EIIS Incident Report
Part A: General Information

Incident ID

I026976-001

County:	Bristol	**Incident Date:**	**through**	**Year:**	
State:	MA	**Total Number:**	12	**Case #:**	
Country:	USA	**Total Magnitude:**		**Weather:**	

Incident Type

- ☐ Aqua. Animal
- ☐ Aqua. Plant
- ☑ Terr. Animal
- ☐ Terr. Plant
- ☐ Field Study

Created: ########

Updated: ########

Abstract:

Approximately a dozen bees were observed dying. It was believed to be caused by pesticides or some type of poison. The bees were collected and delivered to the Massachusetts Pesticide Analytical Lab (MPAL) on 23 July 2014. The results were positive for Methomyl (100 ppb) and no detection for cyhalothrin the active ingredients used by a local farmer. The MPAl believes that the reason for the no detect is because cyhalothrin was below the detection limit (53 ppb). Methomyl is believe was the cause of death. In an incident related to I026963-002, it was said the honey bees started dropping like flies. Plymouth county has also had dead bees.

Reports

Package #	Incident #	Source	Report Date
026976	001	Massachusetts Department of Agr. Resources	7/11/2014
027260	001	Massachusetts Department of Agr. Resources	12/3/2014

EIIS Incident Report
Part B: Pesticide Information

I026976-001

County: Bristol **State:** MA **Date:**

Pesticide: **Methomyl (090301)** **Type:** I

Use Site: Agricultural area

Product: Lannate LV **Appl. Method:** **Appl. Rate:**

Formulation: **Air/Ground:** **Legality:** Undetermined

Certainty: Probable

Highly toxic to honey bees.

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Part C: Species Information

I026976-001

County: Bristol **State:** MA **Date:**

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Species: **Honey bee**
Sci. Name: Apis millifera
Taxon: Insect
Age:

Response: Mortality
Magnitude: 12
Habitat:
Distance: Vicinity
Rt. of Exposure: N/R

Necropsy

Number:
Condition:

Cholinesterase

Number:
Activity: um/g/min
Percent of Normal

Tissue Residues

Sample Type	PC Code	Pesticide	N	Conc. (ppm)
Tissue	128867	Cyhalothrin	1	ND
Tissue	090301	Methomyl	1	100 ppb

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Part D: Environmental Measurements

County: State: Date:

Common Name PC Code Degredate

Concentrations in ppb	Min.	Max.	N	LOD
Water				
Soil				
Sediment				
Foliage				

Other Samples	Description	Concentration	N	LOD

Dissolved Oxygen (ppm) to pH to