

WOODLAND JOINT UNIFIED SCHOOL DISTRICT

"Excellence for All"

Board of Trustees

Michael Pyeatt, President
Vacant Position, Vice President
Tania Tafoya, Clerk
Morgan Childers
Debbie Decker
Teresa Guerrero
Karen Rosenkilde-Bayne



District Website: www.wjUSD.org

Maintenance, Operations, & Facilities

Nick Baral, Director
910 College Street
Woodland, Ca 95695
Voice: (530) 406-5930 Fax: (530) 668-1839

Tom Pritchard, Superintendent

September 18th, 2018

Attention: WJUSD Parents, Students, and Staff
Subject: Integrated Pest Management

In July of this year, the M & O Department sent out a Request for Proposal (RFP) to potential contractors for the District's pest control services and support of the Integrated Pest Management (IPM) Plan. This RFP process resulted in the District's selection of Advanced IPM. In our opinion, Advanced IPM's experience with school districts; compliance with the Healthy Schools Act; and a proactive approach to pest and non-chemical management practices makes the company a collaborative partner for the District.

Advanced IPM plans to start with inspections of all school sites, which will help determine the specific needs as it relates to the following:

- Pest Control Treatments
- Interior/Exterior Cleaning
- Sealing Entry Points
- Trimming/Removing Vegetation

For your reference, we have attached the District's IPM Plan as well as the *Sample Scope of Services* provided by the Advanced IPM.

If you have any questions, please do not hesitate to contact me at (530) 406-5930.

WCGS comment: Skip to the last page to see Round-up still on the list of approved herbicides.

Sincerely,

Nick Baral
Director, Maintenance, Operations, & Facilities

Cc: File

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

Woodland Joint Unified School District 435 Sixth Street Woodland, Ca 95695
School District Name Address
Nicholas Baral (530)406-5930 nicholas.baral@wjusd.org
District IPM Coordinator IPM Coordinator's Phone Number Email Address

IPM statement

It is the goal of Woodland JUSD 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)*

To promote a healthy pest free, environment for all.

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
Adam Eckert	Service Supervisor, Advanced IPM
Zach Eskew	Service Technician, Advanced IPM
JD Astle	Back-up Service Technician, Advanced IPM
Dave Cordoza- Grounds Keeper	Evaluator, Qualified Applicator Certificate, WJUSD
Burke Collins- Grounds Keeper	Evaluator, Applicator
Tom Roach – Grounds Keeper	Evaluator, Applicator
Steve Slater – Utility Worker	Evaluator, Applicator
Jay Twilley- Grounds Keeper	Evaluator, Applicator
Matt Nofziger- Grounds Keeper	Evaluator, Applicator
Marc Vineyard- Grounds Keeper	Evaluator, Applicator
Alex Spence	Allied Weed Control, Solar Panels

Pest management contracting

- ☒ Pest management services are contracted to a licensed pest control business.
Pest Control Business name(s): Advanced IPM
- ☒ 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: Advanced IPM
(Example: College/University staff, Pest Control Business, etc.)

Monitoring and inspecting for pests and conditions that lead to pest problems are done regularly by Advanced IPM 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.)

Visual inspection for pests in typical locations, communicate with school site personnel of recent activity. Regular inspection of kitchens, food preparation and storage area. Identification of target pest before application to reduce pesticide exposure.

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
Ants	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Monitor Sanitation
Roaches	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Monitor Sanitation
Rodents	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Monitor Sanitation
Fleas	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Wasps	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Spiders	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Eliminate vegetation

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 documents

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 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 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.wjUSD.org>
- ☐ 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 new review: 06/30/2019

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

Signature: _____

Date: _____

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)

BAIT & GROWTH REGULATE

To kill roaches and disrupt their life cycle, use bait in combination with an insect growth regulator (IGR)

Advantages of Baits

Easy to Use

Pests are targeted directly

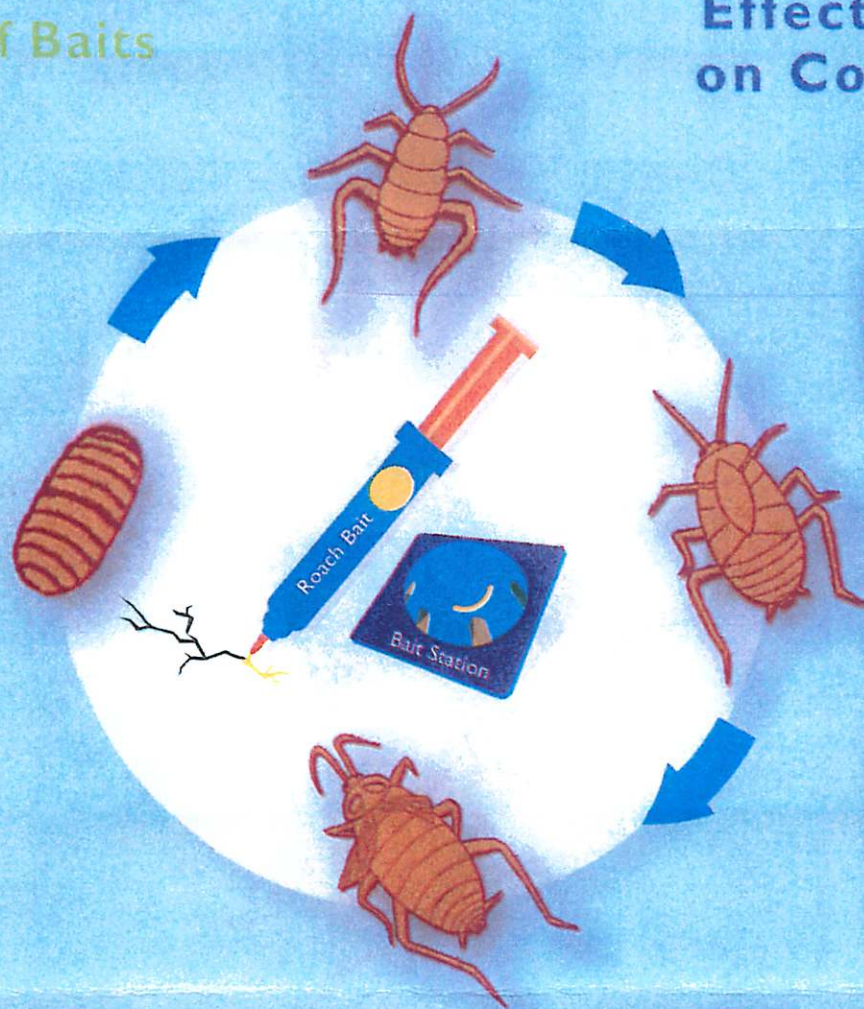
Low percentage of active ingredient

Effects of IGRs on Cockroaches

Eggs may not hatch

Juveniles may not mature

Adults may become sterile



For a detailed guide to cockroach management scan this QR code to visit the website for the University of California Statewide Integrated Pest Management Program



California
School & Child Care IPM

CEBE Y REGULE EL CRECIMIENTO

Para matar las cucarachas e interrumpir su ciclo de vida, use cebo en combinación con un regulador de crecimiento de insectos (IGR)

Ventajas de los Cebos

Fácil de Usar

Se dirige a la plaga directamente

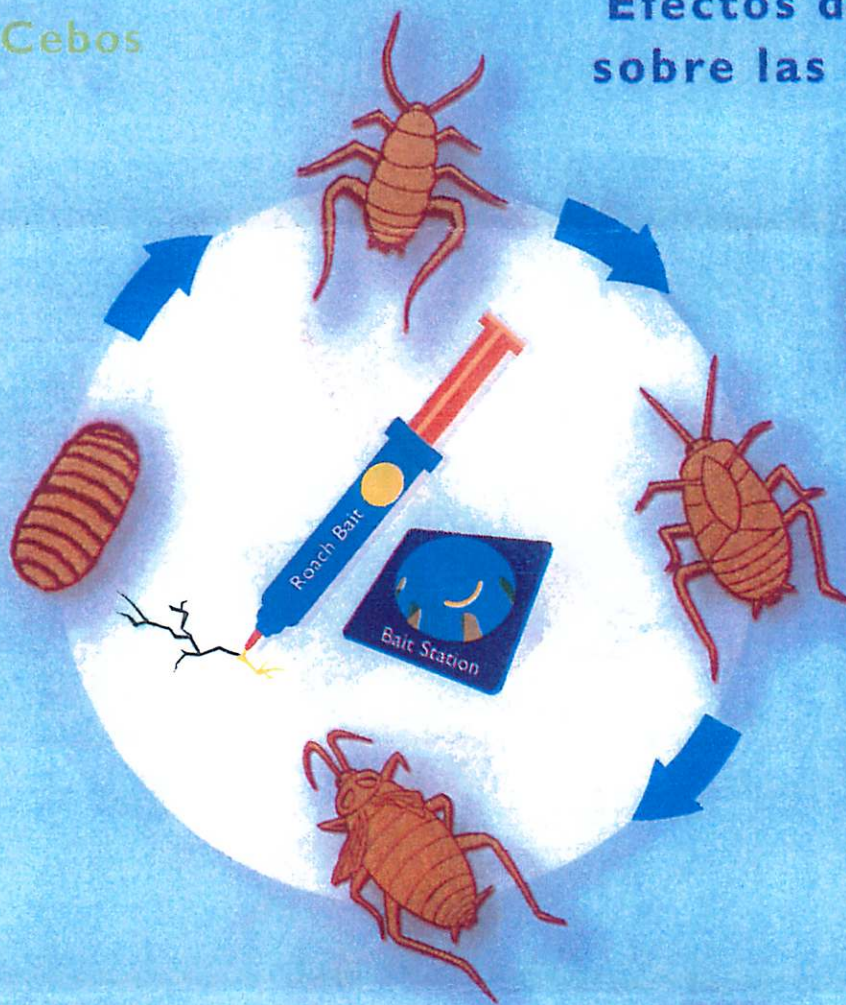
bajo porcentaje de ingrediente activo

Efectos de los IGRs sobre las Cucarachas

Huevos pueden no nacer

Juveniles pueden no madurar

Adultos pueden volverse estériles



Para obtener una guía detallada sobre el manejo de cucarachas, escanee este código QR para visitar la página de internet del Programa de Manejo Integrado de Plagas de la Universidad de California



California
School & Child Care IPM

SAMPLE SCOPE OF SERVICE: Rodent Control

1. Exterior service will be rendered monthly.
2. A visual inspection and evaluation will be performed on all buildings, and adjacent areas on a routine basis. Conditions that may result in pest activity will be documented and brought to the attention of our contact person.
3. Anchored tamper resistant secured bait stations containing Contrac Rodent Bait, will be placed on the exterior of the property at the roof and ground level to monitor and reduce rodent activity. Devices would be bar-coded and inspected monthly. Interior Aggressive Rodent Harvesting Program
Set-up trap lines utilizing various rodent trapping devices throughout heavily infested areas within facility. Taking a floor to ceiling approach. May require the use of ladder. Program will include 3 visits per week for 2 consecutive weeks. The schedule will be as follows:
Day 1 – Install and pre-bait all traps
Day 2 – Set all traps
Day 3 – Off-day to allow activity
Day 4 – Harvest all traps and remove all captures
Repeat process following week.
*note- raisins and WOWBUTTER (Peanut Free) will be used when performing interior baiting.
 - Interior non-toxic devices (Tin Cats)
 - Anchored, tamper-resistant bait station (with lock)

SAMPLE SCOPE OF SERVICE: Interior Cockroach Management Program

1. Interior Cockroach treatment consists of monitoring, inspection, sanitation, and baiting.
2. Glue board monitors will be placed strategically to monitor and track pest activity. Monitors will be checked monthly. All findings will be documented and will be reported to the site contact.
3. A service inspection will be performed monthly to identify conducive conditions that may contribute to pest activity. (Sanitation, structural deficiency, pest harborage areas, etc.) Conditions will be reported and documented as "open conditions".
4. Once open conditions are completed or "closed", we will monitor pest activity using non-toxic glue boards. In the event of pest activity should continue, we will continue, proceed to use tin cats with glue boards, gel baits, or material application as the final step of our IPM approach.

SAMPLE SCOPE OF SERVICE: Exterior Cockroach Management Program

1. Exterior service for Cockroaches will be rendered on an as needed basis.
2. Treatment will consist of baiting for American, Turkistan, and Oriental Cockroaches. An application of Mother Earth Granule will be used strategically in tall grass areas, irrigation boxes, and shrub/vegetation areas. (Mother Earth Granule will NOT be used on concrete and/or dirt surfaces.
3. Pest activity will be monitored each service visit. Pest activity will be reported to site contact. Reports and pest findings will be available in site log book and via customer online portal.

SAMPLE SCOPE OF SERVICE: Gopher & Ground Squirrel Control

1. Service will be rendered weekly for first two months, twice monthly for next two months, and monthly thereafter depending on the severity of the infestation. See costing breakdown for details. The Gopher X system is a green treatment method that pushes heated smoke and carbon monoxide through the rodents' tunnels and nesting areas reducing populations without the negative effects caused by other methods while meeting all HSA guidelines.
2. Initially all gopher mounds will be raked to a flat surface to allow for accuracy when monitoring and tracking new/current gopher activity.
3. Inspect each service visit for new mounds. Gophers can, and will, come in from other areas and new damage can occur in as little as a day. If your property borders other infested areas then you can expect gophers to reinvade regularly.
4. Treat all new tunnels each service visit and rake mounds after treatment to ensure activity accuracy.
5. If activity levels increase warranting service frequency adjustments Director of Facilities must approve cost prior to implementation at agree upon service rates.
6. Detailed service reports will be provided to your IPM Coordinator and are accessible through our online customer portal.



SCHOOL CHEMICAL LIST

The following is a list of products that **may** be used on your property by our company. If used you **must** notify any parent on the list and post the school.

Chemical Name	Active Ingredient	EPA #
Alpine Dust	Dinotefuran	499-527
Alpine WSG	Dinotefuran	499-561
Delta Dust	Deltamethrin	432-772
Gopher Getter	Diphacinone	36029-24
Suspend SC	Deltamethrin	432-736
Talstar Pro	Bifenthrin	279-3206
Taurus SC	Fipronil	53883-279
Tengard	Permethrin	70506-06
Tempo Ultra WP	Cyfluthrin	432-1304
Termidor	Fipronil	7969-210
Ultracide	Pyriproxyfen/Pyrethrins	499-404
Wasp Freeze	Allethrin/Phenothrin	499-362
Advion cockroach gel bait	Indoxacarb	352-652
Advion Ant gel bait	Indoxacarb	352-746
Bio Gel	Bacterial Suspension	NA
Contrac Rodent Bait	Bromadiolone	12455-79
Eco-Exempt (G) Clove Oil	Eugenol/Thyme oil	N/A
Essentria IC 3	Rosemary/Peppermint	N/A
Max Force Ant Bait Station	Fipronil	432-1256
Max Force Roach Bait Station	Hydramethylnon	432-1251
Mother Earth Granule Scatter Bait	Boric Acid	499-515
Niban-FG	Orthoboric Acid	64405-2
Nyguard	Pyridine	1021-1603



Maintenance, Operations & Facilities
910 College Street
Woodland, Ca 95695

The following products may be chosen for treatment of weeds on school facilities, in combination with any products on Allied Weed Control list:

Chemical Name	Active Ingredient	EPA#
GoalTender Herbicide	Oxyfluorfen	62719-447
Bayer Advanced Brush Killer plus Concentrate	Triclopyr, triethylamine salt	72155-19
Monterey Brush & Vine Control	Triclopyr, triethylamine salt	62719-226-54705
Poast Herbicide	Sethoxydim	7969-58



10218 Liberty Ave.
Livingston, CA 95334
(559) 294-1122

Woodland School District:

The following products may be chosen for treatment of weeds on your facilities for all solar systems:

Chemical Name	Active Ingredient	EPA #
Esplanade	Indaziflam	EPA Registration 432-1516
Alligare SFM 75	Sulfometuron methyl	EPA Registration 81927-26
Quali-Pro	Dithiopyr S,S-dimethyl ester	EPA Registration 66222-213
Payload	Flumioxazin	EPA Registration 59639-120
Milestone	Aminopyralid Triisopropanolamine Salt	EPA Registration 62719-519
Alligare Clopyralid 3	Clopyralid	EPA Registration 81927-14
Glyphosate 5.4 (Roundup)	Glyphosate	EPA Registration 81927-8
Cleantraxx	Oxyfluorfen	EPA Registration 62719-702
Si 100		CA Registration 1051811-50005

