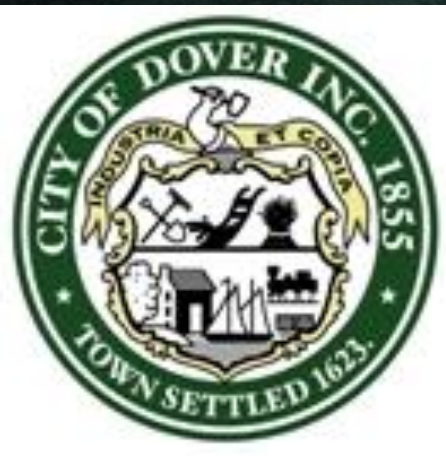
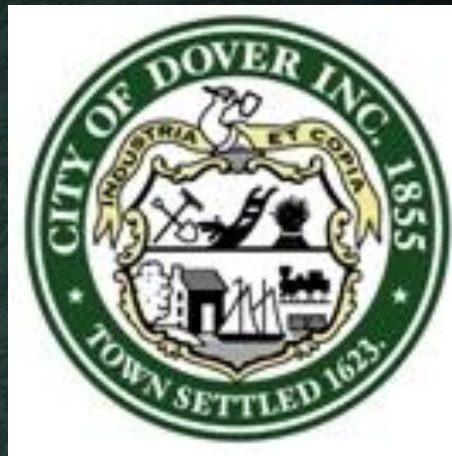




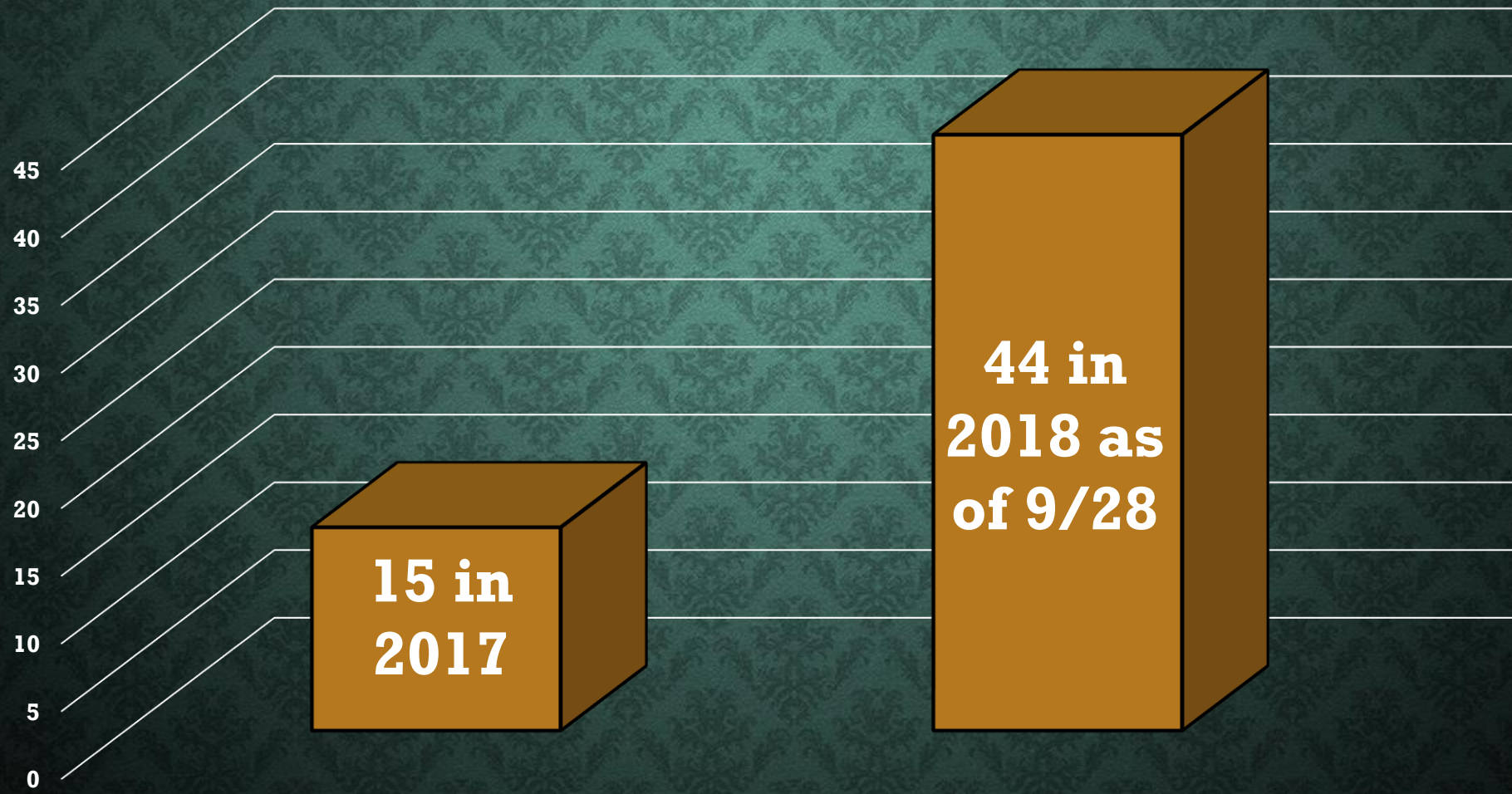
# **CITY COUNCIL WORKSHOP 10/03/2018**



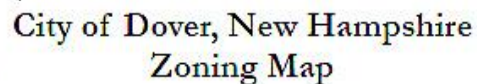
## **PEST CONTROL RECOMMENDATIONS**



# Rodent Complaints







- ☐ Challenge
- ☐ Manage
- ☐ Persuade
- ☐ Value

- Roads**
- Spaulds Highway
  - State Highway
  - Local Road

- Zoning District**  
 R-40 Rural  
 R-20 Low  
 R-12 Med  
 R-5 Sub

- RM SLT S
- RM ULL
- D 1 Neig
- D 3 Thave
- D 4 Haze

- D-5 Grates
- T-1 Resin
- T-2 Resin
- T-4 Asbestos
- CHD Core

-  CSD Case  
 H Hingale  
 O O'Neil  
 LNW Law  
 HTP Rader

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- When Entered From Ireland Province:

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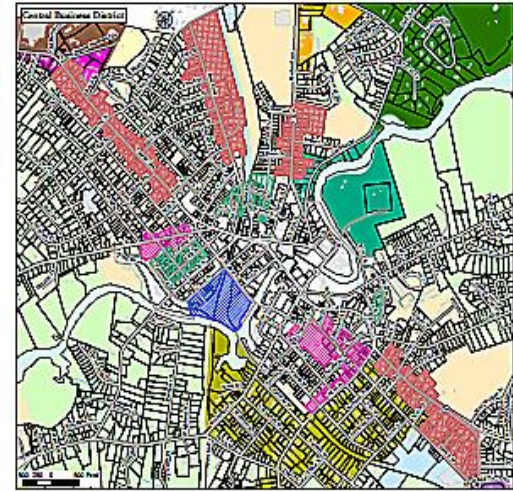
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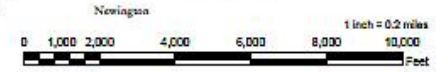
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- North 100 Road  
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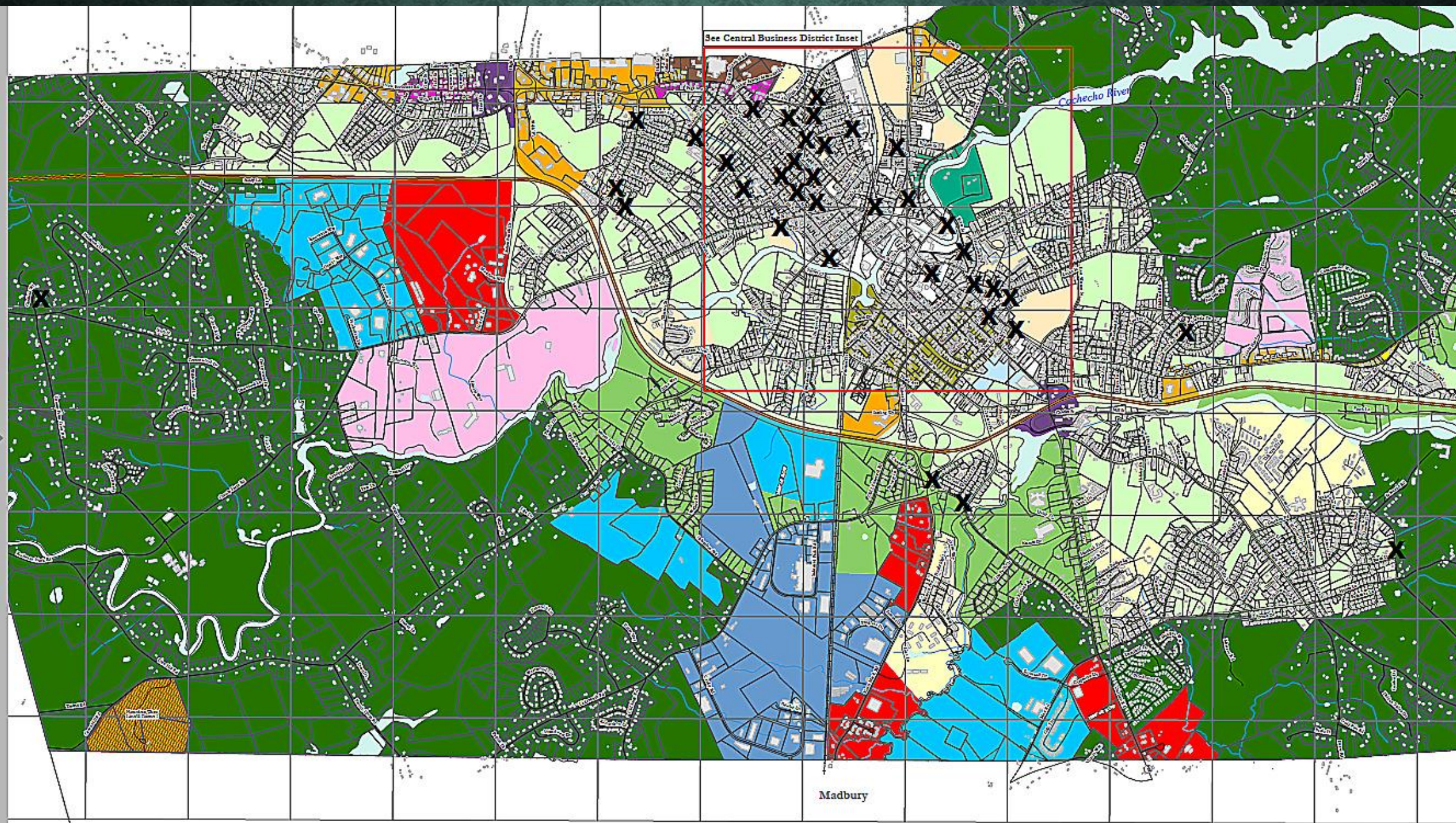
- Central Business District Regulating Plan**
- Control Sub-Process  
Development Planning Sub-Process  
Market Use Sub-Process  
Freeway Sub-Process  
Transportation Development Sub-Process



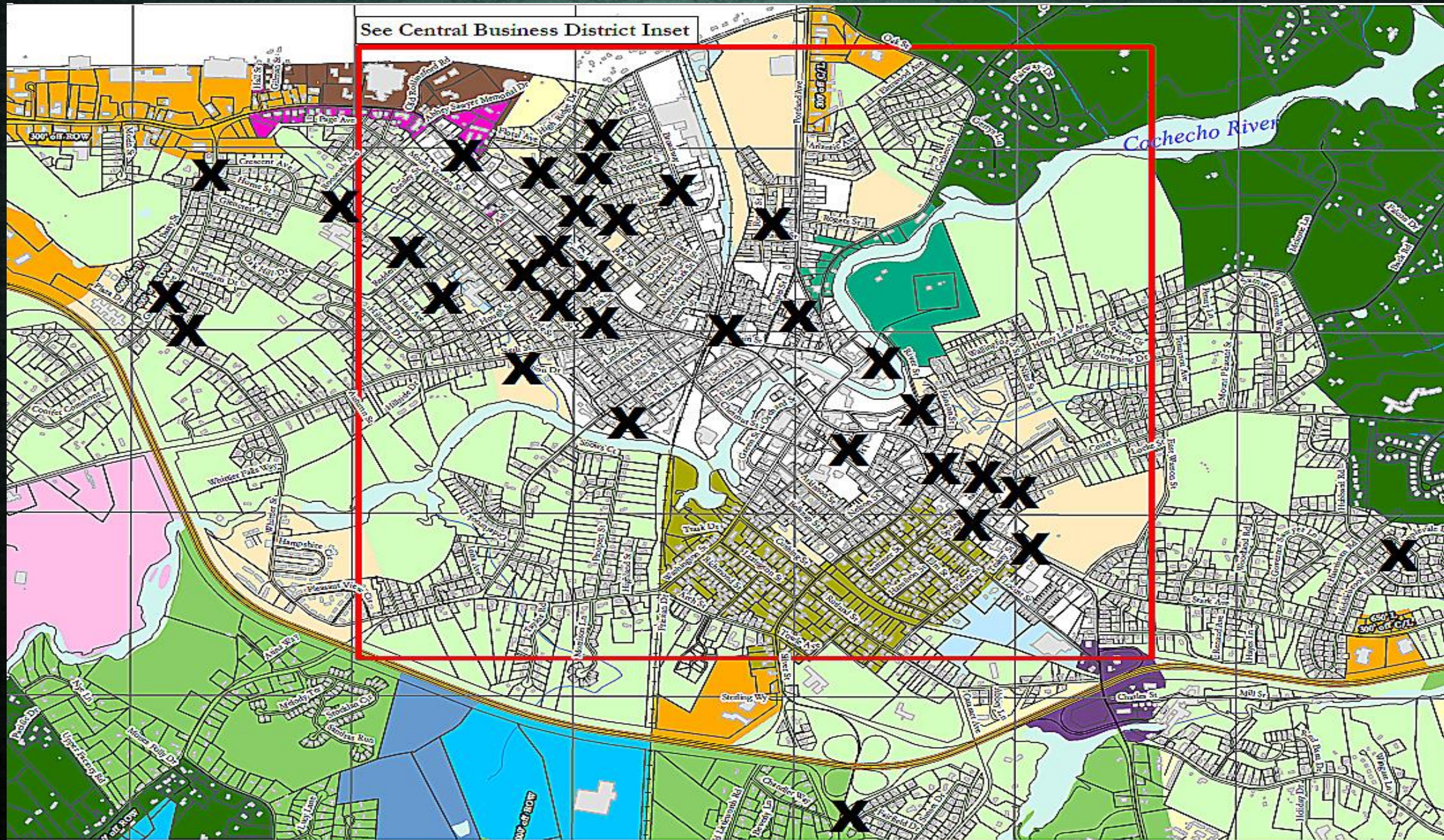
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| Sheet Index |         |         |         |         |         |         |         |         |          | Sheet Index |          |          |          |          |          |          |          |          |          | Sheet Index |          |          |          |          |          |          |          |          |          | Sheet Index |          |          |          |          |          |          |          |          |          | Sheet Index |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |
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| Sheet 1     | Sheet 2 | Sheet 3 | Sheet 4 | Sheet 5 | Sheet 6 | Sheet 7 | Sheet 8 | Sheet 9 | Sheet 10 | Sheet 11    | Sheet 12 | Sheet 13 | Sheet 14 | Sheet 15 | Sheet 16 | Sheet 17 | Sheet 18 | Sheet 19 | Sheet 20 | Sheet 21    | Sheet 22 | Sheet 23 | Sheet 24 | Sheet 25 | Sheet 26 | Sheet 27 | Sheet 28 | Sheet 29 | Sheet 30 | Sheet 31    | Sheet 32 | Sheet 33 | Sheet 34 | Sheet 35 | Sheet 36 | Sheet 37 | Sheet 38 | Sheet 39 | Sheet 40 | Sheet 41    | Sheet 42 | Sheet 43 | Sheet 44 | Sheet 45 | Sheet 46 | Sheet 47 | Sheet 48 | Sheet 49 | Sheet 50 | Sheet 51 | Sheet 52 | Sheet 53 | Sheet 54 | Sheet 55 | Sheet 56 | Sheet 57 | Sheet 58 | Sheet 59 | Sheet 60 | Sheet 61 | Sheet 62 | Sheet 63 | Sheet 64 | Sheet 65 | Sheet 66 | Sheet 67 | Sheet 68 | Sheet 69 | Sheet 70 | Sheet 71 | Sheet 72 | Sheet 73 | Sheet 74 | Sheet 75 | Sheet 76 | Sheet 77 | Sheet 78 | Sheet 79 | Sheet 80 | Sheet 81 | Sheet 82 | Sheet 83 | Sheet 84 | Sheet 85 | Sheet 86 | Sheet 87 | Sheet 88 | Sheet 89 | Sheet 90 | Sheet 91 | Sheet 92 | Sheet 93 | Sheet 94 | Sheet 95 | Sheet 96 | Sheet 97 | Sheet 98 | Sheet 99 | Sheet 100 |







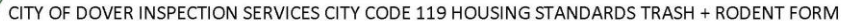




# **TODAY'S PROCESS WHEN A COMPLAINT IS RECEIVED**

1. All Complaint's Logged
2. Health Inspector Investigates
3. Finding Documented
4. Educational Materials Distributed
5. Follow Up Until Proof Issue Resolved
6. If Non-Compliant, Build Case For Superior Court

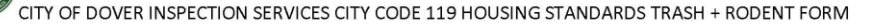




Property Location: \_\_\_\_\_

☐ Given Educational Material☐ Given Educational Material

- 119-33. Violations and Penalties:** *Any Person who shall violate any provision of this Chapter or any provision of any rule or regulation adopted by the Health Officer pursuant to authority granted by this Chapter shall, upon conviction, be punished by a fine not to exceed one hundred dollars (\$100.00). Each day's failure to comply with any such provision shall constitute a separate violation.*



INSPECTOR SIGNATURE: \_\_\_\_\_

ERIC HAGMAN  
Chief

Emergency Management Director  
fire&rescue@dover.nh.gov



DOVER FIRE & RESCUE

288 Central Avenue  
Dover, New Hampshire 03820-4169  
(603) 742-4646  
Fax: (603) 516-6146  
www.dover.nh.gov

#### **Informational Bulletin - rodents and small animals**

Recently, Inspection Services has received several calls from residents looking for information on how to prevent rodents and small animals from being attracted to one's property, so Inspection Services thought it would be proactive to share the following.

Our natural environment is subject to animals, both wild and domestic, even in heavily populated areas. The City through its City Code, has some basic control measures which can be found in City Code Chapter 97: Trash and Recycling Collection. The most important is the requirement that household trash be contained in cans with covers to keep both wild and domestic animals out, until it can be placed at the curb on the day of trash pickup or removal to a dump site. When this isn't followed and trash is allowed to build up or be stored outside on the ground in a yard; mice, rats, skunks, and other animals are quickly attracted to what they consider an easy food source. For more information on Trash and Recycling Collection, visit <http://www.dover.nh.gov/government/city-charter-code/> where all City Codes can be viewed and downloaded.

Some residents opt to be environmentally friendly and have compost piles. Though helping the environment, Inspection Services discourages ground composting as this also provides an easy food source for unwanted animals. Instead, use composting tumblers or composting barrels. Since composting piles should be turned every few days to assist the material breakdown, a rotating barrel or tumbler style composting container makes that easy to do. These also keep the compost contained and prevent animals from accessing the decaying material.

Once a rodent finds a food source (food, waste, birdseed or other material), they will make their homes by burrowing close to the food source. This can be under debris or other yard items which provide a hiding place from predators or humans. Once in a safe place, they multiply very quickly and the remediation process becomes a long-term costly event. When a food source is available, rodents will typically stay away from toxic baits or traps until the easy

food source is removed. Keeping properties clean and neatly cared for is the first line of protection. The second line of protection would be the use of a professional pest control company in order to control any rodent or small animal population properly, so that other animals like dogs or cats are not accidentally poisoned.

In addition to unwanted rodents being a potential health hazard if not properly controlled, they can damage a home. Small rodents need to continually chew in order to keep their always-growing teeth to an appropriate size. They often chew on basement level window frames or foundation sill plates which in addition to being damaging, eventually allows entry into the basement of a home.

Since every Town & City has some types of unwanted animal activity, residents are asked to take a proactive approach to assist in preventing a neighborhood influx. On a larger scale, the State of NH also recommends more rural areas to keep bird feeders to a minimum when bears are coming out of hibernation and can be a risk. For more information or assistance with questions, feel free to call Inspection Services at 516-6038.

Revised 5/2018



# **POTENTIAL ORDINANCE CHANGES CHAPTER 97 – TRASH & RECYCLING COLLECTION**

- **Solid Waste Advisory Commission (SWAC)  
met Sept. 20, 2018**
- **Recommended education & outreach in lieu  
of mandates for closed containers or changes  
to composting**
- **Acknowledged new Solid Waste & Recycling  
Contract will be coming up July 1, 2020**
- **Anticipating potential cost impacts**



# MANDATING ENCLOSED CONTAINERS



- Simple edit to Chapter 97
- Redefine “Container”
  - 50 gallon max size
  - Combined weight 50 lbs max
  - Not toters
  - Available locally ~ \$15
  - Fly-tight & rodent-proof
  - No impact on current contract
  - Example – Cambridge, MA
- Dover bags still utilized
- Trash must be in approved container for curbside collection
- No impact to bag costs/program



# MANDATING COMPOSTING BINS

- Simple edit to Chapter 97
- Allow composting within urban core only with rodent-proof containers, allow rural outskirts to continue
- Bins available locally ~ \$80
- UNH Fellow in Planning Dept is researching additional options





# SUBSCRIPTION-BASED TOTER

- Add curbside collection option to current Bag Program
- City sells 500,000 +/- bags annually – FY19 \$945,000 revenue
- Provide subscription-based option for 35 gallon toter
- Maximum weight – 50 pounds
- Would be acceptable under current Solid Waste Contract
- Anything larger would require different garbage trucks and slow collection rates





# SUBSCRIPTION-BASED TOTER

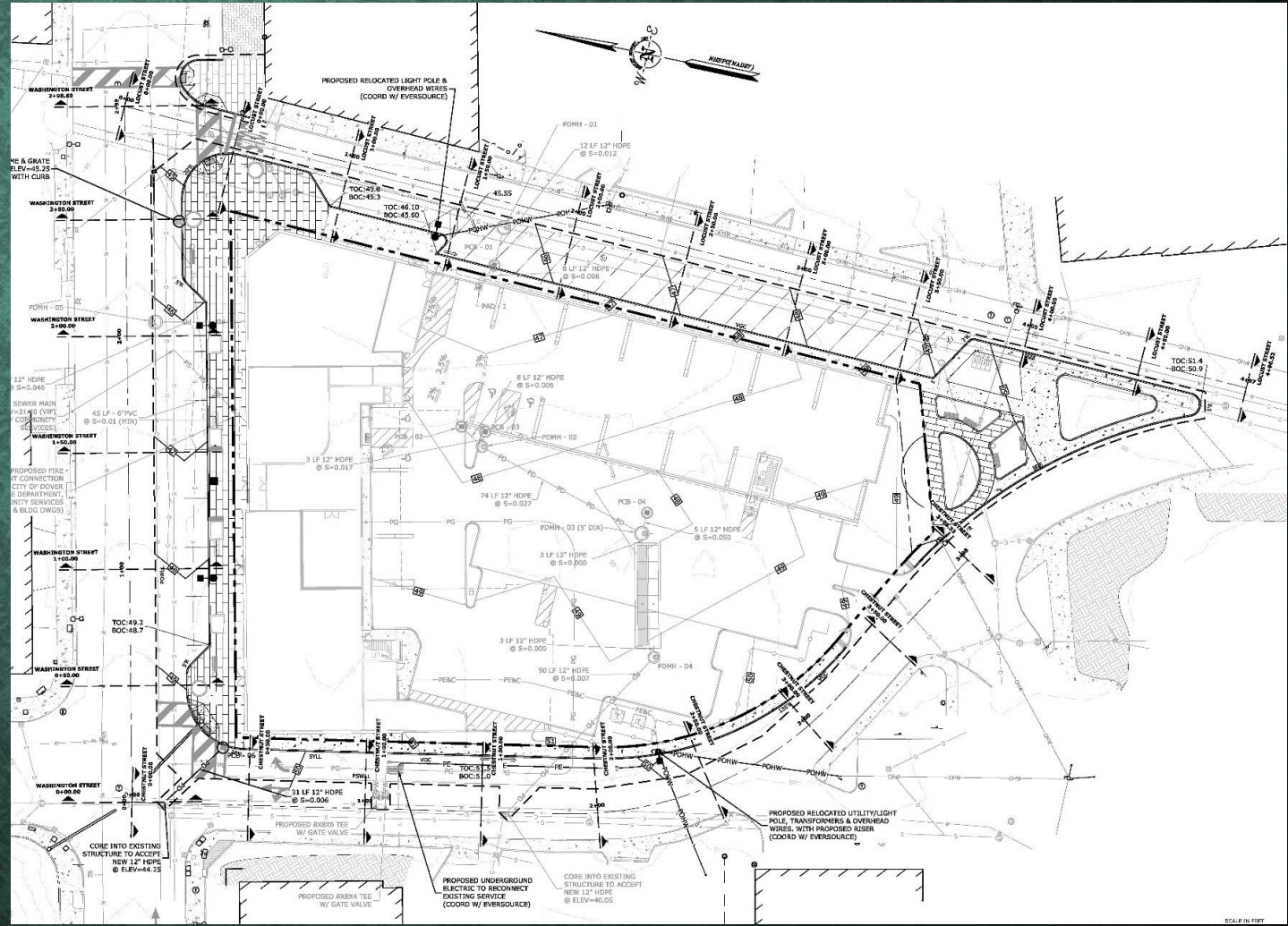
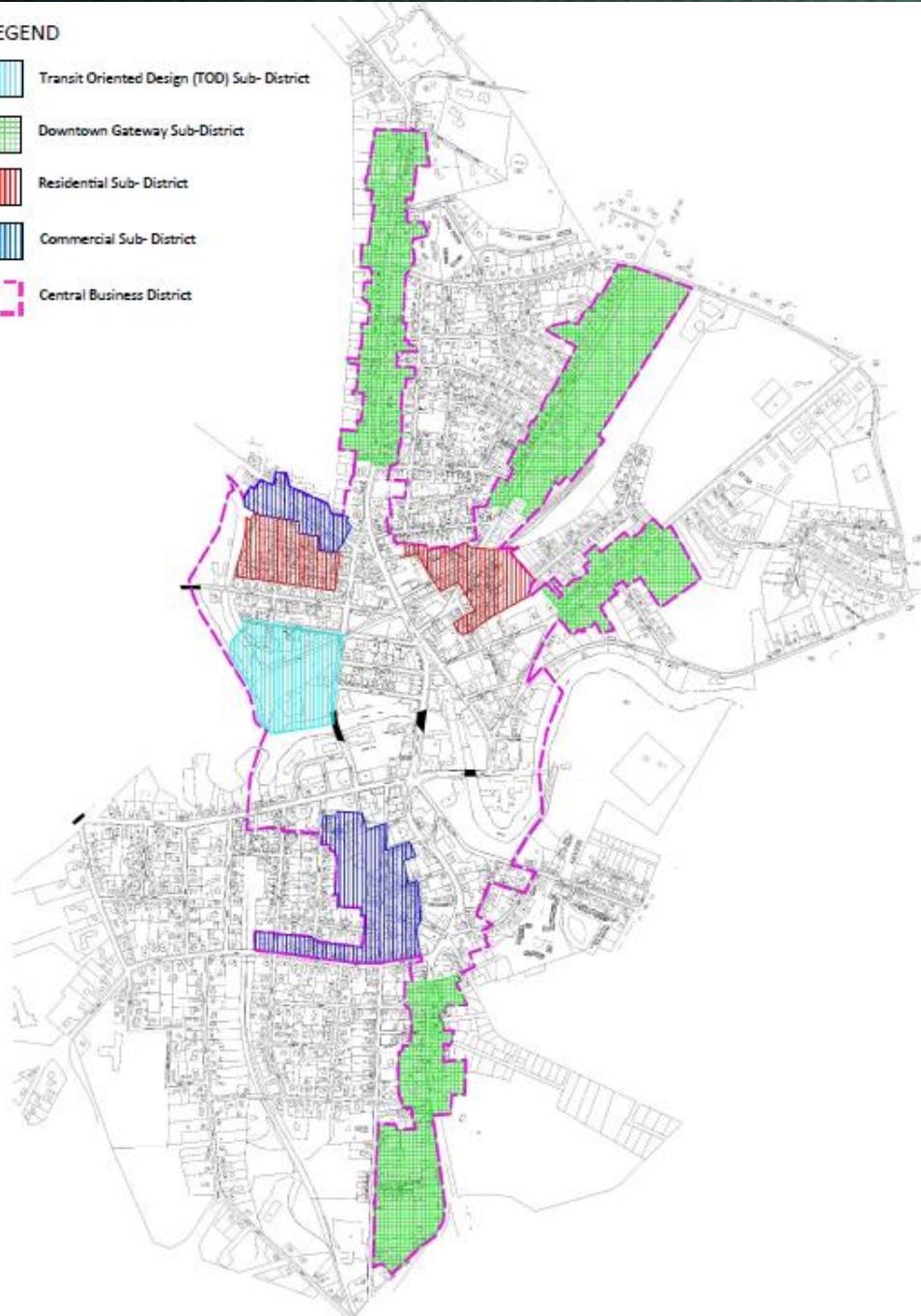


- 35-gallon capacity should accommodate single family home
- **Fee** structure would have to offset loss of projected Bag Sales
- Would require registration process and/or sticker
- ~\$80 to \$90 purchase price
- Annual Fee ~ \$224 to \$335, assuming
  - either 2 or 3 bags per week



# LEGEND

-  Transit Oriented Design (TOD) Sub-District
-  Downtown Gateway Sub-District
-  Residential Sub-District
-  Commercial Sub-District
-  Central Business District





# What is IPM?

**Integrated Pest Management** is a science-based approach that combines a variety of techniques. By studying their life cycles and how pests interact with the environment, IPM professionals can manage pests with the most current methods to improve management, lower costs, and reduce risks to people and the environment.

## IPM tools include:

- Alter surroundings
- Add beneficial insects/organisms
- Grow plants that resist pests
- Disrupt development of pest
- Prevention of pest problem developing
- Disrupt insect behaviors
- Use pesticides

## 1 IDENTIFY/MONITOR

Determine the causal agent and its abundance (contact your local extension agent for help).

## 2 EVALUATE

The results from monitoring will help to answer the questions: Is the pest causing damage? Do we need to act? As pest numbers increase toward the economic threshold further treatments may be necessary.

## 3 PREVENT

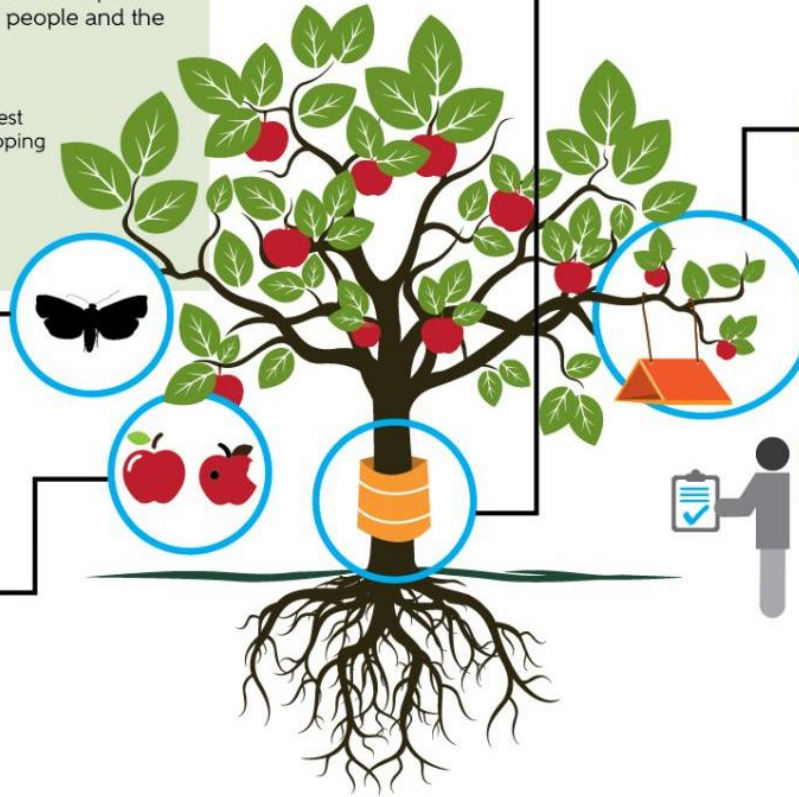
Some pest problems can be prevented by using resistant plants, planting early, rotating crops, using barriers against climbing pests, sanitation, and sealing cracks in buildings.

## 4 ACTION

IPM uses multiple tools to reduce pests below an economically damaging level. A careful selection of preventive and curative treatments will reduce reliance on any one tactic and increase likelihood of success.

## 5 MONITOR

Continue to monitor the pest population. If it remains low or decreases, further treatments may not be necessary, but if it increases and exceeds the action threshold, another IPM tool should be used.



## WHERE CAN YOU PRACTICE IPM?



### Buildings and Homes:

Inspect, identify pests, keep pests out, clean to deny pests food and water, vacuum, trap, or use low-risk pesticides.



### Farms:

Check for pests/pest damage regularly, identify accurately, choose pest-resistant plant varieties, encourage/introduce beneficial insects, time planting to avoid pests, and if needed use low-risk pesticides.



### Managed Natural Systems:

Identify the pest and use management options that have minimal risks to pollinators, humans, and pets.



The Entomological Society of America is the largest organization in the world serving the needs of entomologists and other insect scientists. ESA stands as a resource for policymakers and the general public who seek to understand the importance and diversity of earth's most diverse life form—insects. Learn more at [www.entsoc.org](http://www.entsoc.org).