



2020-2021

San Lorenzo Valley Water District
Integrated Pest Management Policy

1. Statement of Goals

It is the goal of the San Lorenzo Valley Water District to eliminate the use of pesticides on District property. In establishing this policy, the District's intention is to protect the San Lorenzo Valley Watershed, its residents and its staff. In accordance with the District's Watershed Management Plan and the District's 2019 resolution to ban glyphosate products, it is the District's objective that the quantity and the risk level of pesticides in situations where pesticides cannot be completely eliminated be reduced to the maximum degree possible.

- a) The District shall reduce its use of pesticides through the development and implementation of an Integrated Pest Management Policy.
- b) Take all reasonable measures to ensure pest control activities do not threaten environmental, wildlife, and human health;
- c) Expand our IPM and best management practices with the goal of eliminating the use of pesticides.
- d) Effective May 14, 2020, and except for pesticides granted an exemption pursuant to Section 2 below, the following pesticides shall not be applied to District property (including any easements, rentals, or leases) and shall be included in any future rental or lease agreements.
 - i) EPA Toxicity Category I (known to be carcinogenic) pesticides,
 - ii) Pesticides which contain chemicals identified by the State of California as known carcinogen (Category I) and probable carcinogen (Category II), or reproductive toxicity pursuant to the California Safe drinking water and Toxic Enforcement Act of 1986 (Proposition 65) or Pesticides classified as proven human carcinogens by the United States Environmental Protection Agency.
- e) When pesticides are used on District property, District departments will follow the Integrated Pest Management Guidelines established below.
- f) Contractors who utilize pesticides on District owned, occupied and managed property shall be required to adhere to the guidelines established by the District's IPM Policy.

2) List of Pesticides

- a) The IMP Coordinator will maintain a list of pesticides allowed for use as part of the District's IPM program. This list will be developed by the IPM coordinator in cooperation with departments and will be available for review and comment by the Environmental Committee and adopted by the Board of Directors on an annual basis. Any proposed changes to the List of Pesticides are to be reviewed by the Environmental Committee before it is submitted to the Board of Directors for consideration and approval.

3) Exemptions:

- a) Departments may apply for exemptions to the restrictions imposed by this policy by providing a written request to the Environmental Planner addressing the required exemption criteria. The Environmental Planner will review the request and prepare a staff report and recommendation for consideration by the Board of Directors. The Board will review the request and recommendation at a public meeting and will issue a decision. Exemption requests and their final dispositions will be reported to the Board of Directors.

b) Exemption criteria include the following:

- i) Documentation of attempts to find alternatives to the proposed pesticide usage
- ii) Identification of a specific legal, public health, or safety consideration
- iii) A specified time frame for the proposed exemption
- iv) A requirement for continued evaluation of alternatives during the exemption period.
- v) It is the intent of the Board that this policy be followed to the fullest extent possible. However, the policy is not intended to prohibit the application of any pesticides, which are required by state or federal law.
- vi) Pesticides used by the Santa Cruz District Mosquito Abatement District are exempt from restrictions imposed by this policy but shall be reviewed to ensure that every effort is being made to use the least toxic pesticides available for this purpose.

c) The following pesticides are exempt from restrictions imposed by this policy

- i) Antimicrobials used to protect public health and safety are exempt from prohibitions imposed by this policy. This exemption shall be reviewed annually, and departments using antimicrobials shall develop written protocols and criteria for the use of these agents

4) Evaluation

- a) The Environmental Planner in conjunction with District shall annually evaluate progress towards achieving the goals adopted by the Board.

5) Public Involvement

- a) The Environmental Planner will complete an annual review to present at an Environmental Committee meeting each May to review the District's IPM program and pesticide use.

6) Reports to Board of Directors

- a) The Environmental Planner will provide an annual report to the Board of Directors in May of each year.
 - b) The annual report will include the following:
 - i) Any recommended modifications to the Integrated Pest Management Policy
 - ii) Recommended exemptions to the Integrated Pest Management Policy
 - iii) Recommendations for increased staff and materials, if needed, to implement the Integrated Pest Management Policy
 - iv) A comparison of the types and amounts of pesticides used annually by District departments
 - v) A measure of progress towards achieving the goals established by the Board of Directors
- 7) Integrated Pest Management Guidelines for all pest problems on District property, District departments will utilize the following IPM guidelines:
- a) Perform thorough in-field assessments of each pest problem.
 - b) Use pest resistant plants and planting systems that minimize pest infestations.
 - c) Select corrective actions using the following criteria:
 - i) least disruptive of natural controls
 - ii) least hazardous to human health
 - iii) least toxic to non-target organisms
 - iv) least damaging to the general environment
 - v) most likely to manage the impact of the pest.
 - vi) easiest to carry out effectively
 - vii) most cost-effective in the short- and long-term
 - d) Modify pest ecosystems to reduce food and living space through physical and cultural practices and the use of biological pest controls.
 - e) Maintain an accurate record-keeping system to catalogue the following:
 - i) the identification of the pest
 - ii) the size or density of the pest infestation
 - iii) the geographic distribution of the pest problem
 - iv) complete information on how you treated the pest, including what, how much, where, when, who, cost, and any application difficulties
 - v) the effectiveness of treatment of solving the problem
 - vi) any observable side effects of the treatment on non-target organisms District Integrated Pest Management Policy
 - vii) any comments from residents
 - f) Recommended modifications to these guidelines may be submitted to the Board for consideration in the annual IPM reports.
- 8) Guidelines for Antimicrobial Usage
- The following guidelines will be used by all District departments except where more stringent federal or state requirements are mandated. Disinfectants will be used primarily in restrooms within

District facilities. Disinfectants may also be used in other locations where there is clear evidence that disinfectant is needed.

- a) Routinely disinfected
 - i) Toilets, including walls and tile within the stall and fixtures
 - ii) Urinals and surrounding walls and partitions
 - iii) Sinks, including fixtures, pipes, and surrounding walls
 - iv) All tiles in the restrooms and floors
 - v) Paper towel dispensers, garbage containers and other wall mounted fixtures

- b) Not routinely disinfected
 - i) Mirrors and windows
 - ii) Ceilings
 - iii) Doorknobs in locations other than restrooms

- c) Protocols
 - i) Follow the label (the label is the LAW)
 - ii) Wear Personal Protective Equipment (PPE) when required
 - iii) Accurately dilute product according to the label
 - iv) Allow product contact time as specified on the label

- d) Procedures
 - i) Spray all fixtures, including pipes and faucets with an approved detergent disinfectant mixed or diluted according to the label. Allow product contact time as specified on label (usually 10 minutes of contact time).
 - ii) Use a damp rag to thoroughly wipe fixtures and pipes or a clean cloth
 - iii) Always use PPE when handling chemicals or diluting (refer to label or MSDS)
 - iv) Always dilute product to proper ratios according to the label

9) Notification of Pesticide Use

District departments applying Toxicity Category II, or III (California Safe drinking water and Toxic Enforcement Act of 1986 (Proposition 65) or Pesticides classified as proven human carcinogens by the United States Environmental Protection Agency) pesticides shall comply with the following notification procedures:

- a) Signs shall be posted the day before the application of the pesticide and will remain posted at least four days after the application of the pesticide.
- b) Posting shall only be required in areas where the public can reasonably be expected to frequent and as near as possible to the site of the application.
- c) Signs shall be posted at every entry point where the pesticide is applied if it is applied in an enclosed area, and in highly visible locations around the perimeter of the area where the pesticide is applied if the pesticide is applied in an open area.
- d) Signs shall be of a design that is easily recognizable to the public and workers.

- e) Signs shall contain the name and active ingredient of the pesticide, the target pest, the date of pesticide use, the signal word indicating the toxicity category of the pesticide, the date for re-entry if required, and the name and contact number of the District department responsible for the application.
- f) District Departments shall not be required to post signs in right-of-way locations that the general public does not use for recreation purposes. District Departments using pesticidal baits shall not be required to post notification signs. However, each department using pesticidal baits shall post a permanent sign at the facility where the baits are used. The sign shall indicate the type of baits used in the area, the target pests, the area or areas where the baits are commonly placed, and the contact number of the department responsible for the bait application.
- g) Recommended modifications to these notification procedures may be submitted to the Board for consideration in the annual IPM reports.

10) Training

In addition to all training mandated by State and federal regulations, District departments will provide training in the following areas to staff who are responsible for applying pesticides or who supervise staff who apply pesticides:

- a) Principles of Integrated Pest Management
- b) Toxicology of commonly used pesticides
- c) General introduction to the evaluation of alternative strategic control options (i.e. Manual and mechanical removal, prescribed burns, biological, encouraging owl population, or etc).
- d) Monitoring protocols for different pest problems, including record keeping; and
- e) General introduction to identification of plant diseases and common pest problems procedures for developing site-specific IPM implementation plans.
- f) Recommended modifications to these training procedures may be submitted to the Board for consideration in the annual IPM reports.

- 11) Early Stage Design Consultation shall be consulted with the Environmental Planner when a department begins planning projects involving the installation of vegetation or other features that have pest management implications. The Environmental Planner shall analyze the proposed actions and make recommendations as needed for alternatives that would reduce the need for pesticides.