOBURN STREET    |

WALTHAM STREET NAMES

|                   |                   |                    |                    |
|-------------------|-------------------|--------------------|--------------------|
| CRESTVIEW ROAD    | JAMES STREET      | POND END ROAD      | WOERD AVENUE       |
| CROSS STREET      | JEFFERSON AVENUE  | POND END SCHOOL LN | WOODCHESTER CIRCLE |
| CUNNINGHAM CIRCLE | JENNINGS ROAD     | POND STREET        | WOODCHESTER ROAD   |
| CURTIS STREET     | JERICO HILL ROAD  | POND STREET COURT  | WOODCLIFF DRIVE    |
| CURVE STREET      | JOHN STREET       | PORTER ROAD        | WOODLAND ROAD      |
| CUSANO CIRCLE     | JONES ROAD        | POTTER ROAD        | WOODLAWN AVENUE    |
| CUSHING STREET    | JOY STREET        | POWER PLANT ROAD   | WORCESTER LANE     |
| CUTTER STREET     | JOYCE ROAD        | PRATT AVENUE       | WYCOMA WAY         |
| CUTTING LANE      | JUDITH LANE       | PRENTICE STREET    | WYMAN STREET       |
| CYCLE STREET      | JUNIPER HILL ROAD | PRINCETON AVENUE   | WYOLA PROSPECT     |
| DALE CIRCLE       | KEACH STREET      | PRISCILLA LANE     | YETTEN TERRACE     |

APPENDIX 2:  
HERBICIDE FACT SHEETS  
LOCATED AT:

[RIGHTS OF WAY SENSITIVE AREA MATERIALS LIST](#)

APPENDIX 3:  
HERBICIDE LABELS

ESCORT XP:

[ESCORT XP \(CDMS.NET\)](#) (Bayer)

[ESCORT XP \(CDMS.NET\)](#) (ENVU)

ESPLANADE 200SC:

[ESPLANADE 200SC \(CDMS.NET\)](#) (Bayer)

[ESPLANADE 200C \(CDMS.NET\)](#) (ENVU)

GARLON 4 ULTRA:

[GARLON 4 ULTRA \(CDMS.NET\)](#)

KRENITE S:

[KRENITE S \(CDMS.NET\)](#)

PATRIOT:

[PATRIOT \(CDMS.NET\)](#)

POLARIS:

[POLARIS \(CDMS.NET\)](#)

RODEO:

[RODEO \(CDMS.NET\)](#)

APPENDIX 4:  
HERBICIDE SPILL CHECK LIST

APPENDIX 4:  
HERBICIDE SPILL CHECK LIST

**REPORTABLE SPILLS (Spills of reportable quantity of material): FOLLOW STEPS 1-10**  
**NON-REPORTABLE SPILLS: FOLLOW STEPS 1, 2, 3, 4, 7, 8, 9, 10 & 11 as appropriate**  
and contact the Waltham representative.

| Order | ACTION  | Done (√)   |
|-------|---|--|
| 1     | Use any and all PPE as directed by product label or SDS.  |  |
| 2     | Cordon-off spill area to unauthorized people and traffic to reduce the spread and exposure of the spill   |  |
| 3     | Identify source of spill and apply corrective action, if possible, stop or limit any additional amounts of spilled product.   |  |
| 4     | Contain spill and confine the spread by damming or diking with soil, clay, or other absorbent materials.  |  |
| 5     | Report spills of "reportable quantity" to the Mass. DEP and MDAR:   |  |
|       | Massachusetts MDAR, Pesticide Bureau  | (617) 626-1700   |
|       | Massachusetts Department of Environmental Protection, Emergency Response Section  | Main Office: (888) 304-1133<br>(after hours number)<br>Northeast Region:<br>(978) 694-3200 |
| 6     | If the spill cannot be contained or cleaned-up properly, or if there is a threat of contamination to any bodies of water, immediately contact any of the following applicable emergency response personnel: |  |
|       | local fire, police, rescue  | 911  |
|       | Waltham CPW Representative<br><b>Kevin Thompson</b>   | (781) 314-3850   |
|       | Waltham Environmental Specialist<br><b>Sheryl Waddick</b>   | (781) 314-3296   |
|       | Product manufacturer(s)   |  |
|       | 1   | 1  |
|       | 2   | 2  |
| 3     | 3   |  |
|       | Chemtrec  | (800) 424-9300   |
|       | additional emergency personnel  |  |
| 7     | Remain at the scene to provide information and assistance to responding emergency clean-up crews  |  |
| 8     | Refer to the various sources of information relative to handling and cleanup of spilled product   |  |
| 9     | If possible, complete the process of "soaking up" with absorbent materials  |  |
| 10    | Sweep or shovel contaminated products and soil into leak proof containers for proper disposal at approved location  |  |
| 11    | Spread activated charcoal over spill area to inactivate any residual herbicide  |  |