

Pesticides Toxicity Control Requirements in the Municipal Regional Permit

**Vishakha Atre
EOA, Inc.**

**Landscape IPM Workshop
March 9, 2021**



Overview of Presentation

- Background - Stormwater and Pesticides
- Stormwater Regulations and the “Municipal Regional Permit (MRP)”
- Pesticide Control Requirements in the MRP

Stormwater Pollution

- Pollutants entering the storm drain system flow to local creeks and the Bay **with no treatment**
- Everyday activities can cause stormwater pollution



Municipal Regional Stormwater Permit (MRP)

- San Mateo agencies (permittees) are part of the MRP that covers four Bay Area counties
- Includes requirements for controlling urban runoff pollutants – litter, sediment, metals, pesticides, etc.
- Describes programs that permittees have to implement – inspections, public outreach, monitoring etc.
- The San Mateo Countywide Water Pollution Prevention Program (SMCWPPP) assists San Mateo County municipal Permittees to implement MRP requirements
 - www.FlowstoBay.org

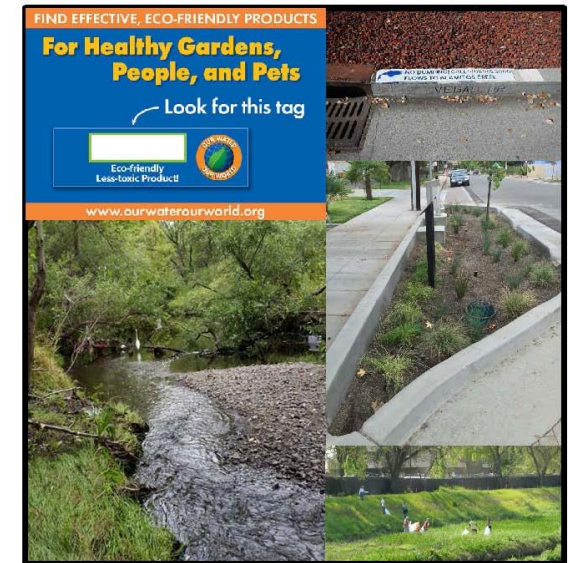


MRP Provision C.9

- Municipal agencies are required to implement a pesticides control program to help reduce pesticide discharges in stormwater runoff
- Implementation guidance is provided through the SMCWPPP Parks Maintenance and IPM Work Group
- Current MRP expired in December 2020
- Next MRP expected to go into effect on July 1, 2022

California Regional Water Quality Control Board
San Francisco Bay Region
Municipal Regional Stormwater NPDES Permit

Order No. R2-2015-0049
NPDES Permit No. CAS612008
November 19, 2015



MRP Provision C.9

Implement IPM Policy

Ensure IPM Policy and SOPs are being followed

Track and report pesticides of concern

Implement and report two IPM Strategies

Municipal Staff Training

Provide IPM training to staff that apply pesticides

Annually, report number of these staff trained

Municipal Contractors

Require contractors to implement IPM

Monitor contractor activities to ensure compliance

MRP Provision C.9

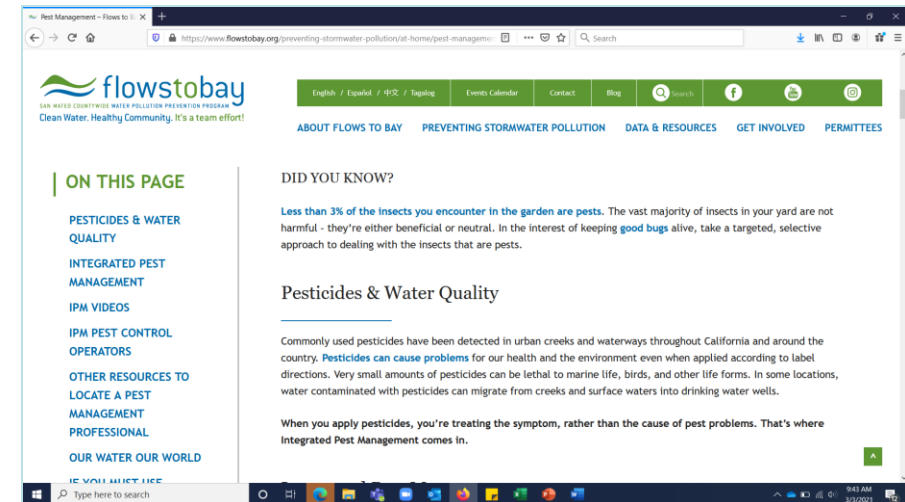
Coordinate with County Ag. Commissioners

Report violations of pesticide use regulations

Obtain input on urban pest management

Public Outreach

Conduct outreach to residents and pest control professionals



Pesticides of Concern

- Active ingredients listed in the MRP as pesticides of concern:
 - Diamides
 - Diuron
 - Indoxacarb
 - Fipronil and its degradates
 - Organophosphates
 - Pyrethroids
 - Carbamates

Potential Changes in MRP 3.0

- Addition of neonicotinoids (e.g., imidacloprid, acetamiprid, and dinotefuran) to the list of pesticides of concern
- Provide link to the IPM Policy and SOPs to Water Board staff

For more information...

www.FlowsToBay.org

Vishakha Atre

EOA, Inc.

408-720-8811 x3

vatre@eoainc.com