

# Draft Contents for an Integrated Pest Management Plan

## 1.0 Integrated Pest Management Policy (IPM)

The Integrated Pest Management (IPM) policy is intended to provide a basis for a pest management program that will protect public health, as well as water quality, and non-target plants and animals. The goal of the CITY's IPM policy is to utilize the most environmentally sound approaches to pest management, and to reduce the volume and toxicity of chemical pest control treatments. The proposed policies will be guided by the Phase II Municipal Separate Storm Sewer System (MS4) National Pollutant Discharge Elimination System (NPDES) Permit<sup>1</sup> (hereafter Phase II Permit), landscape design and maintenance programs.

### A. Policy

The CITY shall not use any pesticide containing a chemical identified by the State of California Prop 65 list on or in any city owned, operated or maintained property, building or facility except in accordance with the CITY's pest control management plan.

### B. IPM Goals

What are our Primary goals?

1. Use pesticides only when necessary and select a pesticide that is both effective and least toxic.
2. Designate playgrounds and picnic table areas on CITY property as pesticide-free. (25ft±)
3. Incorporating the following practices into the CITY's landscape maintenance and design program(s):
  - a) Evaluate pesticides, herbicides and fertilizers used and application activities performed and identify pollution prevention and pollution source control opportunities.
  - b) Collect and properly dispose of unused pesticides, herbicides, and fertilizers.
  - c) Use native and/or climate appropriate plants to reduce the amount of water, pesticides and fertilizers used;
  - d) Use decorative turf landscapes to reduce water use and the need for fertilizers;
  - e) Prevent application of pesticides and fertilizers during irrigation or within 48 hours of predicted rainfall with greater than 50% probability as predicted by National Oceanic and Atmospheric Administration (NOAA)
  - f) Limit or replace pesticide use with alternatives such as conducting manual weed and insect removal
  - g) Prevention of Surface Water Contamination by Pesticides Minimize irrigation run-off by using best management.
  - h) Manage mowing of grass to allow for greater pollutant removal, but not jeopardizing public safety.

## 2.0 Pest Control As-needed

CITY departments and offices requiring pest control on an as-needed basis are to Develop Best Management Practices (BMP), those practices may be in the form of fact sheets from CASQA or outlined directly within the plan.

### A. Guidelines for Pest Treatment

If it is determined that treatment is needed, a [criteria] shall be developed which may include the following strategies: Least-hazardous to human health; Least-toxic to non-target organisms; and/or Cost effectiveness in the short and long term.

### B. Guidelines for Pesticide Selection

#### 1. Pesticides Use on CITY Property

It is a goal of CITY to minimize the use of pesticides by giving preference to eco-exempt products and those approved by the Organic Materials Research Institute (OMRI) or by the National Organic Program for use in organic systems as available and effective.

#### 2. Chemical Prohibitions for the Pesticide List

Except when exempted for special use, pesticides included in the pesticide list shall not contain ingredients identified in the following sources:

- A. California's Proposition 65 list (the Safe Drinking Water and Toxic Enforcement Act of 1986, materials known to the State to cause cancer or reproductive or developmental toxicity).
- B. Organophosphates, or organochlorines, or carbamates listed by the United States Environmental Protection Agency (Office of Pesticides Programs, Document 735-F-99-14, May 1999), or California Environmental Protection Agency, Department of Pesticide Regulation Chemical Inquiries Database.

#### 3. Limited Use Exemptions

A CITY department may apply an emergency exemption to the pesticide prohibition in the event that an emergency pest outbreak poses an immediate threat to public health or significant economic damage will result from failure to use a pesticide prohibited pursuant to [Proposed] Section 6.11.020.

CITY departments responsible for performing pest management shall submit a request for an exemption to the Public Works Director or Designee to use a pesticide that is not on the pesticide list as per Sections B.1. The Director may approve a limited use exemption request if the material is being used in association with an active IPM program and the need to use the pesticide, such as public health or safety, or substantial economic detriment will result from failure to use a pesticide and other options contained in this plan have been investigated prior to a decision being made.

### 3.0 CONTRACTS, NOTIFICATION, AND RECORDKEEPING

A. Contracts

B. Notifications

C. Recordkeeping

### 4.0 Definitions

### 5.0 Appendix

A. Forms