



**Long Beach Unified School District Integrated Pest Management Plan (IPM)**

**Contacts**

Long Beach Unified School District – Transportation Branch      2700 Pine Ave., Long Beach, CA 90806  
 School District Name      Address

Sue Perkins      562-426-6176      sperkins@lbschools.net  
 District IPM Coordinator      IPM Coordinator’s Phone Number      Email Address

**IPM Statement**

It is the goal of the Long Beach Unified School District to implement IPM by focusing on long-term prevention or suppression of pests through accurate pest identification, by frequent monitoring for pest presence, by applying appropriate action levels, and by making the habitat less conducive to pests using sanitation and mechanical and physical controls. Pesticides that are effective will be used in a manner that minimizes risks to people, property, and the environment, and only after other options have been shown ineffective.

**Pest management objectives**

Recognizing that the health and safety of students and staff is our first priority, our objective is to focus on long-term pest prevention in order to maintain a safe and productive learning environment for all. Pest management will be achieved by following integrated pest management procedures which call for the most appropriate and least-hazardous method of control. Effective sanitation shall be enforced and buildings regularly cleaned and repaired in order to prevent infestations, minimize the use of pesticides, and eliminate the need for routine applications.

**IPM Team**

<b>Name of Team Member</b>	<b>Title/Role in IPM Program</b>
Everardo Avila	Pest Control Technician
Frank Gutierrez	Principal Liaison/Director – Custodial Services
Joseph Facio	Manager - Grounds Services
Patrick O’Brien	Chemical Application Technician
Paul Bailey	Director – Transportation, Grounds Services
Ramon Gonzalez	Grounds Crew Supervisor
Raynaldo Herrera	Chemical Application Technician
Robert Maldonado	Grounds Crew Supervisor
Robert Vidal	Grounds Crew Supervisor
Rosendo Taleon	Chemical Application Technician
Sevilla De Guzman	Chemical Application Technician
Vince Marchetti	Director - Maintenance

**Pest Management Contracting**

✓	Pest management services are contracted to a licensed pest control business Pest Control Business Name: Animal Pest Management; Orkin
✓	Prior to entering into a contract, the school district has confirmed that the pest control business understand the training and requirement and other requirements of the Healthy Schools Act.

**Pest Identification, Monitoring, and Inspection**

- Pest identification is done by: LBUSD Pest Control, LB Health Dept., LA County Greater Vector Control, LA County Health Department, and Target Specialty Products.
- Monitoring and inspecting for pests and conditions that lead to problems are done regularly by: LBUSD Grounds Dept., Custodial Services, Maintenance, and Pest Control staff and results are communicated to the IPM Coordinator.
- Specific information about monitoring and inspecting for pests, such as locations, times, or techniques include:
  - Site reports area of concern via the work order system.
  - Area reported is inspected to determine the routes of entry and the threshold level of pests
  - Plan for taking care of the concern is developed
  - Grounds, custodial, and maintenance staff will begin exclusion activities and pest monitoring tools and apply non-toxic products if necessary

**Pests and Non-Chemical Management Practices**

This school district has identified the following pests and routinely uses the following non-chemical practices to prevent pests from reaching the action level.

Pest	Remove Food	Fix leaks	Seal cracks	Install barriers	Physical removal	Traps	Manage irrigation	Other
Roaches	✓	✓	✓	✓	✓	✓		Seal openings, cracks and crevices
Mice	✓	✓	✓	✓	✓	✓		Repair faulty plumbing. Seal electrical conduit and open outlets. Seal openings larger than ¼ inch.
Rats	✓	✓	✓	✓	✓	✓		Repair faulty plumbing. Seal electrical conduit and open outlets. Seal openings larger than ¼ inch.
Ants	✓	✓	✓	✓	✓		✓	Avoid excessively dry or soggy turf. Trim overgrown trees and shrubbery. Remove trees and shrubbery infested with pests.
Termite		✓		✓	✓		✓	Remove and replace any wood members infested with termites whenever possible and economically feasible.
Unwanted vegetation					✓		✓	Implement use of weed cloth and much where applicable

**Chemical Pest Management Practices**

If non-chemical methods are ineffective, the school district will consider pesticide use only after careful monitoring indicates that they are needed according to pre-established action levels and will use pesticides that pose the least possible hazard and are effective in a manner that minimizes risks to people, property, and the environment.

This school district expects the following pesticide (pesticide products and active ingredients) to be applied during the year. This list includes pesticides that will be applied by school district staff or licensed pest control businesses.

**Landscape**

Name of Pesticide (Common Name)	Active Ingredients	Safety Level
AquaCap	N-(1-ethylpropyl)-3, 4-dimethyl-2, 6-dinitrobenzenamine	Caution
Atrimmec	Dikegulac-sodium	Caution
Avenger AG	d-limonene	Caution
Drive XLR8	Dimethylamine salt of quinclorac: 3, 7-dichloro-8-quinolinecarboxylic acid	Caution
Fusilade II	Fluazifop-P-butyl, Butyl®-2[4-[[5-trifluoromethyl)-2-pyridinyl]oxy]phenoxy]propanoate	Caution
Lifeline Herbicide	Glufosinate-ammonium; (CAS NO. 77182-82-2)	Caution
Mosquito Dunks	Bacillus thuringiensis subspecies israelensis solids, spores and insecticidal toxins	Caution
Pro Spreader Activator	Alkyl phenol ethoxylate, isopropanol, and fatty acid	Caution
Roundup QuikPro	Glyphosate, N-(phosphonomethyl) glycine, in the form of ammonium salt; Diquat dibromide [6,7-dihydrodipyrido(1,2-a-2',1'c) prazinedium dibromide]	Caution
Roundup Pro Max	Glyphosate, N-(phosphonomethyl) glycine, in the form of ammonium salt	Caution
SedgeHammer	Halosulfuron-methyl	Caution
Sluggo	Iron Phosphate	Caution
SpeedZone Southern	2,4-D,2-ethylhexyl ester; Mecoprop-p acid; Dicamba acid; Carfentrazone-ethyl	Caution

**Structural**

Name of Pesticide (Common Name)	Active Ingredients	Safety Level
CB-80	Piperonyl Butoxide, Pyrethrins	Caution
CB Borid Turdo	Orthoboric Acid	Caution
D-Force HPX	Deltamethrin	Caution
Essentria IC-3	Rosemary Oil, Geraniol, Peppermint Oil	Caution
Fastrac All Weather Blox	Bromethalin	Caution
Fastrac Pellets	Bromethalin	Caution
Microcare	Piperonyl Butoxide, Pyrethrins	Caution
Mop Up	Disodium Octaborate Tetrahydrate	Caution
P.I.	Pyrethrins, a botanical insecticide, Piperonyl butoxide, technical	Caution
Suspend SC	Deltamethrin	Caution
Termidor Dry	Fipronil	Caution
Termidor SC	Fipronil	Caution
ULD BP-100	Pyrethrins, a botanical insecticide, Piperonyl butoxide, technical	Caution
VectorLex WSP	Bacillus sphaerica 2362	Caution
Wasp Freeze	d-trans Allethrin, Phenothrin	Caution

**Contractor**

Name of Pesticide (Common Name)	Active Ingredients	Safety Level
Avalon Mixed Grain Gopher Bait	Strychnine Alkaloid	Danger
Chloropicrin	Chloropicrin	Danger
Conrac All Weather Blox	Bromadiolone	Caution
Fumitoxin	Aluminum Phosphide	Danger
Master Fume	Sulfuryl Fluoride	Danger
Methyl Bromide	Methyl Bromide	Danger
Rodent Bait Diphacinone Treated Grain	Diphacinone 2-diphenylacetyl, 3-indandione	Caution
Vikane	Sulfuryl Fluoride	Danger
ZP Rodent Oat Bait AG	Zinc Phosphide	Caution
Zythor	Sulfuryl Fluoride	Danger

## Healthy Schools Act

✓	This school district complies with the notifications, posting, recordkeeping, and all other requirements of the Healthy Schools Act (Education Code Section 17608 – 17613, 48980.3; Food & Agricultural Code 13180 – 13188)
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## Training

School district employees who make pesticide applications annually receive the following training prior to pesticide use:

✓	Pesticide specific safety training (Title 3 California Code of Regulations 672.4)
✓	School IPM training course approved by the Department of Pesticide Regulation (Education Code Section 16714; Food & Agricultural Code Section 13189.5)

## Submittal of Pesticide Use Reports

✓	Reports of all pesticides applied by school district staff during the calendar year, except pesticides exempt* from HSA recordkeeping, are submitted to the Department of Pesticide Regulation at least annually, by January 30 of the following year, using the form provided at <a href="http://www.cdpr.ca.gov/schoolipm">www.cdpr.ca.gov/schoolipm</a> . (Education Code 16711)
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## Notifications

The school district has made this IPM plan publicly available by the following methods:

✓	This IPM can be found online at the following address: <a href="http://www.lbschools.net">www.lbschools.net</a> > A-Z Index > in the sections for Transportation, Grounds, Healthy Schools Act, Pest Management, and Integrated Pest Management.
✓	This IPM is sent out to all parents, guardians, and staff annually

## Review

✓	This IPM plan will be reviewed (and revised, if needed) at least annually to ensure that the information provided is still true and correct.
	Date of next review: May 2018

*I acknowledge that I have reviewed this school district's IPM Plan and it is true and correct.*

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**IPM Coordinator**

\* These pesticides are exempt from all Healthy Schools Act requirements, excepting training requirements: 1) product used in self-contained baits or traps; 2) gels or pastes used as crack and crevice treatments; 3) antimicrobials, and 4) pesticides exempt from U.S. EPA registration (Education Code Section 17610.5)