

RESOLUTION C-24- 11

A RESOLUTION OF THE CITY COUNCIL OF HALF MOON BAY
ADOPTING INTEGRATED PEST MANAGEMENT POLICY

WHEREAS, in furtherance of the National Pollutant Discharge Elimination System Permit process, San Mateo County and its incorporated cities have jointly developed a San Mateo Countywide Stormwater Pollution Prevention Program including a Model Integrated Pest Management Policy; and

WHEREAS, the City of Half Moon Bay wishes to adopt the San Mateo Countywide Stormwater Pollution Prevention Program Model Integrated Pest Management Policy to protect the health and safety of its employees and the general public, the environment and water quality, as well as provide sustainable solutions for pest control, through use of less toxic chemicals or other means, on properties owned or managed by the City to the maximum extent practicable.

NOW, THEREFORE, IT IS HEREBY DETERMINED AND RESOLVED, as follows:

The City Council of Half Moon Bay hereby adopts the Integrated Pest Management Policy and Standard Operating Procedures for its Implementation and pesticide use, attached hereto as an Exhibit

* * * * *

I, the undersigned, hereby certify that the forgoing Resolution was duly passed and adopted on the 17th day of May, 2011 by the City Council of Half Moon Bay by the following vote:

AYES, Councilmembers: Alifano, Fraser, Kowalczyk, Muller & Mayor Patridge

NOES, Councilmembers: _____

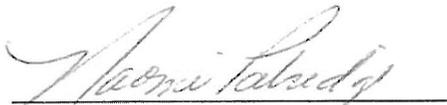
ABSTAIN, Councilmembers: _____

ABSENT, Councilmembers: _____

ATTEST:



Siobhan Smith, City Clerk



Naomi Patridge, Mayor



CITY OF HALF MOON BAY Administrative Policy

SUBJECT: Integrated Pest Management

BACKGROUND: In furtherance of the National Pollutant Discharge Elimination System (NPDES) permit process, San Mateo County, in conjunction with all incorporated cities in San Mateo County, prepared the San Mateo Countywide Stormwater Management Plan that includes a Pesticide Management Plan and performance standards for pesticide usage and integrated pest management. A component of these plans requires all member agencies to adopt an Integrated Pest Management policy and/or ordinance requiring integrated pest management techniques in municipal operations. The City of Half Moon Bay seeks to protect the health and safety of its employees and the general public, the environment and water quality, as well as provide sustainable solutions for pest control through the reduced use of pesticides on property owned or managed by the City to the maximum extent practicable.

POLICY: The City of Half Moon Bay has adopted an Updated Integrated Pest Management Policy as follows:

1. Employees implementing pest management operations will use Integrated Pest Management (IPM) techniques that emphasize non-pesticide alternatives and, when necessary, employ the least toxic chemicals. Preference will be given to contractors who implement IPM. City of Half Moon Bay departments and their contractors that apply pesticides will develop and maintain an active IPM Plan to ensure the long-term prevention and suppression of pest problems with minimum negative impacts on the health and safety of the community and environment. The City of Half Moon Bay will track employee and contractor pesticide use and prepare an annual report summarizing pesticide use and evaluating pest control activities performed.
2. The City of Half Moon Bay shall encourage pilot projects to demonstrate landscape and structural pest control alternatives, seeking to use the most recent technology, best management practices and least toxic methods for all pest control measures. Pilot projects should include an objective analysis of the effectiveness of the alternative techniques applied.
3. The City of Half Moon Bay will review its purchasing procedures, contracts or service agreements with pesticide applicators and employee training practices to determine what changes can be made to support the goal of pesticide reduction and promote the purchase and use of the least harmful chemicals.

4. The City of Half Moon Bay will perform educational outreach and/or support Countywide or regional efforts to educate residential and commercial pesticide users on a.) goals and techniques of IPM, and b.) pesticide related water quality issues.
5. Pesticides are defined as: any substance or mixture of substances intended for preventing, destroying, repelling, or mitigating any pest. Pests can be insects, rodents and other animals, unwanted plants (weeds), bacteria and fungi. The term pesticide applies to herbicides, fungicides, insecticides, rodenticides, molluscicides and other substances used to control pests. Antimicrobial agents are not included in the definition of pesticides. In general, the intent of antimicrobial agents is to reduce or mitigate the growth or development of microbial organisms. They are used to avoid health hazards and include indoor cleaning, spa and swimming pools, medical sterilizer and sanitizer products.
6. Integrated Pest Management (IPM) is an ecosystem-based strategy that focuses on long-term prevention of pests or their damage through a combination of techniques such as biological control, habitat manipulation, modification of cultural practices, and use of resistant varieties. Pesticides are used only after monitoring indicates they are needed according to established guidelines, and treatments are made with the goal of removing only the target organism. Pest control materials are selected and applied in a manner that minimizes risks to human health, to beneficial and non-target organisms, and the environment.

IMP techniques could include biological controls (e.g., ladybugs and other natural enemies or predators); physical or mechanical controls (e.g., hand labor or mowing); cultural controls (e.g., mulching, disking, or alternative plant type selection); and reduced risk chemical controls (e.g., soaps or oils).

7. City of Half Moon Bay owned or managed property includes but is not limited to parks and open space, roadsides, landscaped medians, flood control channels and other outdoor areas, as well as municipal buildings and grounds.

REFERENCES: San Francisco Bay Regional Water Quality Control Board NPDES Permit CAS0029921; Federal Clean Water Act and California Porter-Cologne Water Quality Control Act.

Submitted by:

Mo Sharma

Mo Sharma, City Engineer

Approved:

Laura Snideman

Laura Snideman, City Manager

Effective Date: February 1, 2011

Implementation Materials for MRP's Provision C.9.b

City of Half Moon Bay
**Standard Operating Procedures for Pesticide Use and Implementation
of Municipality's Integrated Pest Management Policy**

Purpose: To minimize the use and reliance on pesticides that threaten water quality by implementing the city's policy for integrated pest management (IPM) by all municipal employees and contractors hired to manage pests on municipal property.

Responsible Parties: All city personnel that as part of their municipal job duties are authorized to plan, manage, and control pests including pesticide applications and all city personnel that administer municipal contracts for applying pesticide on municipal property.

Contracts & Contractors: Contracts shall include a requirement that the contractor shall adhere to the city's IPM policy. This will be accomplished by using the following procedures:

1. Include a copy or link to the municipality's IPM policy in the contractor solicitation documents, e.g., Request for Proposal or Request for Quote, and make it clear that the pest control services being solicited must comply with the IPM policy.
2. Include a copy of the municipality's IPM policy in the contract's specifications.
3. Meet with the contractor to review the City's IPM policy.

Municipal Employees: Municipal employees who are authorized to manage pests are required to implement the city's IPM policy. This will be accomplished by using the following procedures:

1. Use cultural practices and pest prevention measures to minimize the occurrence of pest problems.
2. Set a threshold of tolerance for pests.
3. Use biological and physical controls that are environmentally appropriate and economically feasible to control pests.
4. Use chemical control as a last resort, and then the least toxic product will be used. Where feasible for structural pest control, insecticides will be applied as containerized baits.
5. Avoid the use of pesticides that threaten water quality¹ especially in formulations and situations that pose a risk of contaminating stormwater runoff.
6. Train employees on IPM techniques, pesticides-related stormwater pollution prevention methods, the municipality's IPM policy, and these standard operating procedures.
7. As part of the municipality's annual report for the municipal regional stormwater permit, report on the IPM policy's implementation by showing trends in the quantities and types of pesticides used and suggest reasons for any increases in uses of pesticides that threaten water quality¹ (as required by municipal regional stormwater permit Provision C.9.b.).

¹ The municipal regional stormwater permit identifies the following pesticides as having a concern to water quality: "organophosphorous pesticides (chlorpyrifos, diazinon, and malathion); pyrethroids (bifenthrin, cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyfluthrin, beta-cyfluthrin, cypermethrin, deltamethrin, esfenvalerate, lambda-cyhalothrin, permethrin, and tralomethrin); carbamates (e.g., carbaryl); and fipronil." (Provision C.9)