

Annual Operations Report

Year Report Covers: 2025 Date of Report: 1/16/2026

Project/District Name: Plymouth County Mosquito Control Project

Count of Cities and Towns in Service Area: 28

Alphabetical List of Cities/Towns: Abington, Bridgewater, Brockton, Carver, Cohasset, Duxbury, East Bridgewater, Halifax, Hanover, Hanson, Hingham, Hull, Kingston, Lakeville, Marion, Marshfield, Mattapoisett, Middleboro, Norwell, Pembroke, Plymouth, Plympton, Rochester, Rockland, Scituate, Wareham, West Bridgewater, Whitman

Were there any changes to your service area this year? No

Municipality added: No

Municipality removed: No

HQ Address: 272 South Meadow Rd. Plymouth 02360

Phone: 781-585-5450

Email: PCMCP@mass.gov

Report Prepared By: Ross Rossetti, Ellen Bidlack, Matthew McPhee

Mission Statement, if available: The goal of mosquito control is to prevent the transmission of mosquito-borne disease, maintain quality of life, and minimize adverse impacts to the economy by using techniques of integrated pest management to reduce mosquito populations in the most environmentally responsible and efficient manner possible.

ORGANIZATION SETUP

Commissioner Names:

John Sharland(Chair)

Ann Motyka(Vice Chair/Secretary)

Thomas Reynolds

Elaine Fiore

Joyce Krystofolski

Superintendent/Director Name: Ross Rossetti
Matthew McPhee

Asst. Superintendent/Director Name:

District/Project Website: <http://plymouthmosquito.org>

Please list below any additional social media accounts:
<http://www.facebook.com>

Staffing levels for the year of this report:

Full time: 13

Part time: 2

Seasonal: 4

Other: (please describe)

Of the above, how many are:

(Please check off all that apply, and list how many are Full Time, Part Time, Or Seasonal)

☒ Administrative Ross

Rossetti, Matthew McPhee,

Denise Deluca

☐ Biologist

☒ Educator Erin Morrill

☒ Entomologist Elen Bidlack

☒ Facilities Matthew McPhee,

Russell Mazzilli

☒ Information technology

Ellen Bidlack, Ross Rossetti

☒ Laboratory Ellen Bidlack

☒ Operations Ross Rossetti,

Matthew McPhee, Russell

Mazzilli

☒ Public relations Erin Morrill

☐ Wetland scientist

☒ Other (please describe)

Pilot-Ross Rossetti, Pilot-

Thomas Foley, General

Foreman - Russell Mazzilli,

Equipment Operator-

Christopher Hoppie, Field

Technicians - Brian Callahan,

Devin Campbell, Christoper

Hanna, Stephanie Dugan,

Mason Taft, Kendric Stiles,

Owen Lydon

Comments:

During the season, the following were maintained:

Count	Equipment Type	Type(s)
1	Modified wetland equipment	CAT 305 mini excavator
17	Larval control equipment	A-1 Mist Sprayer, hydraulic sprayer, backpack sprayers, pump can
8	ULV sprayers	Clarke Pro Mist Dura
1	Electric Vehicles	Ford Lightning
17	Gas Powered Vehicles	Light, Medium, and Heavy Duty Trucks
4	Other: 1CAT 303 mini excavator, 1 John Deere 323E Compact Track Loader, 1 Mustang Skid-steer, 1 Cessna AG Wagon w/boom nozzle & grandular spreader	

Comments:

INTEGRATED PEST MANAGEMENT (IPM):

Check off all services that your district/project currently provides to member municipalities as part of an IPM program (details will be provided in the sections below):

- ☒ Adult mosquito control
- ☒ Adult mosquito surveillance
- ☒ Ditch maintenance
- ☒ Education, Outreach & Public education
- ☒ Larval mosquito control
- ☒ Larval mosquito surveillance

- ☐ Open Marsh Water Management
- ☒ Research
- ☒ Source reduction
- ☒ Other (Please List:) **Pesticide resistance testing**

Comments:

LARVAL MOSQUITO SURVEILLANCE

If you have a larval mosquito surveillance program, please fill out the section below, otherwise skip ahead to the next section.

Describe the purpose of this program: The program monitors larval presence, instar stages, and other site conditions to determine the most effective control measures. Larval samples are returned to the lab for species identification. Post-application assessments are conducted to ensure treatment efficacy.

What months is this program active? Spring and Summer months

Describe the process of monitoring / sampling: Field personnel use standard larvae dippers to check for mosquito larvae in historic or new sites. Average number of larvae and instar are recorded in our mobile app. A small number of the larvae are taken back to the lab to be identified to species. Post treatment samples are taken to measure efficacy of the treatment.

Describe the habitat that is being sampled: A variety of fresh water wetland, salt marshes, drainage basins, and stagnant water within the district.

What environmental conditions (vegetation, water quality, predators) are observed? Conditions vary widely depending on the site and time of year. Field techs record density of vegetation, water clarity, and presence of arthropods or tadpoles.

How frequently are sites monitored? Rechecks of sites without larvae can be done after 7 days while treated sites can be checked after 2 days for efficacy and rechecked or retreated according to the pesticide label.

Comments:

ADULT MOSQUITO SURVEILLANCE

If you have an adult mosquito surveillance program, please fill out the section below, otherwise skip ahead to the next section.

Describe the purpose of this program: The purpose of this program is threefold: to monitor the mosquitoes for diseases, to determine general population levels and to decide where we can better focus our larviciding and adulticiding efforts.

What months is this program active? May to September

Check off all trap types used this past season by your program:

Trap Type	Canopy? (check box for yes)	Number of traps (leave blank if zero)
ABC light trap	<input type="checkbox"/>	
ABC light trap w/CO ₂	<input checked="" type="checkbox"/>	10
CDC light trap	<input type="checkbox"/>	
CDC light trap w/CO ₂	<input checked="" type="checkbox"/>	10
Gravid trap	<input checked="" type="checkbox"/>	26

Landing rate test	<input type="checkbox"/>	
NJ light trap	<input checked="" type="checkbox"/>	28
NJ light trap w/CO ₂	<input type="checkbox"/>	
Ovitrap	<input checked="" type="checkbox"/>	18
Resting box	<input type="checkbox"/>	
Other (please describe):		
Other (please describe):		
Other (please describe):		

Do you maintain long-term trap sites in any of your areas? Yes or No: yes

If yes, how many: 28 NJ traps sites, 26 gravid trap sites, 24 CDC trap sites

Please check off the species of **concern** in your service area:

<input checked="" type="checkbox"/> <i>Ae. albopictus</i>	<input checked="" type="checkbox"/> <i>Cx. salinarius</i>	<input checked="" type="checkbox"/> <i>Oc. sollicitans</i>
<input checked="" type="checkbox"/> <i>Ae. cinereus</i>	<input checked="" type="checkbox"/> <i>Cs. melanura</i>	<input checked="" type="checkbox"/> <i>Oc. taeniorhynchus</i>
<input checked="" type="checkbox"/> <i>Ae. vexans</i>	<input type="checkbox"/> <i>Cs. morsitans</i>	<input checked="" type="checkbox"/> <i>Oc. triseriatus</i>
<input checked="" type="checkbox"/> <i>An. punctipennis</i>	<input checked="" type="checkbox"/> <i>Cx. restuans</i>	<input checked="" type="checkbox"/> <i>Oc. trivittatus</i>
<input checked="" type="checkbox"/> <i>An. quadrimaculatus</i>	<input checked="" type="checkbox"/> <i>Oc. abseerratus</i>	<input checked="" type="checkbox"/> <i>Ps. ferox</i>
<input checked="" type="checkbox"/> <i>Cq. perturbans</i>	<input checked="" type="checkbox"/> <i>Oc. canadensis</i>	<input type="checkbox"/> <i>Ur. sapphirina</i>
<input checked="" type="checkbox"/> <i>Cx. pipiens</i>	<input checked="" type="checkbox"/> <i>Oc. cantator</i>	<input type="checkbox"/> <i>Others:</i>
<input checked="" type="checkbox"/> <i>Cx. restuans</i>	<input checked="" type="checkbox"/> <i>Oc. j. japonicus</i>	

Do you participate in the **MDPH Arboviral Surveillance program**? (yes/no): yes

How many pools did you submit weekly on average? 34

Total number of adult mosquito pools submitted to DPH this past season: 542

Number of adult mosquito pools collected but not submitted to DPH ("Unsubmitted"): 62,715

Total number of adult mosquitoes submitted to DPH this past season: 19,277

ADULT MOSQUITO SURVEILLANCE

Number of adult mosquitoes collected this season but not submitted to DPH: 62,715

Number of Ovitrap collections this season, if any: 132

Any other trap collections of note (please describe):

Number of traps in your service area placed by **MDPH**: 7 locations

Were these long-term trap sites or supplemental trapping sites? Yes or No: yes both

Which arboviruses were found in your area during this past mosquito season?

Enter the number of positive pools and/or cases below:

Comments:

Arbovirus	+ Mosquito Pools	Equine Cases	Human Cases
<input checked="" type="checkbox"/> Eastern Equine Encephalitis (EEE)	11	0	0
<input checked="" type="checkbox"/> West Nile Virus (WNV)	51	0	0

<input checked="" type="checkbox"/> Other (please list): Jamestown Canyon Virus	0	0	0
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For each arbovirus listed below, please list number of municipalities at each risk level in your project area at both the start and peak of the season (say “all” if all municipalities are at same risk level):

Arbovirus	Start of Season	Peak of Season
EEE	Remote-Hull Low-All others	Remote-Hull Low - Cohasset, Duxbury, Hingham, Kingston, Marion Marshfield, Mattapoisett, Pembroke, Plymouth, Scituate, Wareham Moderate - Abington, Bridgewater, Brockton, Carver, East Bridgewater, Halifax, Hanover, Hanson, Lakeville, Middleborough, Norwell, Plympton, Rockland, West Bridgewater, Whitman
WNV	all low	all moderate

Comments:

LARVAL MOSQUITO CONTROL:

If you have a larval mosquito control program, please fill out the section below, otherwise skip ahead to the next section.

Describe the purpose of this program: The larval suppression program is one of our most effective methods to reduce the number of biting mosquitoes by preventing larvae from maturing into adults. The Project treats stagnant water with larvae by airplane, truck mounted sprayers, backpack blowers, and by hand. The Project larvicides over 14,000 acres and treats between 50 and 60 thousand catch basins per year.

What months is the program active? Spring ,Summer, and Early Fall

Describe the types of areas where you use this program: A variety of fresh water wetland, salt marshes, drainage basins, and stagnant water within the district.

Do you use:

- ☒ Aerial applications. Describe operations: Spring and Fall fixed wing applications. Granular and liquid larvicide
- ☒ Portable applications. Describe operations: Hand applied, Backpack, pump can
- ☒ Other (please list): A-1 Mist Blower, hydraulic sprayer, Argo mounted granular spreader

LARVAL MOSQUITO CONTROL

What is your trigger for larviciding operations? (check all that apply)

- ☒ Best professional judgment. Describe: Local knowledge of areas and conditions that are known to produce mosquito larvae.
- ☒ Historical records
- ☒ Larval dip counts – Describe trigger for application: Refer to GEIR Table 17
- ☐ Other (please describe):

Comments:

List all products that you use for larval mosquito control in the table below (leave blank if not applicable):

Product Name	EPA #	Application Rate(s)	Application Method	Target Life Stage	Habitat Type	Total Product Applied
Vectobac 12AS	73049-38	1 pint per acre	Aerial	Larvae	<input type="checkbox"/> Catch basins <input type="checkbox"/> Containers <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Other (please list):	1,530.63 gal.
Vectobac 12AS	73049-38	5oz per acre	Hydraulic Sprayer	Larvae	<input type="checkbox"/> Catch basins <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Other (please list):	18.94 gal.
Four Star 45 Day	83362-2	1 Briquette per 100 sq. feet surface area	Hand	Larvae	<input type="checkbox"/> Catch basins <input type="checkbox"/> Containers <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Other (please list):	2,631 Briquettes
Four Star 90 Day	83362-3	1 Briquette per 100 sq. feet surface area	Hand	Larvae	<input type="checkbox"/> Catch basins <input type="checkbox"/> Containers <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Other (please list):	1,513 Briquettes
Summit	6218-47	1 Briquette per 100 sq. feet surface area	Hand	Larvae	<input type="checkbox"/> Catch basins <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Other (please list):	713 Briquettes
VectoLex WSP	73049-20	1 pouch per basin	Hand	Larvae	<input checked="" type="checkbox"/> Catch basins <input type="checkbox"/> Containers <input type="checkbox"/> Wetland <input type="checkbox"/> Other (please list):	44,251 Pouches
VectoMax WSP	73049-429	1 pouch per basin	Hand	Larvae	<input checked="" type="checkbox"/> Catch basins <input type="checkbox"/> Containers <input type="checkbox"/> Wetland <input type="checkbox"/> Other (please list):	9,756 Pouches
BVA 2 Larvacide Oil	70589-1	1-5 Gallons per acre depending on vegetation	Wand Sprayer	Larvae/pupae	<input type="checkbox"/> Catch basins <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Other (please list):	38.37 gal
Vectolex WDG	73049-57	.5-1.5 lbs/acre	Hydraulic Sprayer	Larvae	<input type="checkbox"/> Catch basins <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Other (please list):	53.45 lbs.
Vectobac DT	73049-447	1 Tablet per 13.2 gallons	Hand	Larvae	<input type="checkbox"/> Catch basins <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Other (please list):	74 tablets

Vectobac G	73049-10	5-20 lbs. per acre	Backpack	Larvae	<input type="checkbox"/> Catch basins <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Other (please list):	45 lbs.
Vectolex FG	73049-20	5-20 lbs. per acre	Backpack	Larvae	<input type="checkbox"/> Catch basins <input checked="" type="checkbox"/> Containers <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Other (please list):	1,235.32 lbs.
Vectolex FG	73049-20	10 lbs. per acre	Aerial	Larvae	<input type="checkbox"/> Catch basins <input type="checkbox"/> Containers <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Other (please list):	440 lbs.
Fourstar CRG	85685-2	5-20 lbs. per acre	Backpack	Larvae	<input type="checkbox"/> Catch basins <input type="checkbox"/> Containers <input checked="" type="checkbox"/> Wetland <input type="checkbox"/> Other (please list):	137.5 lbs.

ADULT MOSQUITO CONTROL:

If you have an adult mosquito control program, please fill out the section below, otherwise skip ahead to the next section.

Describe the purpose of this program: The goal of our program is to reduce the number of biting mosquitoes to protect human health and improve the quality of life of our residents. The Project takes residential, business, and town requests for adulticiding with ULV truck mounted sprayers.

What is the time frame for this program? June to October (end date depends on virus activity and weather conditions).

Describe the types of areas where you use this program: Streets, Fields, Schools (per Children's Protection Act regs), yards, recreation areas.

Do you use:

- ☐ Aerial applications. Describe operations:
- ☐ Portable applications. Describe operations:
- ☒ Truck applications. Describe operation: Pro Mist Dura, Hydraulic Sprayer, A-1 Mist Blower
- ☐ Other (please list):

For each product used, please list the name, EPA #, and application rate(s):

Product Name	EPA #	Application Rate(s)	Application Method	Total product applied
DUET	1021-1795- 8329	.62 oz.per acre	ULV	278.42 gal
Zenivex E4 RTU	2724-807	.75-1 oz. per acre	ULV	356 gal
Suspend SC	432-763	.75 oz.per 1,000sq ft	Hydraulic sprayer	317 oz.

Please describe the maximum amounts or frequency used in a particular time frame such as season and areas:
Each resident household can request a maximum of 8 treatments per season.

What is your trigger for adulticiding operations? (check all that apply)

- ☒ Arbovirus data
- ☒ Best professional judgment
- ☒ Complaint calls. Describe trigger for application: 2 per geographical area
- ☐ Landing rates. Describe trigger for application:
- ☒ Light trap data. Describe trigger for application: 5 per night

Comments:

Please attach maps of your service areas (or a website link to that map):

<http://www.plymouthmosquito.org/service-area.html>

SOURCE REDUCTION

If you practice source reduction methods, such as tire removal, please fill out the sections below, otherwise skip ahead to the next section.

Tire Removal

Please describe your program: We inspect properties and offer advice to landowners regarding actions they can take to reduce the amount of mosquito production on their property. We currently run a tire removal program year round. This year we removed 1,111 tires for recycling. The total for this program is 19,315 tires.

What time frame during the year is this method employed? Throughout the year.

Comments:

Water Management/ Ditch Maintenance

If you have a water management or ditch maintenance program, please fill out the section below, otherwise skip ahead to the next section.

Please check all that apply:

- ☒ Inland/freshwater
☒ Saltmarsh

Please describe your program: The project's water management program is conducted pursuant of chapter 252 of the MA General Laws and is compliant with US Army Corps guidance. The goal of the program is to maintain existing drainage in order to reduce the amount of flooding and stagnant water in the district. This kind of work can reduce the amount of pesticide used and the number of mosquitoes in the area. We seek to use the least impactful methods to maintain these waterways. Techniques include site monitoring both before and after work, hand cleaning of ditches, or use of mechanized equipment.

For **inland/freshwater water management**, check off all that apply:

Maintenance Type	Estimate of cumulative length of culverts, ditches, swales, etc. maintained (ft)
<input type="checkbox"/> Culvert cleaning	
<input checked="" type="checkbox"/> Hand cleaning	93,316
<input checked="" type="checkbox"/> Mechanized cleaning	1,569
<input type="checkbox"/> Stream flow improvement	
<input type="checkbox"/> Other (Please List:)	

Comments:

Water Management/ Ditch Maintenance

For saltwater ditch maintenance, check off all that apply:

Maintenance Type	Estimate of cumulative length of ditches maintained (ft)
<input type="checkbox"/> Hand cleaning	
<input type="checkbox"/> Mechanized cleaning	
<input type="checkbox"/> Other (Please List:)	

Comments:

What time frame during the year is this method employed?

Please attach a map of ditch maintenance areas (or a website link to that map).

Open Marsh Water Management

If you have an Open Marsh Water Management program, please fill out the section below, otherwise skip ahead to the next section.

Describe the purpose of this program:

What months is this program active?

Please give an estimate of total square feet or acreage:

Please attach a map of OMWM areas (or a website link to that map).

MEASURES OF EFFACACY

Describe monitoring efficacy efforts for each of the following:

Aerial Larvicide – wetlands: Pre and Post applications
Ground ULV Adulticide: Trapping data and Service Requests
Larvicide – catch basins: prior to application
Larvicide-hand/small area prior to application
Open Marsh Water Management:
Source Reduction: Pre and Post
Other (please list):

Provide or list standard steps, criterion, or protocols regarding the documentation of efficacy (pre and post data), and resistance testing (if any):

Research Project	Details
Bottle assays	Cx. pipiens and Cx. restuans were sent to Cornell's Northeast Regional Center for Excellence in Vector-Borne Disease. Bottle assays were performed.
Efficacy testing	
Other: Methoprene	Culex mosquito larvae were also tested against methoprene at Cornell.
Other: Jamestown Canyon Virus	Mosquitoes were submitted to UMass for JCV testing.

EDUCATION, OUTREACH & PUBLIC RELATIONS

If you have an education/outreach program, please fill out the section below, otherwise skip ahead to the next section.

Describe the purpose of this program: The over-arching purpose of the program is to enhance public health and safety of the residents of Project communities as it applies to mosquitoes and mosquito viruses. The Project employs the methods checked below to reach individuals and groups of people of all ages in our member communities and to communicate the messages of the Massachusetts Department of Public Health, The Centers for Disease Control, the Environmental Protection Agency, and the American Mosquito Control Association.

What time frame during the year is this method employed? All year

Check off all education/outreach methods that were performed by your program this year:

☒ Development/distribution of brochures, handouts, etc.

☒ Door-to-door canvassing (door hangers, speaking to property owners, etc.)

☐ Facebook page, Twitter, or other social media

☒ Mailings (Describe target audience(s):)

☒ Media outreach (interviews for print or online media sources, press releases, etc.)
☒ Presentations at meetings
☒ School-based programs, science fairs, etc.

☒ Tabling at events (local events, annual meetings, etc.)
☒ Website
☒ Other (please describe): Youth Camp, Public Libraries, Town Recreation

Estimate the audience reached this year using the education/outreach methods above: In-person events- 1,000-2,000. Radio/TV/website/Facebook/Newspaper- 100,000+. There were 45 in-person educational presentations given this year.

List your program's top 3 education/outreach activities for this past year:

1. Presentations at events
2. In-person meetings with BOH's/COA's
3. Meeting with school/daycares and summer camps to update IPM plans

Were you involved in any collaborations with the following partners this year? Provide details below, including a list of technical reports, white/grey papers, journal publications, trade magazine articles, etc.:

- ☒ Academia
☒ Another mosquito control district/project
☒ Another state agency (DCR, DPH, etc.)
☒ Environmental groups
☒ Industry

Please list any certifications and degrees held by your staff: Ellen Bidlack: B.S. Wildlife Management, M.S. Entomology, Commercial Certification 47, Hoisting License 1c2a

-Ross Rossetti: B.S. Aviation Science, CORE Management Program, Commercial Pilots Cert for fixed wing/helicopter/UAV, Commercial Applicator Certification 47 and 34, Hoisting license 1c2a, Class A CDL

-Brain Callahan: Commercial Applicator Certification 47

-Christopher Hanna: Commercial Applicator Certification 47, 2a Hoisting License

-Matthew McPhee: B.A. Earth, Environment and Oceanic Sciences, Commercial Applicator Certification 47, 1c2a Hoisting License, Class A CDL-Russell Mazzilli: B.S. Criminal Justice, Commercial Applicator Certification 47, Class A CDL, Hoisting License 1c2a

-Stephanie Dugan: B.S. Environmental Biology, Commercial Applicator Certification 47, Hoisting License 1c2a

-Christopher Hoppie: Commercial Applicator Certification 47, Hoisting License 1c2a, Class A CDL,

-Mason Taft: Applicator License, Hoisting License 2a

-Kendric Stiles: Applicator License Hoisting License 1c2a

-Devin Campbell: Applicator License

-Owen Lydon: Applicator License

-Erin Morrill: Master of Public Administration Management

-Thomas Foley- B.S. Computer Science, Airline Transport License, Commercial Applicator Cert. 34.

List any training/education your staff received this year: Pesticide Applicators License Training, NMCA Annual Meeting, Hoisting License Continuing Ed., Mosquito Identification Training, NEAAA Convention, NMCA Field Day, Flight Training

INFORMATION TECHNOLOGY (IT)

Does your program use (check all that apply):

- ☒ Aerial Photography
- ☒ Databases
- ☐ Dataloggers (monitoring for temperature, etc.)
- ☒ GIS mapping (Describe:) ArcGIS and Fieldseeker
- ☒ GPS equipment
- ☒ Smartphones
- ☒ Tablets/Toughbook
- ☐ Other (please describe):

Describe any changes/enhancements in IT from the previous year: We continue to work with Frontier Precision to fine tune the Fieldseeker app for our mapping, data tracking, and service requests. We are now taking service requests online.

REVENUES & EXPENDITURES

Please enter your approved budgets for the previous, current, and future fiscal years.

	Date of Fiscal Year	Approved Budget
Previous	FY25	\$2,123,866.00
Current	FY26	\$2,261,915.59
Future	FY27	\$2,408,940.10 (proposed)

List each member municipality, along with the corresponding (cherry sheet) funding assessment dollar amount, for the current fiscal year (or provide a web link to this information):
<https://dls.gateway.dor.state.ma.us/reports/rdPage.aspx?rdReport=CherrySheets.CSbyProgMunis.MuniBudgFinal>

Comments:

SERVICE REQUESTS

How many service requests did you receive this season? 13,992

How many were for larviciding? 443

How many were for adulticiding? 13,549

Was this an increase or decrease over last season? decrease

Comments:

EXCLUSIONS

How many exclusion requests did you receive this season? 406

Was this an increase or decrease over last season? Yes or No: Decrease

Do you have large areas of pesticide exclusion, including priority habitat? Yes

Comments:

SPECIAL PROJECTS

Did your program perform any of the following special projects?

Project	Description
<input type="checkbox"/> Inspectional services (inspections at sewage treatment facilities, review of subdivision plans, etc.)	
<input checked="" type="checkbox"/> Work with DPW departments or other local or state officials to address stormwater systems, clogged culverts, or other areas identified as man-made mosquito problem areas.	DPW's contact us when they have blocked ditches in wetlands that could potentially cause a mosquito issue.
<input checked="" type="checkbox"/> Work with groups as described above on long-term solutions.	We will regularly check these ditches for ongoing maintenance.
<input checked="" type="checkbox"/> Conduct or participate in any cooperative research or restoration projects?	We continued our relationship with Cornell University. We sent them mosquitoes for pesticide resistance testing. Met with Mass Audubon and the Division of Ecological Restoration to discuss future cranberry bog restoration projects. Ongoing work with Mattapoissett Land Trust, Buzzards Bay Coalition, and other land conservation groups for salt marsh restoration.
<input checked="" type="checkbox"/> Participate in any state/regional/national workgroups or panels, or attend any meeting pertaining to the above?	Attended stakeholder meetings with Buzzards Bay Coalition. Participated in workgroups for Northeast Mass Mosquito Control Assoc. and NEWVEC
<input type="checkbox"/> Work on any biological control projects, such as enhancement of habitat for native predators, release of predatory fish or invertebrates, etc.?	
<input type="checkbox"/> Other	

GENERAL COMMENTS

Please add any comments here for topics not covered elsewhere in this report: