

Integrated Pest Management (IPM) Standard Operating Procedures

The following procedure is to ensure consistent application of processes in support of the Mission of the City of Pinole. Employees will apply outlined procedures to appropriate situations and activities. Not all situations can be described in the following procedure. Employees must always use good judgment and seek guidance pertaining to the application of the procedure if there are any conflicts. This procedure is a living document intended to be updated to make it appropriate and relevant to the maintenance requirements relating to Integrated Pest Management. These procedures have been created to ensure the health and safety of City Staff, facility users and the public.

Background:

The City of Pinole Public Works Operation and Maintenance Division is responsible for Vegetation Management throughout the City of Pinole on all City properties and rights of way. The maintenance of the City areas include parks, facilities, roads, trails, parking lots and medians. The Public Works Operation and Maintenance Division performs most of the maintenance but also uses qualified contractors for some of the maintenance operations.

Maintenance Contracted:

The City contracts with Terminix Pest Control for the pest maintenance at the City facilities. Terminix provides pest control for the prevention of insects inside facilities.

The City contracts with Animal Damage Management for the control of gophers in the sports fields.

The City contracts with Pacific Landscape Services for maintenance of the general park areas, street medians, and public parking lots.

Method of maintenance:

The Public Works team uses several methods of maintenance to manage the vegetation throughout the City. The methods of maintenance are:

- Mechanical
- Chemical
- Biological

Mechanical:

For most of the maintenance throughout the City, the Public Works team uses mechanical methods of management for vegetation. The methods include but are not limited to: Weed trimming, mowing, brush cutting, and tree trimming with appropriate equipment.

Gopher control. The City of Pinole uses an EPA and Contra Costa County Agricultural Commissioner approved Burrow RX CO device in the control of gophers in sports fields.

Chemical:

The Public Works team uses a limited number of herbicides to control invasive and noxious weeds on City property and on City Rights of Way. The use of herbicides is limited and strategic to assist in the control and elimination of weeds and undesirable vegetation in the City maintained areas. Herbicides are to supplement the mechanical methods of control where the mechanical methods are not practical or efficient to control the weeds and undesirable vegetation. The Public Works team does not apply insecticides or rodenticides.

Animal Damage Management and Terminix Pest Control only use the pesticides necessary to control unwanted pests in targeted areas, i.e., Buildings and sports fields.

Biological:

The City has worked with community groups and installed raptor perches as a biological method of rodent control in Fernandez and Pinole Valley Parks.

Use of Herbicides

The Public Works team uses limited and specific herbicides for the control of invasive and noxious weeds and undesirable vegetation in City maintained areas. The use and quantity of these herbicides is inspected annually by the Contra Costa County Agricultural Commissioner. The herbicides the City uses are listed below.

Name	Main Chemical	Type	Target
Confront	Tryclopvr	Contact Selective	Broadleaf weeds
Cheetah Pro	Glufosinate	Contact Non-Selective	Grasses and Broadleaf weeds
Vastlan	Tryclopvr	Contact Selective	Broadleaf weeds
Round Up Pro	Glyphosate	Contact Non-Selective	Broadleaf weeds and Grasses
Ranger Pro	Glyphosate	Contact Non-Selective	Broadleaf weeds and Grasses
Dimension 2EW	Dithiopyr	Pre-emergent	Broadleaf weeds and Annual Grasses
Gallery SC	Isoxaben	Pre-emergent	Broadleaf Weeds and Annual Grasses

These herbicides have been selected because of their ability to be used in sensitive sites and their aquatic labels.

Training.

The City of Pinole Public Works Department conducts annual training in accordance with the requirements of the California Department of Pesticide Regulation and the Contra Costa County Agricultural Commissioner. This training is required for any City staff who handles, mixes, applies, or cleans equipment associated with the use and application of pesticides. Training records are retained in the Operation and Maintenance Manager's office in accordance with the requirements of the California Department of Pesticide Regulations and the Contra Costa County Agricultural Commissioner.

Record Retention.

All pesticide treatment conducted by City of Pinole staff is documented and retained in the Operation and Maintenance Manager's office. These records are retained in accordance with the requirements of the California Department of Pesticide Regulations and the Contra Costa County Agricultural Commissioner.

Trees:

The City is in the process of developing a Master Tree Plan that will guide Public Works in the management of the trees on City property and in City Right of Ways. Currently the Public Works team uses best management practices as recommended and outlined by the International Society of Arboriculture to maintain the City trees.

Parks, Trails, Open Space:

The City has developed a Park Master Plan that Public Works will use as a guideline for the further development of policies and procedures.

Continued Development:

As the City completes the Park and Tree Master plans, this Operating Procedure will be updated with the appropriate information to provide guidance to City staff for an enhanced and comprehensive Integrated Pest Management Plan.