

School District Integrated Pest Management Plan

When completed, this template meets the Healthy Schools Act requirement for an integrated pest management (IPM) plan. An IPM plan is required if a school district uses pesticides¹.

Contacts

<u>Long Beach Unified School District</u>	<u>1515 Hughes Way, Long Beach, CA., 90810</u>	
School District Name	Address	
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District IPM Coordinator	IPM Coordinator's Phone Number	Email Address

IPM statement

It is the goal of 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.

Our pest management objectives are to: *(Example: Focus on long-term pest prevention)*

Achieve long term pest control and suppression of pests with thorough inspections and proper identification. Taking advantage of physical barriers and removal of food sources while maintaining nontoxic and low toxicity products as a first defense to minimize exposure to humans and the environment. Only using other products as a last resort. While keeping health and safety as a priority.

IPM team

In addition to the IPM Coordinator, other individuals who are involved in purchasing, making IPM decisions, applying pesticides, and complying with the Healthy Schools Act requirements, include:

Name and/or Title	Role in IPM program
Frank Gutierrez	Custodial Services - Principal Liaison
Paul Bailey	Director of Transportation/Grounds Services
Joseph Facio	Grounds Services Assistant Manager
Everardo Avila	Pest Control Technician

Pest management contracting

Pest management services are contracted to a licensed pest control business.

Pest Control Business name(s): Animal Pest Management Services, INC.

Prior to entering into a contract, the school district has confirmed that the pest control business understands the training 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 Co. Greater Vector Control, Target Specialty Products

(Example: College/University staff, Pest Control Business, etc.)

Monitoring and inspecting for pests and conditions that lead to pest problems are done regularly by Grounds Services Staff, Custodial Services Staff and Pest Control and results are communicated to the IPM Coordinator.

(Example: District staff title, e.g. Maintenance staff)

Specific information about monitoring and inspecting for pests, such as locations, times, or techniques include:

(Example: Sticky monitoring boards are placed in the kitchen and are checked weekly by custodial staff.)

Once a problem is reported by office and/or school staff, pest control is involved in order to inspect, identify and determine threshold level of the pest(s). Once a plan is developed then pest control, grounds and custodial services use monitoring tools and poison free 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	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Mice	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	seal openings larger than 1/4"
Rats	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	correct faulty plumbing and open electrical conduit as well as seal openings larger than 1/2"
Ants	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	avoid excessively dry or soggy turf conditions, trim overgrown trees and shrubbery as well as remove trees and shrubbery badly infested with scales, mealy bugs and other homoptera.
Termites	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	district will remove and replace any wood member infested with termites whenever possible and economically justified.
Landscape Weeds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Chemical pest management practices

If non-chemical methods are ineffective, the school district will consider pesticides 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 pesticides (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.):

See Attached List

Healthy Schools Act

- This school district complies with the notification, posting, recordkeeping, and all other requirements of the Healthy Schools Act. (Education Code Sections 17608 – 17613, 48980.3; Food & Agricultural Code Sections 13180 – 13188)

Training

Every year school district employees who make pesticide applications receive the following training prior to pesticide use:

- Pesticide specific safety training (Title 3 California Code of Regulations 6724)
- School IPM training course approved by the Department of Pesticide Regulation (Education Code Section 16714; Food & Agricultural Code Section 13186.5).

Submittal of pesticide use reports

- Reports of all pesticides applied by school district staff during the calendar year, except pesticides exempt¹ 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 www.cdpr.ca.gov/schoolipm. (Education Code Section 16711)

Notification

This school district has made this IPM plan publicly available by the following methods (check at least one):

- This IPM plan can be found online at the following web address: http://www.lbschools.net/Parent/pdf/guidelines_16-17
- This IPM plan 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: February 2017

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

Signature: 

Date: 4-6-16

¹ These pesticides are exempt from all Healthy Schools Act requirements, except the training requirement: 1) products 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)

Pesticide Management

To meet requirements of the Healthy Schools Act of 2000, the Long Beach Unified School District provides annual written notification to staff, parents, and guardians regarding the intended applications of pest management products. For the 2016-2017 school year, Long Beach Unified School District may apply the following pest management products as necessity dictates:

<u>Structural Product</u>	<u>Active Ingredient:</u>	<u>Signal Word</u>
CB-80	Pyrethrins, piperonyl butoxide, Ethane, 1,1-Difluoro-, C12-C15 Iso-Paraffinic hydrocarbon, and ethanol.	Caution
CB Borid Turbo	Orthoboric acid.	Caution
ContraC	Bromadiolone.	Caution
D-Force HPX	Deltamethrin, C8-C9 Isoparaffinic Hydrocarbons, carbon dioxide	Caution
Microcare	Pyrethrins, Piperonyl Butoxide, Technical, and N-Octyl Bicycloheptene Dicarboximide.	Caution
Mop Up	Sodium Octaborate Tetrahydrate.	Caution
Orange Guard	d-Limonene	Caution
Essentria IC-3	Rosemary oil, Geraniol, Peppermint oil	Caution
Suspend SC	Deltamethrin and inert ingredients.	Caution
Termidor SC	Fipronil: 5-amino-1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-4-((1R,S)-(trifluoromethyl)sulfinyl)-1-H-pyrazole-3-carbonitrile, and inert ingredients.	Caution
Uld Bp-100	Pyrethrins, Piperonyl Butoxide, technical, and N-Octyl bicycloheptene Dicarboximide, Petroleum distillate.	Caution
Wasp Freeze	d-trans Allethrin, 3-Phenoxbenzyl-(1RS,3RS; 1RS, 3SR) - 2,2-Dime-ethyl-3-(2-methylprop-1-enyl) cyclopropanecarboxylate, and inert ingredients.	Caution
P.I.	Pyrethrins, Piperonyl Butoxide, Technical	Caution
Termidor Dry	Fipronil: 5-amino-1-(2,6 dichloro-4-(trifluoromethyl) heny)-4-((1,R,S)-(trifluoromethyl)sulfinyl)-1-H-pyrazol-3-aronitril	Caution
VectoLex WSP	Bacillus sphaericus Sterotype H5a5b, Strain 2362 Technical Powder	Caution
FASTRAC Pellets	Bromethalin [N-Methyl-2,4-dinitro-N-2,4,6-tribromophenyl]-6-(trifluoromethyl) benzenamine] CAS No. 63333-35-7	Caution
FASTRAC All-Weather	Blox Bromethalin [N-Methyl-2,4-dinitro-N-2,4,6-tribromophenyl]-6-(trifluoromethyl) benzenamine] CAS No. 63333-35-7	Caution

<u>Baits and Gels</u>	<u>Active Ingredient:</u>	<u>Signal Word</u>
DuPont "Advion"	Indoxacarb, (S)-methyl 7-chloro-2,5-dihydro-2-[[[(methoxy-carbonyl)4-(trifluoromethoxy)phenyl]amino]-carbonyl]indeno[1,2e]1,3,4]oxadiazine-4a-(3H)-carboxylate	Caution
Cockroach Bait Arena	Dihydro-2-[[[(methoxy-carbonyl)4-(trifluoromethoxy)phenyl]amino]-carbonyl]indeno[1,2e]1,3,4]oxadiazine-4a-(3H)-carboxylate	Caution
Maxforce Bait Gel-Ants	Fipronil 0.0010	Caution
Maxforce Bait-Roach	Fipronil 0.0500	Caution
DuPont Advion	Ant Gel (S)- methyl 7-chloro-2,5-dihydro-2-[[[(methoxy-rbonyl)4-(trifluoromethoxy)phenyl]amino]-carbonyl]indeno[1,2e]1,3,4]oxadiazine-4a-(3H)-carboxylate	Caution
DuPont Advion	Ant Bait Arena (S)- methyl 7-chloro-2,5-dihydro-2-[[[(methoxy-rbonyl)4-(trifluoromethoxy)phenyl]amino]-carbonyl]indeno[1,2e]1,3,4]oxadiazine-4a-(3H)-carboxylate	Caution
Optigard Bait Gel-Ants	Thiamethoxam	Caution
Maxforce Bait-Ants	Fipronil 0.01	Caution
Maxforce Bait Gel-Roach	Hydramethyion: tetrahydro-5-5-dimethyl-2(1H)-Pyrimidione, (3-(4-(trifluoromethyl) Phenyl)-1-(2-(4-(trifluoromethyl) phenyl)-2-Propenylidene) hydrazono	Caution

<u>Grounds Services Products:</u>	<u>Active Ingredient:</u>	<u>Signal Word</u>
Atimec	Dikegulac-sodium (sodium salt of 2,3,4,6-bis-O-(1-methylethylidene)-a-L-xyllo-2-hexulofuranosonic acid)	Caution
Azatrol	Azadirachtin, other ingredients.	Caution
AquaCap	Pendimethalin, -(1-ethylpropyl)-3,4-dimethyl-2, 6-dinitrobenzenamine.	Caution

<u>Grounds Services</u>	<u>Product</u>	<u>Cont'd.</u>
Dimension 270-G	Dithiopyr, 3,5-pyridinedicarothioic acid, 2-(difluoromethyl)-4-(2-methylpropyl)-6-(trifluoromethyl)-S, S-dimethyl ester	Caution
Drive XLR8	Quinclorac: 3, 7 -dichloro-8-ayutikubecarboxylic acid	Caution
Envoy Plus	Clethodim, (E)-2-(((3-chloro-2-propenyl)oxy)imino) propyl-5-(2-(ethylthio)propyl)-3hydroxy-2-cyclohexen-1-one	Caution
Freehand	Diamethenamid-P: (S)-2-chloro-N- aution ((1-methyl-2-methoxy)ethyl)-N-(2,4-dimethyl-thien-3-yl)-acetamide	Caution
Fusilade II	Fluazifop-p-butyl, Technical and isomers.	Caution
Gallery	isoxaben: N-[3-(ethyl-1-methylpropyl)-5-isoxazolyl]-2, 6-dimethoxybenzamide, and isomers. acetic acid, butoxyethyl ester.	Caution
Garlon 4 Ultra	Triclopyr: 3,5,6-trichloro-2-pyridinyloxy-acetic acid, butoxyethyl ester	Caution
MSMA	carboxylic acid, monoethanolamine salt.	Caution
Merit	Monosodium acid Methaneuronate	Caution
Mosquito Dunks	Imidacloprid, 1-((6-chloro-3-pyridinyl)methyl)-N-nitro-2-imidazolidinimine.	Caution
Pointer	Bacillus thuringiensis	Caution
Pro Spreader Activator	4-dimethyl-2, 6-dinitrobenzenamine. imidacloprid 5%, Alcohol & Acrylic Acid	Caution
Roots 1-2-3	Nonylphenoxy polyethoxy etanols, isoropropanol and fatty acids.	Caution
Roundup Quick Pro	Nonylphenoxy poly ethanol, vitamins B1, C, and E, Manganese phosphate-citrate, zinc phosphate-citrate.	Caution
Round-up Pro Max	Glyphosate, N-(phosphonomethyl) glycine,	Caution
Sedgehammer	Glycine, in the form of its ammonium. Glyphosate, N-(phosphonomethyl) glycine	Caution
Stuggo	Halosulfuron-methyl, methyl 5-(((4,6 dimethoxy-2-pyrimidinyl)amino) carbonylaminosulfonyl)-3-chloro-1-methyl-1H-pyrazole-4-carboxylate.	Caution
Speedzone Southern	Iron phosphate.	Caution
Turf Supreme® 16-6-8	Carfentrazone-ethyl 2,4-D, 2-ethylhexyl Mecoprop-p acid, Dicamba acid	Caution
Plus Trimec®	Trimec (DMB #2 Turf Herbicide Dry Concentrate) 2,4-D Dichlorophenoxyacetic Acid (+)-(R)-2-(2methyl-4-chlorophenoxy) Propionic acid Dicamba (3,6-Dichloro-O-anisic acid)	Caution
Wilco Gopher Getter Type I	2-((p-chlorophenyl) phenylacetyl)-1,3-Indandione.	Caution

<u>Contractor Applied</u>	<u>Active Ingredients</u>	<u>Signal Word</u>
Wilco Gopher Bait Type II	Strychnine	Danger
Pellets, Bags	carbon dioxide.	
Strychnine Coated Grain	Strychnine	Danger
Avitrol	4-aminopyridine.	Caution
Methyl Bromide	Methyl bromide, Chloropicrin.	Danger
Chloropicrin	Chloropicrin.	Danger
Master Fume	Sulfuryl fluoride	Danger
Vikane	Sulfuryl fluoride and inert ingredients	Danger

Additional information about pest management products may be accessed on the California Department of Pesticide Regulation website at www.cdpr.ca.gov.

Most products used fall into the safest category, "caution". The Long Beach Unified School District does not use any pest management products with the signal word "danger" except in a very limited case. Pest management products are applied when children are not present or when the treatment area has been restricted from unauthorized entry.

To register with the school district to receive notification of pest management product applications, complete the form below and return it to school. Registrants will be notified of applications at least 72 hours in advance. Annual registration is required to remain on the notification list for each school year. For information, contact the Maintenance Branch at (562) 997-7510.

Date _____ School _____ Name of Student _____

Please register my name to receive notification of Long Beach Unified School District individual pest management applications in accordance with the Healthy Schools Act of 2000.

Name of Parent or Guardian _____ Telephone Number _____

Street Address _____ City _____ Zip Code _____

Signature _____