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Pest Control

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ATTACHMENT NUMBER	ATTACHMENT TITLE
J-1503020-01	Definitions and Acronyms
J-1503020-02	New Pesticide Request and Planned Pesticide Use Sheet
J-1503020-03	References and Technical Documents
J-1503020-04	Guidance For Contractor's Work Plan (CWP)
J-1503020-05	Frequencies for Scheduled Work
J-1503020-06	Nuisance Pest Requirements
J-1503020-07	Public Health Pest Requirements
J-1503020-08	Structure Damaging Pest Requirements
J-1503020-09	Vegetation Management
J-1503020-10	Vertebrate Pest Requirements
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J-1503020-14	NAVFAC Online Pesticide Reporting System (NOPRS) Tutorial
J-1503020-15	Pesticide Reporting System

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Attachment J-1503020-01 Definitions and Acronyms	
DEFINITION/ACRONYM	DESCRIPTION
Arthropod	The group of animals that includes insects, spiders, ticks, mites, silverfish, and related organisms.
Callback	A request for additional service or retreatment following the initial service that has not provided the control required. Callbacks shall be provided at no additional cost to the Government.
Certified Applicator/ Operator	An individual who has completed an EPA approved training program that includes written examinations in core and specific application categories and is certified by the state, or host nation in which they are applying pesticides to do so without supervision.
Contractor's Work Plan (CWP) for Pest Control	A Contractor developed document submitted as part of the Contractor proposal that describes how the requirements of this contract will be met. The plan establishes the strategies and methods for conducting a safe, effective, and environmentally sound pest management program.
Disease Vector	Any animal capable of transmitting the causative agent of a human disease. It is recognized that certain disease vectors are predominately nuisance or economic pests that as conditions change may require management or control as a disease vector.
Insect Growth Regulator (IGR)	Chemical substance that disrupts the action of insect hormones controlling molting, maturity from pupal stage to adult, and other growth functions for the purpose of insect control.
Integrated Pest Management Coordinator (IPMC)	The individual, fully trained in IPM principles and practice, designated by the installation commanding officer (CO) to coordinate and oversee all pest management activities at the installation.
Integrated Pest Management Plan (IPMP)	A required, written long-range, comprehensive planning and operational document that establishes the strategy and methods for conducting a safe, effective, and environmentally sound IPM program. IPM plans are a means of establishing and implementing installation pest management programs and function as the tool used to ensure compliance with applicable pest management laws and regulations.
Integrated Pest Management (IPM)	A planned program incorporating education, continuous surveillance, record keeping, and communication to prevent pests and disease vectors from causing unacceptable damage to operations, people, property, materiel, or the environment. IPM uses targeted, sustainable (effective, economical, environmentally sound) methods including habitat modification, biological, genetic, cultural, mechanical, physical, and regulatory controls; and when necessary, the judicious use of least hazardous pesticides.
Safety Data Sheet (SDS)	A document (Occupational Safety and Health Administration (OSHA) Form 174, or equivalent) that accompanies a pesticide product, providing the handler with chemical information on ingredients, handling instructions, potential hazards, and manufacturer address and emergency contact information.
Medically Important Pest	Any animal capable of transmitting the causative agent of a human disease serving as an intermediate or reservoir host of a pathogenic organism producing human discomfort or injury, including (but not limited to) mosquitoes, flies, other insects, ticks, mites, snails, and rodents.
Mission Impact Pest	Pests that may adversely affect the DoD mission or military operations; the health and well-being of people; or structures, material, or property.
Nuisance Pests	Arthropods, and other organisms, that do not cause economic damage or adversely affect human health, but which on occasion do cause annoyance.
Pest Management Performance Assessment Representative (PMPAR)	A DoD employee trained in pest management, who protects the government's interest through on-site performance assessment (PA) of commercial pest management contracts or other contracts that involve the use of pesticides.

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Attachment J-1503020-01 Definitions and Acronyms	
DEFINITION/ACRONYM	DESCRIPTION
Pest Management	The prevention and control of disease vectors and pests that may adversely affect the DoD mission or military operations; the health and well-being of people; or structures, material, or property.
Pest Management Consultant (PMC)	A professional, with a degree in a biological science, who has rigorous college-level entomology training, such as a NAVFAC civilian entomologist (applied biologist) or Bureau of Medicine and Surgery (BUMED) commissioned medical entomologist who has command program oversight responsibilities and provides guidance and information on the management of pest management programs for commands and installations.
Pesticide	Any substance or mixture of substances, including biological control agents, registered by EPA under FIFRA intended to destroy, repel, or mitigate pests. Includes insecticides, rodenticides, herbicides, fungicides, plant regulators, defoliants, desiccants, disinfectants, anti-fouling paints, and biocides (such as water treatment chemicals). NAVFAC pest management consultants do not approve disinfectants or biocides.
Pesticide Facility	The building and areas designated for handling, storing, and mixing of pesticides.
Pests	Any organism (except for micro-organisms that cause human or animal diseases) that adversely affects operations, preparedness, the well-being of humans or animals, real property, materiel, equipment or vegetation, or is otherwise undesirable.
Registered Pesticide	A pesticide registered by EPA for sale and use within the United States.
Road Mile/Kilometer	A unit of measure for measuring fogging application for adult mosquito control using a vehicle mounted Ultra Low Volume (ULV) aerosol generator traveling along a given route for a distance of 5,280 feet/1,000 meters.
Surveillance	Thorough inspections or surveys conducted before or after pest management treatments or on a regular basis to determine the presence and prevalence of pests or disease vectors.
Time Period to Maintain Control	A frequency specified on each Pest Group Sheet that is the minimum time the Contractor shall maintain control of pest(s) after reaching the specified level of control.
Time Period to Obtain Control	A frequency specified on each Pest Group Sheet that is the maximum time allotted for the Contractor to obtain control of pest(s) per the specified level of control.
Time Period to Respond	A frequency specified on each Pest Group Sheet that is the maximum time the Contractor is permitted to respond to a trouble call.

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Attachment J-1503020-02  
New Pesticide Request

**New Pesticide Request**

Please enter the pesticide you would like added to the approved pesticide list.

Pesticide Trade Name

Formulation

Pesticide Active Ingredient

Active Ingredient

Concentration

☐ Check here if the pesticide comes in packets/ stations/  
briquets/ other, enter the Weight per Unit in the third column:

EPA Registration # or Other #

If the pesticide is classified as a 25b pesticide, enter "25 (b) exempt" as the  
EPA Number.

Pesticide Type

Signal Word

Restricted Use

☐

Comments



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Planned Pesticide Use (PPU) Sheet

1. Activity Name (UIC):

2. Objective

A. Target Pest:

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Agricultural Insects            | <input type="checkbox"/> Filter and Drain Flies       | <input type="checkbox"/> Mosquitoes - Adult         |
| <input type="checkbox"/> Algae and Aquatic Weeds         | <input type="checkbox"/> Fire Ants                    | <input type="checkbox"/> Mosquitoes - Larval/pupal  |
| <input type="checkbox"/> All Pests (Surveillance only)   | <input type="checkbox"/> Fish                         | <input type="checkbox"/> Nematodes                  |
| <input type="checkbox"/> Ants, nuisance                  | <input type="checkbox"/> Fleas                        | <input type="checkbox"/> Opossums                   |
| <input type="checkbox"/> Aphids                          | <input type="checkbox"/> Fox                          | <input type="checkbox"/> Other Pests                |
| <input type="checkbox"/> Bats                            | <input type="checkbox"/> Fruit Flies                  | <input type="checkbox"/> Phragmites                 |
| <input type="checkbox"/> Bed Bugs                        | <input type="checkbox"/> Gophers                      | <input type="checkbox"/> Pillbugs and Sowbugs       |
| <input type="checkbox"/> Bees                            | <input type="checkbox"/> Grasses                      | <input type="checkbox"/> Raccoons                   |
| <input type="checkbox"/> Birds                           | <input type="checkbox"/> Ground Beetles               | <input type="checkbox"/> Rats                       |
| <input type="checkbox"/> Broad-leaved Weeds              | <input type="checkbox"/> Ground Squirrels             | <input type="checkbox"/> Scale Insects              |
| <input type="checkbox"/> Brush                           | <input type="checkbox"/> Groundhogs                   | <input type="checkbox"/> Scorpions                  |
| <input type="checkbox"/> Carpenter Ants                  | <input type="checkbox"/> Gypsy Moths                  | <input type="checkbox"/> Silverfish                 |
| <input type="checkbox"/> Carpenter Bees                  | <input type="checkbox"/> Horse and Deer Flies         | <input type="checkbox"/> Snakes                     |
| <input type="checkbox"/> Caterpillars                    | <input type="checkbox"/> House and Filth Flies        | <input type="checkbox"/> Spiders                    |
| <input type="checkbox"/> Cats                            | <input type="checkbox"/> Japanese Beetles             | <input type="checkbox"/> Squirrels                  |
| <input type="checkbox"/> Centipedes and Millipedes       | <input type="checkbox"/> Lice                         | <input type="checkbox"/> Stored Product Pests       |
| <input type="checkbox"/> Cockroaches                     | <input type="checkbox"/> Lizards                      | <input type="checkbox"/> Subterranean Termites      |
| <input type="checkbox"/> Crickets                        | <input type="checkbox"/> Mice                         | <input type="checkbox"/> Ticks, Chiggers and Mites  |
| <input type="checkbox"/> Darkling Beetles                | <input type="checkbox"/> Midges, Sand and Black Flies | <input type="checkbox"/> Turf/Ornamental Insects    |
| <input type="checkbox"/> Decay Fungi                     | <input type="checkbox"/> Mites                        | <input type="checkbox"/> Vertebrates, miscellaneous |
| <input type="checkbox"/> Disease of Ornamentals and Turf | <input type="checkbox"/> Mixed Grasses and Weeds      | <input type="checkbox"/> Wasps and Hornets          |
| <input type="checkbox"/> Dogs                            | <input type="checkbox"/> Mole Crickets                | <input type="checkbox"/> Wood Boring Beetles        |
| <input type="checkbox"/> Drywood Termites                | <input type="checkbox"/> Moles                        | <input type="checkbox"/> Woody Vegetation           |
| <input type="checkbox"/> Earwigs                         | <input type="checkbox"/> Mosquitoes                   |   |

B. Purpose:

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> AGRICULTURE          | <input type="checkbox"/> INVASIVE SPECIES CONTROL | <input type="checkbox"/> PREVENT STRUCTURAL DAMAGE |
| <input type="checkbox"/> APPEARANCE           | <input type="checkbox"/> LAWN/TURF DAMAGE         | <input type="checkbox"/> PROTECT ORNAMENTAL PLANTS |
| <input type="checkbox"/> APPEARANCE/DRAINAGE  | <input type="checkbox"/> LAWN/TURF PESTS          | <input type="checkbox"/> SECURITY                  |
| <input type="checkbox"/> BARE GROUND          | <input type="checkbox"/> LAWN/TURF PROTECTION     | <input type="checkbox"/> STING PREVENTION          |
| <input type="checkbox"/> BARE GROUND/SECURITY | <input type="checkbox"/> MAINTENANCE              | <input type="checkbox"/> SURVEILLANCE              |
| <input type="checkbox"/> DECREASE MOWING      | <input type="checkbox"/> NUISANCE                 | <input type="checkbox"/> WEED CONTROL              |
| <input type="checkbox"/> DRAINAGE             | <input type="checkbox"/> NUISANCE/HEALTH          | <input type="checkbox"/> WILD LIFE MANAGEMENT      |
| <input type="checkbox"/> HEALTH PROTECTION    |   |  |

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3. Pesticide	
A. <u>Trade Name:</u>	<input type="text"/>
B. <u>Common Name:</u>	<input type="text"/> (Optional)
C. <u>EPA Reg. No.:</u>	<input type="text"/>
D. <u>Formulation:</u>	<input type="text"/>
E. <u>Applicator:</u>	<input type="text"/> (Optional)
4. Application	
A. <u>Site:</u>	<input type="text"/>
5. <u>Sensitive Areas:</u>	
<input type="checkbox"/> NA	<input type="checkbox"/> Endangered species habitat
<input type="checkbox"/> Agricultural crops	<input type="checkbox"/> Food service areas
<input type="checkbox"/> Aquatic	<input type="checkbox"/> Hospital/Clinic
<input type="checkbox"/> Bee hives	<input type="checkbox"/> Wetlands
<input type="checkbox"/> CDC/Schools	<input type="checkbox"/> Other
<input type="checkbox"/> Critical habitat	
6. Remarks	
<input type="text"/>	
<input type="button" value="Submit"/>	

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Attachment J-1503020-03  
References and Technical Documents

The Contractor shall adhere to the applicable portions of the current edition of the following publications and directives in performing the services required under this contract:

- Armed Forces Pest Management Board TG No. 11, Hydrogen Phosphide Fumigation of Subsistence with Aluminum Phosphide
- Armed Forces Pest Management Board TG No. 14, Protective Equipment for Pest Control Personnel
- Armed Forces Pest Management Board TG No. 15, Pesticide Spill Prevention and Management
- Armed Forces Pest Management Board TG No. 27, Stored-Product Pest Monitoring Methods
- Armed Forces Pest Management Board TG No. 29, Integrated Pest Management In and Around Buildings
- Armed Forces Pest Management Board TG No. 37, Guidelines for Reducing Feral/Stray Cat Populations on Military Installations in the United States
- Department of Defense Directive 4150.07, Department of Defense Pest Management Program
- Executive Order 12088, Prevention, Control, and Abatement of Environmental Pollution at Federal Installations
- Federal Aviation Regulation, Part 137, Agricultural Aircraft Operations
- OPNAV Instruction 6250.4C, Navy Pest Management Programs
- OPNAVINST 5090.1, Environmental Readiness Program Manual, Chapter 24: Pesticide Compliance Ashore
- 42 U.S.C. 4321 et seq., National Environmental Policy Act (NEPA)
- 7 U.S.C. 136 et seq., Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as amended
- 16 U.S.C. 1531 et seq., Endangered Species Act
- 42 U.S.C. 6901 et seq., Resource Conservation and Recovery Act (RCRA)
- US Air Force Model Pesticide Reduction Plan (July 1996)

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Attachment J-1503020-04  
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Guidance for Contractor's Work Plan (CWP)

The CWP shall adhere to applicable publications and directives contained in **J-1503020-03** (References and Technical Documents. The CWP will require approval by the Contracting Officer (KO). The CWP shall establish the strategy and methods for conducting a safe, effective, and environmentally sound pest management program in compliance with these specifications. Prospective contractors may review the installation's historical records of pest activity and abatement actions, survey facilities and grounds, and consult with the Installation IPMC in development of a plan. The CWP shall address continuous monitoring, pest response and removal procedures, record keeping, warranties, education and communication to installation personnel to prevent pests and disease vectors, bird control on applicable airfields and in hangars, etc. The IPM approach should use targeted (i.e., effective, environmentally sound) methods including habitat/facility modification, biological/genetic/cultural control, mechanical/physical control, and where necessary, the judicious use of least hazardous pesticides. The CWP shall include labels, SDS sheets, and Planned Pesticide Use Sheets and comply with all applicable local, state, and Federal regulations, and the IPMP.

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Attachment J-1503020-05  
Frequencies for Scheduled Work

Refer to a separate Excel spreadsheet for inventory.

**SAMPLE**

The following buildings will be surveyed on the specified frequencies and treated as indicated on the pest group sheets:			
Facility No.	Area (SF)	Facility Description	Frequency
568	5,254	Food Storage Warehouse #1	Weekly
63	1,500	Galley	Bi-Weekly (2 times per month)
412	1,245	Globe and Anchor Bar	"
1901	400	CDC Kitchen	"
82	225	Kin g Pin Snack Bar	"
344	100	Barracks Kitchen	Monthly
90	2,228	Commissary	"
344	4,000	Barracks	Quarterly

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Attachment J-1503020-06  
Nuisance Pest Requirements

<b>Pest Group Number</b>	<b>Pest Group Name</b>	<b>General Requirements</b>
001	Ant Control	Prevent and control ants in and around buildings and structures.
002	Arthropod Control in Food Handling Establishments	Prevent/control all arthropod pests in food handling establishments. Arthropod pests include, but are not limited to, cockroaches, ants (excludes fire ants which are covered under a separate pest group), silverfish, centipedes, ground beetles, fleas, spiders, stored product pests, etc.
003	Cockroach Control	Prevent and control all cockroaches.
004	Flea Control in and Around Buildings and Structures	Control flea infestations in and around buildings and structures.
005	Miscellaneous Arthropod Pest Control	Prevent and control nuisance arthropod pests in and around buildings and structures. Includes but is not limited to spiders, silverfish, scorpions, crickets, centipedes, millipedes, box elder bugs, parasitic or biting mites, beetles, etc. (Excludes ants, cockroaches, filth flies, and bees/wasps/hornets covered in separate sections.)
006	Stored Product Pest Control (Arthropods)	Control and prevent stored product pests at designated sites.

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Attachment J-1503020-06 Nuisance Pest Requirements						
Performance Standards						
Pest Group Number	Pest Group Name	Time Period to Respond <sup>1</sup>	Time Period to Obtain Control <sup>2</sup>	Time Period to Maintain Control	Level of Control <sup>3</sup>	Notes See Below
001	Ant Control	10 days	30 days	365 days	100% control	1, 2, 3, 4
002	Arthropod Control in Food Handling Establishments	24 hrs	7 days	28 days	Retreatment required if: -Cockroaches: 4 or more adults or nymphs or 1 egg capsule per room -Ants: 4 or more -Centipedes/Spiders: 1 or more -Other Arthropods: 3 or more	1, 2, 3, 4
003	Cockroach Control	3 days	7 days	30 days	Retreatment required if: 4 or more adults or nymphs or 1 egg capsule per room	1, 2, 3, 4
004	Flea Control	2 day	7 days	30 days	100% control	1, 4, 5
005	Miscellaneous Arthropod Pest Control	7 days	10 days	30 days	Sensitive areas: 100% control Mites: 100% control Retreatment required if: - Food Handling: 3 or more arthropods/room/survey - Offices/Admin: 3 or more arthropods/room/survey - Industrial Areas: 5 or more arthropods/room/survey - Outdoors: 5 or more arthropods in a 100 square foot area	4
006	Stored Product Pest Control	3 days	24 hrs	30 days (residual) 7 days (ULV)	Sighting of any exposed, living, stored product pest(s) after 72 hours shall require retreatment	1, 4, 5, 6

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Attachment J-1503020-06  
Nuisance Pest Requirements

**Superscript:**

1. After notification.
2. After first control action.
3. Based on performance assessment (i.e., surveys, customer complaints).

**Notes:**

1. Regularly scheduled, periodic pesticide applications are not approved for DoD property.
2. Liquid, dust, or aerosol pesticide formulations shall not be applied indoors when food is exposed or spaces are occupied.
3. Treatment of areas outside or adjacent areas to the designated area does not constitute an added service call or charge.
4. Report conditions conducive to pest infestation to the KO and Integrated Pest Management Coordinator within one working day following survey.
5. Coordinate with residents/building personnel on specific treatment and re-entry times.
6. The ULV machine shall be calibrated for generating proper droplet sizes and range before starting any work under this contract and thereafter every 90 days or every 50 hours of use, whichever comes first. Maintain a log of ULV machine hour use.
7. Pesticide applications shall not be made during hours of operations or when children are present at schools, child development centers and youth activity centers.
8. At the direction of the KO, perform surveys for wood destroying organisms.
9. The Contractor shall perform complete inspections of housing units, garages, buildings, and other structures as designated by the KO to determine infestations or damage to wood structural components or other wood, which may be caused by termites or other structural or wood infesting pests. The inspections shall include both the indoor and exterior of buildings and structures and any attached fences, sheds, carports, etc. (i.e. inspect the property of the structure).



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Attachment J-1503020-07 Public Health Pest Requirements		
Pest Group Number	Pest Group Name	General Requirements
007	Aerial Spray Support and Operations	Provide ground support services for aerial spray operations.
008	Adult Mosquito Control	Control and prevent adult mosquito.
009	Adult Mosquito Control - Residual	Application of a mosquito adulticide (residual spray) at designated sites when directed by COR.
010	Adult Mosquito Surveillance	Survey for adult mosquitoes using light trap(s) and deliver catches to Installation Preventive Medicine.
011	Bed Bugs	Prevent and control all bedbugs.
012	Bee, Wasp, Hornet, and Stinging Arthropod Control	Control stinging arthropod infestations in and around buildings, structures, and areas. Pests include, but are not limited to, bees, wasps, hornets, cicada killers, yellow jackets, and solitary wasps (mud daubers, umbrella wasps).
013	Childcare Facilities/Sensitive Areas Pest Control (Includes: Schools, Hospital, Veterinary Clinic and Kennels, Child Development Center, Youth Activities Center)	Control all nuisance arthropod pests (including, but not limited to), cockroaches, ants, silverfish, spiders, crickets, flies, centipedes, box elder bugs, mites, bees, wasps, other venomous arthropods, AND all species of rodents in areas where children frequent including child care, schools, day care, nurseries and other locations as designated.
014	Filth Fly Control	Prevent and control filth flies including house flies, flesh flies, bottle flies, blow flies, fruit flies, and other related insects that breed or are attracted to garbage and trash in area designated by the COR. Identify source, if applicable.
015	Larval and Pupal Mosquito Control	Control of larval and pupal mosquitoes in designated area(s) when directed by COR (medical personnel determine when to control).
016	Larval Mosquito Surveillance	Survey designated mosquito breeding sites for immature mosquitoes (eggs, larvae, and pupae) and deliver catches to Installation Preventive Medicine.
017	Tick Survey and Control Outdoors	Survey for and control of ticks outdoors.
018	Fire Ant Control	Prevent and control fire ants indoors and outdoors. Sites include all improved, operational areas and other designated sites.

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Attachment J-1503020-07 Public Health Pest Requirements						
Performance Standard						
Pest Group Number	Pest Group Name	Time Period to Respond	Time Period to Obtain Control	Time Period to Maintain Control	Level of Control	Notes See Below
007	Aerial Spray Support and Operations	24 hrs	N/A	N/A	All services rendered within time period requested	8
008	Adult Mosquito Control	24 hrs	Treat on designated time and day.	30 days	ULV application performed as per specifications. The Government shall determine the level of control.	4
009	Adult Mosquito Control - Residual	24 hrs	2 hrs	10 days	Residual application performed as per specifications	N/A
010	Adult Mosquito Surveillance	7 days <sup>1</sup>	Weekly during mosquito season	Duration of mosquito season <sup>8</sup>	Based on a Government risk assessment, surveillance shall be performed on at least one night per week with both positive and negative results being reported weekly to the KO or COR, and Installation Preventive Medicine Department. Traps shall be set prior to sunset and picked up after sunrise.	See Pest Group 010: Adult Mosquito Surveillance Below
011	Bed Bug Control	24 hrs	7 days	60 days	100% control, no bedbugs found	1, 2, 3, 4, 6
012	Bee, Wasp, Hornet, and Stinging Arthropod Control	4 hrs	24 hrs (stinging hazard) 2 days (nest removal)	28 days	100% control is required. Sighting of stinging arthropod at entrances to nests where arthropods were previously controlled is grounds for retreatment at the Contractor's expense.	2, 4
013	Childcare Facilities/Sensitive Areas Pest Control	Same Day	Same Visit	28 days	100% control	1, 2, 3, 4, 5, 6
014	Filth Fly Control	2 days	2 days	30 days	Indoors: 100% control Retreatment required if: -Outdoors/Dumpsters: 10 or more adults or immatures -Outdoors: 5 or more adults or immatures	1, 2, 3, 4, 5, 6
015	Larval and Pupal Mosquito Control	24 hrs	7 days	30 days	Consult Preventive Medicine for number	10

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Attachment J-1503020-07 Public Health Pest Requirements						
016	Larval Mosquito Surveillance	Within 14 days of 1 <sup>st</sup> day of month <sup>s</sup>	Every 2 weeks after mosquito increase <sup>s</sup>	Duration of increased mosquito population <sup>s</sup>	Surveillance shall be performed every two weeks and both positive and negative results shall be reported to the KO and installation Preventive Medicine Department	See Pest Group 016: Larval Mosquito Surveillance Below
017	Tick Survey and Control Outdoors	3 days	3 days	28 days	Retreatment required if: Improved areas: 3 or more ticks seen or 3 customer complaints Semi-Improved Area or Unimproved Area: 10 or more ticks by survey, 3 customer complaints, or 3 ticks seen	6
018	Fire Ant Control	Immediately (indoors) 1 day (outdoors)	1 day (indoors) 5 days (outdoors)	30 days	Indoor: 100% control Outdoors: - Critical areas: less than 1 mound/colony per acre - Non-critical areas: less than 3 mounds/colonies per acre	1, 2, 3, 4

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**Superscript:**

1. As determined by the Government.
2. Indoors: Occasional Arthropod Invaders – same visit; Rats/Mice – 10 days; Cockroaches/Ants – 10 days; Arthropods/Rodents in “Adjacent Areas” – 7 days; Outdoor Play Yard: Ants – 7 days; Small Venomous Arthropods – same day; Outdoor/Non-Play Yard: All Pests – In accordance with applicable “Pest Group” part of contract except that venomous arthropods must be controlled in two calendar days

**Notes:**

1. Regularly scheduled, periodic pesticide applications are not approved for DoD property.
2. Liquid, dust, or aerosol pesticide formulations shall not be applied indoors when food is exposed or spaces are occupied.
3. Treatment of areas outside or adjacent areas to the designated area does not constitute an added service call or charge.
4. Report conditions conducive to pest infestation to the KO or COR within one working day following survey.
5. Pesticide applications shall not be made during hours of operations or when children are present at schools, child development centers, and youth activity centers.
6. Coordinate with residents/building personnel on specific treatment and re-entry times.
7. The ULV machine shall be calibrated for generating proper droplet sizes and range before starting any work under this contract and thereafter every 90 days or every 50 hours of use, whichever comes first. Maintain a log of ULV machine hour use.
8. Aerial applications of pesticides require validation and approval by a pest management consultant.
9. The adulticide is applied at maximum label rate for the adulticide used.
10. The KO or COR shall designate areas where mosquito larva should be controlled on a map supplied by the government. The areas may be intermittent water (developed from surveys for larval breeding sites), or permanent water sites

**Pest Group 010: Adult Mosquito Surveillance**

Equipment Provider: The Contractor shall provide the mosquito trap(s) and all other equipment (as needed) to complete mosquito survey(s) as directed by the KO or COR. All cost for procurement of equipment (including traps, batteries, extension cords, light bulbs, collection bags, etc.) shall be included in the bid price for this service and does not constitute grounds for any added charge under any other part of this contract.

Trap Design: Type of trap will be determined by the target mosquito species. The installation Preventive Medicine Department can provide information on local nuisance and vector mosquitoes. New Jersey light traps (or equal), CDC light traps (or equal), gravid traps, BG sentinel, or other commercially purchased light trap designs deemed acceptable to the Armed Forces Pest Management Board (AFPMB), shall be used. The Government may or may not provide electricity at the site where the KO designates that the light traps shall be placed. If no electricity is available, battery operated units shall be used. Battery operated units may be used even if electricity is provided. The government shall not supply batteries. Use the same trap design at the same location throughout the course of this contract.

Trap Placement: Traps shall be placed so as to effectively collect and measure the target mosquito population. The Government may determine trap locations.

Trapping Frequency: Traps shall be set twice each week (weather permitting). If weather is inappropriate for trapping (heavy rain or consistent winds above 15 MPH), perform trapping on the night following the scheduled night (or the next appropriate night). Conduct adult mosquito trapping in accordance with the weekly schedule.

Survey Data: At a minimum, the Contractor shall count the total number of mosquitoes in the trap and record the number on the Adult Mosquito Catch Form.

Disposition of Mosquitoes: Consult with the installation Preventive Medicine Department to determine if mosquito collections should be saved for identification and testing. If the mosquitoes are to be retained, then the following method should be used. Immobilize and kill mosquitoes and other arthropods by placing in the trap container in a freezer or using another suitable method that does not destroy the specimens (e.g. do not immerse in

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Public Health Pest Requirements

alcohol). (Mosquitoes collected for testing (e.g. West Nile Virus) may require specific handling; consult with the Preventive Medicine Department.) Place trap contents in a paper or cardboard container and label with time, date, location collector's name and contact information. Deliver to personnel designated by the KO to receive the mosquito trap collection. If mosquitoes do not need to be kept, then they should be disposed.

**Reporting Adult Mosquito Collections:** The Contractor shall complete the number of samples designated by the Government and record (in legible handwriting) the results of the survey for each location sampled. The Contractor shall note the date and time of collection, the number of mosquitoes collected per sample site, type of breeding source, notes regarding the sampled mosquitoes, and sum or average the totals. The COR may provide a collection form (Adult Mosquito Catch Form) on which the survey results are recorded. Records shall be reported on the collection form and submitted weekly during surveillance to the COR and the installation Preventive Medicine Department.

The action threshold for adult mosquito control shall be:

- Light traps: 25 biting females or 1 vector species in an un-baited light trap or 40 biting females in a baited CO2 trap
- Landing counts: 15 per hour
- Disease emergencies declared: light traps: 1 female of a species which has been identified as carrying disease trapped within 5 miles of installation

NOTE: Action thresholds may be changed on advise of a BUMED entomologist

Vector species of concern

Primary diseases of concern

Culiseta melanura

Eastern equine encephalitis (EEE),  
West Nile Virus (WNV)

Culex pipiens complex

EEE, St. Louis encephalitis, WNV

Culex nigripalpus

EEE, St. Louis encephalitis, WNVadult mosquitoes per trap>>>

The base Preventive Medicine Technicians shall be consulted before any control takes place.

**Pest Group 016: Larval Mosquito Surveillance**

Equipment: The Contractor shall provide all equipment (as needed), to complete the assigned task(s) including, but not limited to, ladders, asepto syringes, boots, dippers, notebooks, etc. (as applicable). The Contractor shall sample for immature mosquitoes on the schedule designated by the KO or COR.

Survey Designated Mosquito Breeding Sites (Areas designated by the ACO or Contract Specifications): Areas shall be designated by the KO or COR for non-recurring work, and by maps for recurring work. In the designated area(s), there may be differing aquatic environments to sample from including but not limited to, wetlands, standing pools of water, tree holes, artificial containers, clogged rain gutters, land depressions with temporary pools, floodwater plains, standing ponds, underground or aboveground storm water catch basins, swamps, drainage ditches, tire dumps, recycling areas, or any area where mosquitoes can breed. It is the responsibility of the Contractor to survey all potential mosquito breeding sites within the designated area(s).

Previous Experience: Larval mosquito surveys are very technique sensitive. Only Contractor personnel, with significant previous experience sampling for immature mosquitoes, shall perform larval surveys.

Survey Techniques:

In larger bodies of water such as ponds, lakes, catch water basins, etc., perform surveys around the water perimeter using a standard larval mosquito dipper (style and type approved by the Installation Preventive Medicine Department and the COR). Complete a sufficient number of dips to develop an accurate average dip count for the body of water (e.g. 10 dips/sampling station). Different species of mosquito larvae must be surveyed using different dipping techniques. It may be necessary to proceed carefully, or to act swiftly depending on the species

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**Public Health Pest Requirements**

being sampled, as water disturbance or casting shadows could result in the larvae diving to the bottom. It is the Contractor's responsibility to know the proper sampling technique(s) for the mosquito species present.

In smaller water bodies such as rain gutters, artificial containers, tree holes etc., samples shall be taken using an appropriate collection device.

Reporting Larval Mosquito Collections: The Contractor shall record (in legible handwriting) the results of the survey for each location sampled. The Contractor shall complete the number of samples designated by the KO for each location. The Contractor shall note the date and time of collection, the number of immature mosquitoes collected per sample site, type of breeding source, notes regarding the sampled mosquitoes, and sum or average the totals. The KO may provide a collection form on which the survey results are recorded. Records shall be reported on the collection form and submitted every two weeks during surveillance to the KO and the installation Preventive Medicine Department.

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Attachment J-1503020-08  
Structure Damaging Pest Requirements

Pest Group Number	Pest Group Name	General Requirements
019	Other Wood Destroying Organisms (Non-Termite) Control	Prevent, manage, and control non-termite wood destroying organisms including, but not limited to powder post beetles (Lyctids and Bostrichids), Anobiids (furniture and deathwatch beetles), old house borer, carpenter ants, and carpenter bees.
020	Survey for Termite and Wood Destroying Organisms	Survey for all termite species and other wood destroying organisms including fungal rots, carpenter ants, and wood boring beetles.

### Performance Standard

Pest Group Number	Pest Group Name	Time Period to Respond <sup>1</sup>	Time Period to Obtain Control <sup>2</sup>	Time Period to Maintain Control	Level of Control <sup>3</sup>	Notes See Below
019	Other Wood Destroying Organisms (Non-Termite) Control	10 days	30 days	365 days	100% control	1, 2, 5
020	Survey for Termite and Wood Destroying Organisms, including fungal rots, carpenter ants, and wood boring beetles.	Same day (swarming) 7 days (not swarming)	N/A	2 Working Days (submit report)	N/A	2, 3, 4, 6, 7 See Pest Group 020: Termite and Wood Decay Inspection Below

**Superscript:**

1. After notification.
2. After first control action.
3. Based on performance assessment (i.e., surveys, customer complaints).

### Notes:

1. Liquid, dust, or aerosol pesticide formulations shall not be applied indoors when food is exposed or spaces are occupied.
2. Report conditions conducive to pest infestation to the COR within one working day following survey.
3. Use the Termite and Wood Decay Inspection - DD Form 1070 and submit report to the KO and COR within two working days following survey.
4. Follow Termite Control Specifications (below) for termite management.
5. If the infestation is a beetle species that will not reinfest seasoned dead wood, treatment shall not be performed. Provide a report to the KO and COR within two working days following survey detailing the species of beetle and the fact that it will not reinfest seasoned dead wood. This should refer to parasitic or biting mites only, e.g. bird mites, chiggers.
6. At the direction of the KO, perform surveys for wood destroying organisms.
7. The Contractor shall perform complete inspections of housing units, garages, buildings, and other structures as designated by the KO to determine infestations or damage to wood structural components or other wood, which may be caused by termites or other structural or wood infesting pests. The inspections shall include both the indoor and exterior of buildings and structures and any attached fences, sheds, carports, etc. (i.e. inspect the property of the structure).

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Pest Control

DD FORM 1070															
<div style="display: flex; justify-content: space-between;"> <div>           (DD Form 1070)           <div style="text-align: center;"> <b>TERMITE AND WOOD DECAY INSPECTION</b>            (Use with Pest Group Sheet 019)         </div> </div> <div style="text-align: center;">           DATE INSPECTED         </div> <div style="text-align: center;">           BUILDING NUMBER         </div> </div>															
INSTALLATION			TYPE BUILDING <div style="display: flex; justify-content: space-between; font-size: 0.8em;"> <span>PERM</span> <span>TEMP</span> </div>		INSPECTOR										
<b>I. FAVORABLE TERMITE AND FUNGI INFESTATION CONDITIONS</b>															
WOOD IN CONTACT WITH SOIL						POOR VENTILATION UNDER BUILDING									
FORM BOARDS LEFT IN CONCRETE						WATER COLLECTIONS UNDER BUILDING									
WOOD MEMBERS SET IN CONCRETE FLOOR						VINES AND SHRUBS AGAINST BUILDING									
WOOD STEPS IN CONTACT WITH SOIL						LEAKY PLUMBING IN PUTTING									
WOOD STEPS WITHOUT SHIELDS						WOOD SCRAP PILED TINDER BUILDING									
WOOD SIDING IN CONTACT WITH SOIL						LOOSE WIRE IN CONTACT WITH SOIL									
PIPES IN CONTACT WITH SOIL AND WOOD			OTHER (Specify)												
NO SHIELDS ON FOUNDATION															
FAULTY TERMITE SHIELD															
<b>II. LOCATION OF INFESTATIONS</b>															
FOUNDATION TIMBERS						BASEBOARDS									
WOOD PILLARS						DOOR FRAMES									
SILLS						WINDOW FRAMES									
CROSS BEAMS						STEPS									
FURNITURE						ROOF									
FLOOR JOIST			OTHER (Specify)												
FLOOR															
STUDS															
<b>III. TYPE OF TERMITE</b>				<b>IV. TYPE OF FUNGI</b>			<b>V. DAMAGE</b>								
	SUBTER-RANEAN		NONSUBTER-RANEAN		WOOD DECAY		WOOD STAINING		STRUCTURAL WEAKENING	SUPERFICIAL	ESTIMATED COST				
<b>VI. REPAIR AND TREATMENT</b>															
TYPE				RECM		ACCOMP		TYPE				RECM		ACCOMP	
REMOVAL OF WOOD FROM SOIL CONTACT								REPAIR OF TERMITE SHIELDS							
SEALING CRACKS IN CONCRETE								REMOVAL OF CONCRETE FORMS							
POINTING UP POOR MORTAR								REMOVAL OF VINES AND SHRUBS							
LOWERING GRADE LEVEL								REMOVAL OF WOOD TRASH							
CAPPING CONCRETE FOUNDATION								OTHER (Specify)							
IMPROVING DRAINAGE UNDER BUILDING															
IMPROVING VENTILATION UNDER BUILDING															
<b>VII. CHEMICAL CONTROL</b>															
APPLICATION OF POISON DUST TO SHELTER TUBES YES <input type="checkbox"/> NO <input type="checkbox"/>						CHEMICAL USED									
SOIL POISON YES <input type="checkbox"/> NO <input type="checkbox"/>						TRENCH DEPTH		LINEAR FEET		CHEMICAL USED					
REPLACEMENT OF DAMAGED WOOD YES <input type="checkbox"/> NO <input type="checkbox"/>		NO. OF M BD FELT REPLACED		UNTREATED		DIPPED		SOAKED		SPRAYED		PRESSURE TREATED			
DRILLING AND FLOODING TREATMENTS YES <input type="checkbox"/> NO <input type="checkbox"/>						CHEMICAL USED									
WOOD INJECTION FOR DRY WOOD TERMITE YES <input type="checkbox"/>						CHEMICAL USED									
<b>VIII. COST</b>															
LABOR			MATERIAL			OTHER			TOTAL						
<b>IX. TREATMENT EFFECTIVENESS</b>															
DATE		REMARKS						INSPECTOR							
DATE		REMARKS						INSPECTOR							
DATE		REMARKS						INSPECTOR							
DATE		TITLE OF INDIVIDUAL AFFECTING REPAIR AND TREATMENT					SIGNATURE								



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Attachment J-1503020-09  
Vegetation Management Requirements

Pest Group Number	Pest Group Name	General Requirements
023	Aquatic Plant Control	Control aquatic weeds in ditches, ponds, lakes, and other aquatic sites.
024	Industrial, Sidewalk, Substation, Vault, and Right-Of-Way Weed Control	Provide bare ground weed control in cracks in sidewalks and paved surfaces, at fence line locations, in transformer vaults, around fire hydrants, and other designated locations.
025	Turf and Ornamental Bed Weed Control	Control weeds in turf areas and in ornamental plant beds.

### Performance Standard

Pest Group Number	Pest Group Name	Time Period to Respond <sup>1</sup>	Time Period to Obtain Control <sup>2</sup>	Time Period to Maintain Control	Level of Control <sup>3</sup>	Notes See Below
023	Aquatic Plant Control	7 days	21 days	60 days	100% control	2, 3, 4
024	Industrial, Sidewalk, Substation, Vault, and Right-Of-Way Weed Control	5 days	14 days	Consult PMC	Consult PMC	3
025	Turf and Ornamental Bed Weed Control	7 days	21 days	Season long	More than 4 weed plants per ornamental bed or 1600 ft <sup>2</sup> of turf are grounds for retreatment of that area at the Contractor's expense.	1, 2, 3

**Superscript:**

1. After notification.
2. After first control action.
3. Based on performance assessment (i.e., surveys, customer complaints).

**Notes:**

1. Report conditions conducive to pest infestation to the COR within one working day following survey.
2. Post/Notify as required by applicable state/local regulations.
3. Misapplication to target areas, or drift, runoff or other off-target effects that kill or damage any vegetation shall result in the Contractor replacing that vegetation at no charge to the Government.
4. Permits may be required to perform this work (i.e., NPDES permit, FWS permit). The contractor shall obtain all permits and provide a copy to the KO and COR prior to commencing control.

Section J 1503020  
Pest Control

Attachment J-1503020-10 Vertebrate Pest Requirements						
Pest Group Number	Pest Group Name		General Requirements			
026	Bat Control in Buildings		Control/exclude bats from buildings in accordance with state regulations.			
027	Commensal Rodents In and Around Buildings and Structures		Prevent and control rodents indoors or within 75 linear feet of the exterior walls of designated buildings and structures. Rodent pests include, but are not limited to Norway rats, roof rats, house mice, field mice, groundhogs (woodchucks) and other marmots. Service requires removal of dead animals.			
028	Pest Bird Control (including Bird Aircraft Strike Hazard reduction activities)		(1) Prevent and control birds inside and outside buildings/structures, and (2) Prevent and control birds roosting/nesting on aircraft operation areas.			
029	Pest Vertebrate Control		Control pest vertebrate animals including, but not limited to, feral dogs and cats, squirrels, skunks, snakes, opossums, raccoons, and mongoose. Comply with local laws and regulations.			
Performance Standard						
Pest Group Number	Pest Group Name	Time Period to Respond <sup>1</sup>	Time Period to Obtain Control <sup>2</sup>	Time Period to Maintain Control	Level of Control <sup>3</sup>	Notes See Below
026	Bat Control in Buildings	Same day	1 day (single bat) 5 days (community)	7 days (single bat) 90 days (community)	100% control	2, 4, 5, 11
027	Commensal Rodents	1 day (indoors) 3 days (outdoors)	10 days (indoors) 30 days (outdoors)	30 days	100% control Retreatment required if rodent signs are identified after treatment	1, 2, 3, 4
028	Pest Bird Control (including Bird Aircraft Strike Hazard reduction activities)	Varies <sup>4</sup>	1 day	30 days	Indoor and Occupied Spaces:100% control Retreatment required if: - Indoor Industrial and Outdoors: 5 or more birds	2, 4, 5, 6, 11
029	Pest Vertebrate Control	24 hr, Immediately (emergency, indoors)	3 days, 24 hr (emergency, indoors)	N/A	100% control	2, 4, 7, 8, 9, 10, 11

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Attachment J-1503020-10  
Vertebrate Pest Requirements

**Superscript:**

1. After notification.
2. After first control action.
3. Based on performance assessment (i.e., surveys, customer complaints).
4. General Bird Control: 3 working days, 1 day in occupied spaces; BASH: 24 hours; BASH Emergency Call (Mission affected): Immediately

**Notes:**

1. Regularly scheduled, periodic pesticide applications are not approved for DoD property.
2. Report conditions conducive to pest infestation to the COR within one working day following survey.
3. Caught rodents shall not be left in traps for longer than 24 hours. Rodenticides should not be used in day care centers, schools or areas where food is prepared or served without special approval from the KO and notification of the Preventive Medicine Department.
4. Carcass disposal, transportation, disposition, deodorizing etc. are considered a normal part of pest control and are at no additional cost to the government.
5. Permits may be required to perform this work (i.e., NPDES permit, FWS permit). The contractor shall obtain all permits and provide a copy to the KO prior to commencing control.
6. Only three species of birds (European starling, English sparrow, and pigeons) may be controlled without a permit from the US Fish and Wildlife Service. Use of ultrasonic, electromagnetic, sonic repellent devices or electric shock devices is prohibited.
7. Feral Cats: Captured feral cats may be taken to the local humane society or animal shelter. Feral cats and other animals shall not be neutered and released onto the installation.
8. Wild Vertebrates That Do Not Transmit Rabies: Consult with Natural Resources prior to conducting any vertebrate control measures. Relocation and release of captured animals must be done in accordance with all Federal, State, and local regulations. If transport/release is not possible or practical, the animal may be euthanized humanely and the carcass disposed of in accordance with county/local laws.
9. Leg hold traps or other devices that will harm animals are prohibited. Traps shall be placed and set in such a way as to prevent harm to humans and minimize harm to non-target animals.
10. Non-lethal control is required unless the animal appears rabid, sick, is extremely aggressive and poses a danger to the contractor during trapping, poses a danger to personnel or is a nuisance animal. Captured animals shall be scrutinized for sickness. If sickness is suspected, or animals are defined as nuisance species, they shall be humanely euthanized. Coordinate with Base Medical Department for carcass disposition (disposal or transport as applicable). If animals appear healthy, transport/release if possible, or dispose of at the discretion of the KO. Relocation and release of captured animals must be done in accordance with all Federal, State, and local regulations. Animals defined as nuisance animals should be humanely euthanized rather than relocated and released.
11. Animals defined as nuisance animals should be humanely euthanized rather than relocated and released.
12. Lethal control is prohibited without direct consent of the KO. Consult with Natural Resources before considering lethal control of vertebrates. If permitted, firearms use shall always be coordinated with Base Security.

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Attachment J-1503020-11  
Termite Control Specifications

Unscheduled Structural Pest Control Services. The Contractor shall provide structural pest control services on an unscheduled (indefinite quantity) basis as specified below. Services shall be completed within five working days after receipt of the task order. At the time of any soil treatment application, the soil shall be in a condition with low moisture to allow uniform distribution of the treatment solution throughout the soil. The Contractor shall not apply pesticide during or immediately following heavy rains, or when conditions will cause runoff and create an environmental hazard. No pesticides shall be applied to the soil beneath a plenum air space. Pesticides shall not be applied until the approximate location of water and sewer lines are known.

- (1) Subterranean Termite Control. All termite infestations in the structure shall be controlled within 30 days of treatment. Toxicants shall be delivered to the project site in sealed and labeled containers as supplied by the manufacturer or formulator. Labels shall bear the manufacturer's warnings to be observed in handling and use of material, and bear evidence or registration under the FIFRA.

- a) MATERIALS. "The termiticide used for control of subterranean termites shall be a soil applied nonrepellent termiticide (such as fipronil, imidacloprid or chlorfenapyr). If needed, remedial treatments can be applied to wooden structural members using a borate product containing the active ingredient disodium octaborate tetrahydrate (i.e. Tim-Bor™, Bora-Care™). The termiticide product shall be applied at the **highest labeled rates and concentrations.**"

1. Delivery and Storage. Termiticide shall be delivered to the project site in sealed and labeled containers as supplied by the manufacturer or formulator. Labels shall bear manufacturer's warnings to be observed in handling and use of the material. Labels shall bear evidence of registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) as amended by the Federal Environmental Pesticide Control Act (FEPCA) of 1972.
2. Samples. The Contractor shall submit on request, or the Contracting Officer may draw at any time, without prior notice, from stocks at the site of the work, samples of insecticide concentrates and diluted insecticide solutions or emulsions being used or presumed to be for use in this work. Should analysis indicate such samples to contain less than the amount of active ingredient claimed on the label or specified herein, then all work done with such insecticides shall be repeated using insecticides conforming to this specification without additional cost to the Government.

- b) APPLICATION SHALL BE MADE IN THE FOLLOWING MANNER:

1. Interior Areas to be Treated. Expansion or construction joints located under and adjacent to interior and exterior walls shall be treated by drilling holes through the floor slab and injecting the proper insecticide. Drill holes should be spaced in a manner that will allow for application of a continuous chemical treatment zone (i.e. holes approximately 3/8 inch in diameter and no more than 12 inches apart, on center, not more than 6 inches from the wall being treated). Termiticide shall be applied into these holes under pressure at a rate as specified on the insecticide label. Plumbing chases shall also be treated.
2. Exterior Areas to be Treated. Soil adjacent to the outside of wall shall be treated. The treatment shall extend from the top of the footing to the top of the soil to form a vertical insecticide barrier along the building at the rate of not less than four gallons per ten linear feet per foot of depth. Backfill shall be tamped and sufficient in quantity to provide a surface sloping away from the structure. Voids in concrete block walls, and between brick veneer and foundation walls shall be treated by drilling and injecting insecticide as specified on the label.
3. Label Requirements. Rates and methods of application shall be in strict accordance with the printed instructions on the manufacturer's insecticide label with the insecticide applied at the **highest labeled rate and concentration.** Conflicts between this specification and label directions shall be resolved in favor of the label and discussion with the COR. Prior to performing the work, the termiticide label, labeling and Safety Data Sheet (SDS) must be submitted to the KO and COR for acceptance.

- c) DRILL HOLES

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1. Drill holes in masonry walls shall be plugged neatly and solid using 1:2 sand cement mortar.
  2. Drill holes in floor slabs shall be plugged neatly and solid using an approved non-shrink grout.
  3. Drill holes in expansion joints shall be sealed with an approved mastic cement. Excess mastic shall be removed and left neat.
- d) **EXISTING UTILITIES.** The Contractor shall determine in advance of commencing work the locations of water lines, drain lines, fuel oil lines and heating ducts, and shall avoid damage to these lines and ducts during drilling and rodding operations. Any damage caused by the Contractor's operations, if not conducted according to the information obtained from the Contracting Officer, shall be immediately repaired at the Contractor's expense.
- e) **SITE PROTECTION AND BACKFILL TREATMENT.** All shrubbery shall be protected from damage during all operations under this contract. Any such damage incurred shall be immediately corrected at no cost to the Government. Where grass is removed from trenching or excavated material, after backfilling, the sod shall be replaced and thoroughly dampened with the approved termiticide solution if allowed by the insecticide label.
- f) **CERTIFICATION OF WORK.** Upon final completion of the soil treatment, and as a condition for final acceptance, the Contractor shall furnish a written certificate stating:
1. Insecticide used had required concentration, brand name, and manufacturer thereof.
  2. Rate and method of application complied in every respect with the standards contained herein.
- g) **WARRANTY.** The Contractor shall provide the Contracting Officer with a written warranty, in acceptable form, for each building or building unit treated for subterranean termites. The warranty shall be prepaid (to be included in the total price of the treatment) good for a period of no less than five years, guaranteeing retreatment of any subsequent infestation and further that any structural damage due to an infestation after the initial treatment shall be repaired at no additional cost. A detailed written structural assessment shall be made by the Contractor with concurrence by the Contracting Officer prior to initial treatment for reference at a later date, should there be any questions of subsequent damage. The limit of the Contractor's liability for repairs is \$25,000 per building.
- (2) **Drywood Termite Control.** Provide drywood termite control as described below. The presence of an inspector trained in fumigation is essential while fumigant concentration readings are taken to determine that all drywood termites are killed during fumigation. Adherence to proper procedures must be assured while the work is being accomplished.
- a) **Safety Measures.** The Contractor shall ensure proper techniques and procedures are followed. Precautions shall be taken to prevent injury to any person and damage to property as a result of work accomplished under this section. These precautions shall include, but are not limited to, the following:
1. **Safety Equipment.** Before releasing any gas, the Contractor shall deliver to the COR, ready for use by Government personnel, two full-face gas masks, each with two new, unused canisters appropriate for the gas to be employed, or a similar number of self-contained breathing apparatuses, each with a cylinder of air; a completely stocked and illustrated fumigator's first aid kit (all meeting specifications of the Health and Safety Division, Bureau of Mines, U.S. Department of the Interior); and at least one approved low-volume gas detector for the fumigant to be employed. All such equipment will be held at the site until completion of the work.
  2. **Notification of Security Officer.** The activity Security Officer shall be notified at least 24 hours prior to the commencement of fumigation operations, and upon completion of the work that the building is being left unattended.
  3. **Disconnection of Services.** Prior to fumigation, all gas and other fuel supplies shall be cut off. Electric and telephone service need not be disconnected; however, the electric main entrance switch shall be pulled. All fires, including pilot lights, shall be extinguished prior to beginning fumigation procedures. After fumigation and subsequent ventilation

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has been completed, electric power, pilot lights, etc., shall be turned on or relit. Damage to any service caused by the Contractor shall be repaired at no additional cost to the Government.

4. Barricades. A double rope barricade shall be placed no closer than 20 feet to, and around the entire perimeter of the building to be fumigated. Existing fences may substitute for rope barricades if they are at least 20 feet from the building.
  5. Signs. Warning signs shall be placed prominently on all means of ingress to the building and grounds, including fences and rope barricades surrounding the work. Signs shall include a statement that the building is being fumigated with "sulfuryl fluoride" gas. Signs shall not be less than 18 by 24 inches in size and shall meet all state and local wording requirements.
  6. Guards. At least two guards shall be placed around the building before gas is released. Guards shall be positioned at either end of the structure so the maximum amount of the building is under continuous observation. Guards, warning signs, and barricades shall be maintained during the entire fumigation process until the Contractor has checked for gas concentration and declares the entire area gas free and safe for normal occupancy.
  7. Lighting. The Contractor shall provide adequate lighting around the exterior of the structure being fumigated to permit ready detection of trespassers during the night.
  8. Evacuation of Personnel. After all persons and animals are evacuated from within and under the building, guards are posted, and prior to release of the fumigant, the Contractor and KO shall jointly inspect all rooms and spaces to assure evacuation is complete.
  9. Partial Fumigation. No partial fumigation of any building shall be allowed.
- b) Preparation.
1. Grass and Shrubbery. Wet the soil in planted areas to a depth of six inches for a distance of one foot outward from the areas to be covered by the tarp, to protect nearby plant roots from injury. In this respect, the Contractor shall exercise every precaution to protect and preserve grass and shrubbery that may come into contact with the building. Any plants, shrubs, or grass damaged by the gas or otherwise, shall be replaced at no additional cost to the Government.
  2. Sampling. Furnish and install a minimum of four polyethylene tubes leading from approved locations within the structure to an approved location outside for the purpose of recording gas concentrations. Also, furnish for use and have available during the entire fumigation period an approved thermal conductivity gas metering device, correctly calibrated in ounces per 1,000 cubic feet for the fumigant to be employed, and capable of sampling from the polyethylene tubes.
  3. Removal of Damageable Items. Remove all items from the building that might be damaged by the fumigant and maintain in locked storage. Lost or damaged items shall be repaired or replaced by the Contractor at no additional cost to the Government.
  4. Building Proper. In preparing the building for fumigation, exterior doors and windows and all entrances to enclosed interior areas, such as doors or windows leading to closets or cabinets or between rooms, shall be opened to facilitate distribution of the gas during fumigation and insure maximum ventilation at the end of the fumigation period.
- c) Procedure.
1. General. The building to be fumigated shall be completely enclosed with a gas-impervious tarpaulin material, with all sheeting seams securely sealed, and the lower edges of the enveloping cover sealed to the ground or finish grade level in a trench, with moist soil or with sand/water snakes (flexible tubing filled with water).
  2. Introduction of Chloropicrin. After preparation and sealing of the structure (except for one entrance) and prior to injection of the sulfuryl fluoride (Vikane), the Contractor shall introduce chloropicrin into the structure. The chloropicrin shall be introduced by placing cotton in shallow dishes, setting the dishes in the air stream of an electric fan within the structure, and pouring the chloropicrin over the cotton at the rate of one ounce per 10,000

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- to 15,000 cubic feet of space to be fumigated. The building will then be sealed and the fans started.
3. Fumigation. After introduction of the chloropicrin, the fumigant described below shall be released from cylinders placed outside the enclosed areas through not less than two hoses of either rubber, polyethylene tubing, or copper tubing leading to points well distributed within each floor of the building as previously approved by the KO. The liquid shall be injected at a temperature and pressure to guarantee complete vaporization upon its release. Sufficient air turbulence shall be created to maintain uniform distribution of the fumigants throughout all portions of the building and to prevent stratification of gas at any location by use of not less than four electric fans, each having a capacity of 3,000 to 5,000 cubic feet per minute (CFM).
  4. Fumigant and Dosage Rates. The fumigant shall be sulfuryl fluoride (Vikane) gas, injected in vapor form, and maintained in accordance with Dow Chemical Company Fumiguide B and Y. When the whole Fumiguide calculated initial concentration is obtained from all sampling points, the 24-hour fumigation time period starts. If the Contractor wishes to increase dosage rates to shorten the fumigation time in accordance with Fumiguide Y, prior approval of the KO and the NAVFAC PPMC is required.
  5. Borate Treatment. In addition to the aforementioned treatment, a glycol borate solution of Bora-Care™ shall be applied in attic and crawl spaces of the building. Apply a one-part water to one-part Bora-Care™ solution to the point of run off (one gallon of diluted solution for each 500 feet of surface area) to all exposed wood surfaces. Follow all labeled directions for the safe handling and use of this product. Aerosol application will be allowed only in inaccessible areas and with the prior approval of the KO.
  6. Sampling. During the actual 24-hour fumigation period, the gas-laden atmosphere within the enveloped structure shall be sampled from each sampling point five times: at the inception, and at four, eight, 16, and 24 hours after inception. The Contractor shall take appropriate action to ensure proper distribution of the gas and maintenance of the level of concentration specified. Sample readings shall be recorded and a copy of the readings provided to the KO upon completion of the treatment.
- d) Aeration. Upon termination of the fumigation exposure period, the Contractor shall remove all seals, open all doors and windows, and use ventilation fans to remove fumigants from dead air pockets with full observance of accepted safety, state, and labeled aeration procedures to avoid exposure of any persons or other life to dangerous concentrations of fumigant gas. The Contractor shall check for complete aeration with a low-volume gas detector in all enclosures, which might retain concentrations of gas, such as closets, cabinets, refrigerators, and chests, and certify to the KO that the structure is gas free and available for occupancy.
  - e) Clean Up. Upon completion of the fumigation, remove all debris and rubbish resulting from the work, replace damageable items removed from the building, and repair all damage resulting from the work.
  - f) Warranty. The Contractor shall guarantee the fumigated building is completely free of living drywood termites for one year after the fumigation is completed. The Contractor, accompanied by the KO, shall make two thorough inspections of the structure, at six-month intervals, following the fumigation date. The written findings of each inspection shall be provided to the KO within 10 working days after inspection completion. Positive evidence of drywood termite infestation, except from furniture and other moveable property installed during the one-year period, shall constitute conclusive evidence of improper fumigation and lack of control, and the building shall be refumigated at no additional cost to the Government.

Section J 1503020  
Pest Control

Attachment J-1503020-12  
Sample New Pest Management Record

**New Pesticide Management Record**

Instructions:

1. Select the installation and fill in the Office/Contractor, if applicable
2. Fill in a separate form for each pest management operation. Items marked with a red asterisk (\*) are required. For pesticide applications, the pounds of active ingredient (PAI) will be calculated automatically based on the data you enter.

Installation Name:

Department/Company: NAVFAC LANT

Office/Contractor: (optional)

☐ Negative Report

* Contract or In-House:	<input type="text"/>
* Application Date:	<input type="text" value="12/18/2018"/>
* Inside or Outside:	<input type="text"/>
* Facility: Building # or Area	<input type="text"/>
* Operation: (Examples)	<input type="text"/> * - No PAI will be calculated ** - A PAI will be calculated if a pesticide is selected
* Site:	<input type="text"/>
* Pest:	<input type="text"/>
* Applicator Name:	<input type="text" value="Bobby Bush"/> <a href="#">Modify applicator list</a>
* Pesticide Trade Name:	Please select an installation to view the AUL.
Pesticide Active Ingredient:	
EPA Registration # or Other #:	
Formulation:	
* Area Treated:	<input type="text"/> <input type="text"/>
* Quantity of undiluted product applied (from the pesticide container) (Example)	<input type="text"/> <input type="text"/>
Quantity of dilutant (water, oil, etc) applied (if needed) (Example)	<input type="text"/> <input type="text"/>
PAI*:	Will be automatically calculated for the appropriate Operations*
Comments:	<div><div></div><div></div></div>
Additional Comments (Optional):	<div><div></div><div></div></div>

\* Save Defaults: If you want the current date to load while the other default values are loaded, delete the Application Date, then click 'Save Defaults'.

Submit Record

Save Defaults\*

Clear Defaults



Section J 1503020  
Pest Control

Attachment J-1503020-13  
Pesticides/Herbicides Reporting

The Contractor shall be responsible for entering the appropriate pesticide data into the NAVFAC online pesticide reporting system (NOPRS) for each plant species treatment task within 30 days of treatment. Refer to Attachment J-1503020-14 for NOPRS tutorial.

The Contractor shall provide a pesticide usage report to the respective Installation Pest Management Coordinator, or coordinator identified in the task order/delivery order (TO/DO), during the period that pesticides are being applied. This report shall consist of daily pesticide application reports and the cost will be considered part of control project TO/DO (NAVFAC Form 6250/3 Pest Management Data System, Outdoor Operations) and/or The Contractor shall use the NAVFAC PMC approved/provided on-line reporting system to provide an electronic copy of the data. The website for the system is; <https://noprs.pestlogics.com/>. The regional NAVFAC Applied Biology Center should be contacted to obtain a password and instructions to use the system. The report shall include individual daily records of all pesticide or herbicide use.

Attachment J-1503020-14  
NAVFAC online pesticide reporting system (NOPRS) Tutorial

## NAVFAC Online Pesticide Reporting System (NOPRS) Tutorial

Website: <https://noprs.pestlogics.com>



Username:   
Password:

Logon Screen

### OPENING SCREEN WITH MENU OPTIONS

Your menu options



#### New Pesticide Management Record

Directions:

1. Select the installation and fill in the Office/Contractor, if applicable
2. Fill in a separate form for each pest management operation. For pesticide applications, the pounds of active ingredient (PAI) will be calculated automatically based on the data you enter.

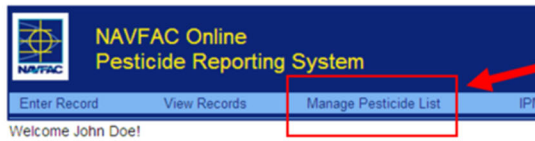
Installation Name: Lafayette River Annex  
Department/Company: PW  
Office/Contractor: (optional)

☐ Negative Report

You will only see the IPMP menu option if you have a supervisor (IPMC) account.

Contract or In-House:   
Application Date: 10/23/2012  
Inside or Outside:

## INSTALLATION PESTICIDE LIST



If your Installation Authorized Use List has already been built and the pesticides you use are listed, you can begin entering in records.

### Manage Pesticide List

#### Installation Authorized Use List (AUL)

[Instructions](#)

Pesticides approved for Lafayette River Annex

[Check All](#)

Favorites	Pesticide Type	Formulation	Pesticide Name	Active Ingredient	EPA Number
<input type="checkbox"/>	Fumigant	Liquid	Pic-Clor 60EC	Chloropicrin 57%-1,3 Dichloropropene 38%	8536-43-11220
<input type="checkbox"/>	Fungicide	Solution	OXIDATE 27%	HYDROGEN DIOXIDE	70299-2

If you put a check mark in the Favorites box, you will only see those pesticides that are marked as favorites and not the full installation AUL. This is helpful if your installation list is long and you don't use all the pesticides on it.

[Update Favorites](#)

[Print Friendly Page](#)

[Export AUL](#)

### Master Pesticide List

Search for a pesticide by entering the whole or partial pesticide name or EPA number in the text box below.

[Search](#) [Reset](#) [Request New Pesticide](#) [Export](#) [Add To AUL](#)

### Manage Pesticide List

#### Installation Authorized Use List (AUL)

[Instructions](#)

Pesticides approved for Lafayette River Annex

[Check All](#)

Favorites	Pesticide Type	Formulation	Pesticide Name	Active Ingredient	EPA Number
<input type="checkbox"/>	Fumigant	Liquid	Pic-Clor 60EC	Chloropicrin 57%-1,3 Dichloropropene 38%	8536-43-11220
<input type="checkbox"/>	Fungicide	Solution	OXIDATE 27%	HYDROGEN DIOXIDE	70299-2

If your Installation Authorized Use List has not been built, you will have to build it before you can enter any records. Begin by searching in the Master Pesticide List for the pesticides that you use.

[Update Favorites](#)

[Print Friendly Page](#)

[Export AUL](#)

### Master Pesticide List

Search for a pesticide by entering the whole or partial pesticide name or EPA number in the text box below.

[Search](#) [Reset](#) [Request New Pesticide](#) [Export](#) [Add To AUL](#)

Check to Add	Pesticide Type	Formulation	Pesticide Name	Active Ingredient	EPA Number
<input type="checkbox"/>	Algaecide	Dust/Granule	COPPER SULFATE GRANULATE CRYSTALS	COPPER SULFATE PENTAHYDRATE	1109-20
<input type="checkbox"/>	Algaecide	Dust/Granule	CUTRINE PLUS	COPPER SULFATE	8959-12
<input type="checkbox"/>	Algaecide	Liquid	Cutrine Ultra	Copper	8959-53
<input type="checkbox"/>	Algaecide	Solution	K-TEA ALGAECIDE	COPPER SULFATE	1812-307

Section J 1503020  
Pest Control

Manage Pesticide List

Installation Authorized Use List (AUL)

[Instructions](#)

Pesticides approved for Lafayette River Annex

[Check All](#)

Favorites	Pesticide Type	Formulation	Pesticide Name	Active Ingredient	EPA Number
<input type="checkbox"/>	Fumigant	Liquid	Pic-Clor 60EC	Chloropicrin 57%-1,3 Dichloropropene 38%	8536-43-11220
<input type="checkbox"/>	Fungicide	Solution	OXIDATE 27%	HYDROGEN DIOXIDE	70299-2

Check the pesticide you want added to your list

Then click "Add to AUL"

[Update Favorites](#) [Print Friendly Page](#) [Export AUL](#)

Master Pesticide List

Search for a pesticide by entering the whole or partial pesticide name or EPA number in the text box below.

[Search](#) [Reset](#) [Request New Pesticide](#) [Export](#) [Add To AUL](#)

Check to Add	Pesticide Type	Formulation	Pesticide Name	Active Ingredient	EPA Number
<input checked="" type="checkbox"/>	Algaecide	Dust/Granule	COPPER SULFATE GRANULATE CRYSTALS	COPPER SULFATE PENTAHYDRATE	1109-20
<input type="checkbox"/>	Algaecide	Dust/Granule	CUTRINE PLUS	COPPER SULFATE	8959-12
<input type="checkbox"/>	Algaecide	Liquid	Cutrine Ultra	Copper	8959-53
<input type="checkbox"/>	Algaecide	Solution	K-TEA ALGAECIDE	COPPER SULFATE	1812-307

Manage Pesticide List

Installation Authorized Use List (AUL)

[Instructions](#)

Pesticides approved for Lafayette River Annex

[Check All](#)

Favorites	Pesticide Type	Formulation	Pesticide Name	Active Ingredient	EPA Number
<input type="checkbox"/>	Fumigant	Liquid	Pic-Clor 60EC	Chloropicrin 57%-1,3 Dichloropropene 38%	8536-43-11220
<input type="checkbox"/>	Fungicide	Solution	OXIDATE 27%	HYDROGEN DIOXIDE	70299-2

An email will be automatically sent to your installation's Applied Biology POC requesting approval. Once approved, it will be added to your list.

[Update Favorites](#) [Print Friendly Page](#) [Export AUL](#)

Master Pesticide List

Search for a pesticide by entering the whole or partial pesticide name or EPA number in the text box below.

[Search](#) [Reset](#) [Request New Pesticide](#) [Export](#) [Add To AUL](#)

Check to Add	Pesticide Type	Formulation	Pesticide Name	Active Ingredient	EPA Number
<input checked="" type="checkbox"/>	Algaecide	Dust/Granule	COPPER SULFATE GRANULATE CRYSTALS	COPPER SULFATE PENTAHYDRATE	1109-20
<input type="checkbox"/>	Algaecide	Dust/Granule	CUTRINE PLUS	COPPER SULFATE	8959-12
<input type="checkbox"/>	Algaecide	Liquid	Cutrine Ultra	Copper	8959-53
<input type="checkbox"/>	Algaecide	Solution	K-TEA ALGAECIDE	COPPER SULFATE	1812-307

Section J 1503020  
Pest Control

Manage Pesticide List

Installation Authorized Use List (AUL)

[Instructions](#)

Pesticides approved for Lafayette River Annex

[Check All](#)

Favorites	Pesticide Type	Formulation	Pesticide Name	Active Ingredient	EPA Number
<input type="checkbox"/>	Fumigant	Liquid	Pic-Clor 60EC	Chloropicrin 57%-1,3 Dichloropropene 38%	8536-43-11220
<input type="checkbox"/>	Fungicide	Solution	OXIDATE 27%	HYDROGEN DIOXIDE	70299-2

If a pesticide you want to use is **NOT** on the Master Pesticide List, then click on the "Request New Pesticide" button to enter a pesticide for approval.

Update Favorites

Print Friendly Page

Export AUL

Master Pesticide List

Search for a pesticide by entering the whole or partial pesticide name or EPA number in the text box below.

Search

Reset

Request New Pesticide

Export

Add To AUL

Check to Add	Pesticide Type	Formulation	Pesticide Name	Active Ingredient	EPA Number
<input type="checkbox"/>	Algaecide	Dust/Granule	COPPER SULFATE GRANULATE CRYSTALS	COPPER SULFATE PENTAHYDRATE	1109-20
<input type="checkbox"/>	Algaecide	Dust/Granule	CUTRINE PLUS	COPPER SULFATE	8959-12
<input type="checkbox"/>	Algaecide	Liquid	Cutrine Ultra	Copper	8959-53
<input type="checkbox"/>	Algaecide	Solution	K-TEA ALGAECIDE	COPPER SULFATE	1812-307

## NEW PESTICIDE REQUEST

New Pesticide Request

Please enter the pesticide you would like added to the approved pesticide list.

Pesticide Trade Name	<input type="text"/>		
Formulation	<input type="text"/>		
Pesticide Active Ingredient	Active Ingredient	Concentration	
	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	
<input type="checkbox"/> Check here if the pesticide comes in packets/ stations/ briquets/ other, enter the Weight per Unit in the third column.			
EPA Registration # or Other #	<input type="text"/>		
If the pesticide is classified as a 25b pesticide, enter "25 (b) exempt" as the EPA Number.			
Pesticide Type	<input type="text"/>		
Signal Word	<input type="text"/>		
Restricted Use	<input type="checkbox"/>		
Comments	<input type="text"/>		

Fill in the requested information and the Planned Pesticide Use (PPU) Sheet (on next slide) from the label for the new pesticide you want to add to your list.

The active ingredient information will look like this initially and then based on what formulation you choose, will ask for either "% active ingredient" or "lb of ai per gal". If the pesticide has multiple active ingredients, be sure to list each one in the rows provided.

If the pesticide comes in a packet, bait station, etc., click on the box and you will be asked to enter in the weight per unit. If the packet has multiple active ingredients, enter the same weight in each row.



**TEMPO®**  
ULTRA

**SC**

## NEW PESTICIDE REQUEST Active Ingredient Concentration

**INSECTICIDE**

*Specimen Label*

**SHAKE WELL BEFORE USING**

For Pest Management Professionals and Commercial Use Only.

**ACTIVE INGREDIENT:**

$\beta$ -Cyfluthrin, Cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethyl-cyclopropanecarboxylate ..... 11.8%

**OTHER INGREDIENTS:** ..... 88.2%

**Total:** ..... 100.0%

Contains 1 lb cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate per gallon.

**SHAKE WELL BEFORE USING**

EPA Reg. No. 432-1363

EPA Est. No. 11556-KS-1, 432-TX-1, 3125-MO-1

**STOP - Read The Label Before Use.**

**Keep out of reach of children.**

### CAUTION

#### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash before reuse.

If the pesticide is a solid, or lbs of ai per gal is not listed on the label, enter in ai% →  
Ex. 11.8%

If the pesticide is a liquid, enter in lbs of ai per gal →  
Ex. 1 lb ai/gal

Planned Pesticide Use (PPU) Sheet

## NEW PESTICIDE REQUEST

1. Activity Name (JAC) Lafayette River Annex

2. Objective

A. Target Pest:

<input type="checkbox"/> Algae and Aquatic Weeds	<input type="checkbox"/> Fire Ants	<input type="checkbox"/> Mosquitoes - Larva/pupal
<input type="checkbox"/> Air Pests	<input type="checkbox"/> Fish	<input type="checkbox"/> Nematodes
<input type="checkbox"/> Ants, nuisance	<input type="checkbox"/> Fleas	<input type="checkbox"/> Opossums
<input type="checkbox"/> Aphids	<input type="checkbox"/> Fox	<input type="checkbox"/> Other Pests
<input type="checkbox"/> Bats	<input type="checkbox"/> Gophers	<input type="checkbox"/> Pillbugs and Sowbugs
<input type="checkbox"/> Bed Bugs	<input type="checkbox"/> Grasses	<input type="checkbox"/> Raccoons
<input type="checkbox"/> Birds	<input type="checkbox"/> Ground Beetles	<input type="checkbox"/> Rats
<input type="checkbox"/> Broad-leaved Weeds	<input type="checkbox"/> Ground Squirrels	<input type="checkbox"/> Scale Insects
<input type="checkbox"/> Carpenter Ants	<input type="checkbox"/> Groundhogs	<input type="checkbox"/> Scorpions
<input type="checkbox"/> Carpenter Bees	<input type="checkbox"/> Gypsy Moths	<input type="checkbox"/> Silverfish
<input type="checkbox"/> Caterpillars	<input type="checkbox"/> Horse and Deer Flies	<input type="checkbox"/> Snakes
<input type="checkbox"/> Cats	<input type="checkbox"/> House and Felt Flies	<input type="checkbox"/> Spiders
<input type="checkbox"/> Centipedes and Millipedes	<input type="checkbox"/> Japanese Beetles	<input type="checkbox"/> Squirrels
<input type="checkbox"/> Cockroaches	<input type="checkbox"/> Lice	<input type="checkbox"/> Stored Product Pests
<input type="checkbox"/> Crickets	<input type="checkbox"/> Lizards	<input type="checkbox"/> Subterranean Termites
<input type="checkbox"/> Darkling Beetles	<input type="checkbox"/> Mice	<input type="checkbox"/> Ticks, Chiggers and Mites
<input type="checkbox"/> Decay Fungi	<input type="checkbox"/> Midges, Sand and Black Flies	<input type="checkbox"/> Turf/Ornamental Insects
<input type="checkbox"/> Diseases of Ornamental and Turf	<input type="checkbox"/> Mites	<input type="checkbox"/> Vertebrates, miscellaneous
<input type="checkbox"/> Dogs	<input type="checkbox"/> Mixed Grasses and Weeds	<input type="checkbox"/> Wasps, Bees and Hornets
<input type="checkbox"/> Drywood Termites	<input type="checkbox"/> Mole Crickets	<input type="checkbox"/> Wood Boring Beetles
<input type="checkbox"/> Earwigs	<input type="checkbox"/> Moles	<input type="checkbox"/> Woody Vegetation
<input type="checkbox"/> Filter and Drain Flies	<input type="checkbox"/> Mosquitoes - Adult	

B. Purpose:

<input type="checkbox"/> AGRICULTURE	<input type="checkbox"/> HEALTH PROTECTION	<input type="checkbox"/> PREVENT STRUCTURAL DAMAGE
<input type="checkbox"/> APPEARANCE	<input type="checkbox"/> LAWN TURF DAMAGE	<input type="checkbox"/> PROTECT ORNAMENTAL PLANTS
<input type="checkbox"/> APPEARANCE/DRAINAGE	<input type="checkbox"/> LAWN/TURF PESTS	<input type="checkbox"/> SECURITY
<input type="checkbox"/> BARE GROUND	<input type="checkbox"/> LAWN/TURF PROTECTION	<input type="checkbox"/> STING PREVENTION
<input type="checkbox"/> BARE GROUND/SECURITY	<input type="checkbox"/> MAINTENANCE	<input type="checkbox"/> SURVEILLANCE
<input type="checkbox"/> DECREASE MOVING	<input type="checkbox"/> NUISANCE	<input type="checkbox"/> WEED CONTROL
<input type="checkbox"/> DRAINAGE	<input type="checkbox"/> NUISANCE/HEALTH	<input type="checkbox"/> WILD LIFE MANAGEMENT

3. Pesticide

A. Trade Name:

B. Common Name:  (Optional)

C. EPA Reg. No.:

D. Formulation:

E. Application:  (Optional)

4. Application

A. Site:

5. Sensitive Areas

<input type="checkbox"/> NA	<input type="checkbox"/> Endangered species habitat
<input type="checkbox"/> Agricultural crops	<input type="checkbox"/> Food service areas
<input type="checkbox"/> Aquatics	<input type="checkbox"/> Hospital/Clinic
<input type="checkbox"/> Bee hives	<input type="checkbox"/> Wetlands
<input type="checkbox"/> CDC Schools	<input type="checkbox"/> Other
<input type="checkbox"/> Critical habitat	

6. Remarks:

Once completed, click on the "Submit" button and then e-mail or fax a copy of the label to your installation's Applied Biology POC



Section J 1503020  
Pest Control

**New Pesticide Management Record**

Directions:  
1. Select the installation and fill in the Office/Contractor, if applicable.  
2. Fill in a separate form for each pest management operation. For pesticide applications, the pounds of active ingredient (PAI) will be calculated automatically based on the data you enter.

Installation Name:   
Department/Company:   
Office/Contractor (optional):

☐ Negative Report

Contract or In-House:   
Application Date:   
Inside or Outside:   
Facility: Building # or Area:   
Operation:   
Site:   
Pest:   
Applicator Name:   
Pesticide Trade Name:   
Pesticide Active Ingredient:   
EPA Registration # or Other #:   
Formulation:   
Area Treated:   
Quantity of undiluted product applied (from the pesticide container):   
Quantity of dilutant (water, oil, etc) applied (if needed):   
PAI\*: Will be automatically calculated for the appropriate Operations\*  
Comments:   
Additional Comments (Optional):

\* Whatever is currently in the following fields will now be the default entry when the page is opened: Contract or In-House, Application Date, Inside or Outside, Operation, Site, Pest. If you want the current date to continue to load into the other default values are loaded, save the Application Date as a history.

## ENTERING A RECORD

If you are responsible for more than one installation, select the installation where the pesticide application took place.

Checkmark the "Negative Report" box if you did not apply pesticides for the month, but want us to know that you are reporting.

For non-chemical pest management operations, PAI will not be calculated.

You can create an applicator list for your installation, so that you don't have to enter in the names for each record.

Once your installation pesticide list has been built, you will be able to pick a pesticide from this list.

Pounds of Active Ingredient (PAI) will be automatically calculated.

After entering the info, submit it in order to save the record. Once this is done, everyone that has authorization to view the records can see the application record. Therefore, the reporting requirement is complete.

### EXAMPLE 1: ENTERING A RECORD FOR A LIQUID

Contract or In-House:

Application Date:

Inside or Outside:

Facility: Building # or Area:

Operation:  \* - No PAI will be calculated  
\*\* - A PAI will be calculated if a pesticide is selected

Site:

Pest:

Applicator Name:  [Create Applicator List](#)

Pesticide Trade Name:  [Find Pesticide](#)

Pesticide Active Ingredient:

EPA Registration # or Other #:

Formulation:

Area Treated:

Quantity of undiluted product applied (from the pesticide container):

Quantity of dilutant (water, oil, etc) applied (if needed):

PAI\*: Will be automatically calculated for the appropriate Operations\*

Enter in how much undiluted product (chemical) you applied. This is a required field.

Enter in how much dilutant you mixed the undiluted product with (if applicable). This is not a required field and you would not need to use it for RTU pesticides, baits, etc.

What if I make up a 2-gal spray can and just use a part of it for a particular job? (Liquid concentrate mixed into water)

Example: I am using Suspend SC to control ants. The label says to mix 0.75 fl. oz. per gallon. I used 3 fl. oz. of the mixed product to control the ants. What would I enter into the record?

**Quantity of undiluted product: 0.0175 fl oz**

$$\frac{0.75 \text{ fl oz}}{1 \text{ gal}} \times \frac{1 \text{ gal}}{128 \text{ fl oz}} \times 3 \text{ fl oz} = 0.0175 \text{ fl oz}$$

From the label      Conversion from gallons to fl oz      Amount of mixed product      Quantity of undiluted product for 3 fl oz of mixed pesticide

**Quantity of diluted product: 3 fl oz**

### EXAMPLE 2: ENTERING A RECORD FOR A WETTABLE POWDER

Contract or In-House:	<input type="text" value="Contract"/>
Application Date:	<input type="text" value="11/07/2012"/>
Inside or Outside:	<input type="text" value="Inside"/>
Facility: Building # or Area	<input type="text" value="Jack's Cubicle"/>
Operation:	<input type="text" value="Manual Pesticide Application"/> <small>* - No PAI will be calculated ** - A PAI will be calculated if a pesticide is selected</small>
Site:	<input type="text" value="Office/Administrative Areas"/> <input type="button" value="Save Defaults*"/> <input type="button" value="Clear Defaults"/>
Pest:	<input type="text" value="Ants, nuisance"/>
Applicator Name:	<input type="text" value="Bug Getter"/> <a href="#">Create Applicator List</a>
Pesticide Trade Name:	<input type="text" value="Cynoff WP - (279-3070)"/> <a href="#">Find Pesticide</a>
Pesticide Active Ingredient:	Cypermethrin
EPA Registration # or Other #:	279-3070
Formulation:	Wettable Powder
Area Treated:	<input type="text" value="20"/> <input type="text" value="Square Feet"/>
Quantity of undiluted product applied (from the pesticide container)	<input type="text" value="0.33"/> <input type="text" value="Ounces"/>
Quantity of dilutant (water, oil, etc) applied (if needed)	<input type="text" value="1"/> <input type="text" value="Gallons"/>
PAI*:	Will be automatically calculated for the appropriate Operations*

Enter in how much undiluted product (chemical) you applied. In this case, the label calls for 0.33 oz per 1 gallon.

Enter in how much dilutant you mixed the undiluted product with (if applicable).



What if I make up a 2-gal spray can and just use a part of it for a particular job? (Solid concentrate mixed into water)

Example: I am using Cynoff WP to control ants. The label says to mix 0.33 oz. per gallon. I used 3 fl. oz. of the mixed product to control the ants. What would I enter into the record?

**Quantity of undiluted product: 0.0077 oz**

$$\frac{0.33 \text{ oz}}{1 \text{ gal}} \times \frac{1 \text{ gal}}{128 \text{ fl oz}} \times 3 \text{ fl oz} = 0.0077 \text{ oz}$$

From the label      Conversion from gallons to fl oz      Amount of mixed product      Quantity of undiluted product for 3 fl oz of mixed pesticide

**Quantity of diluted product: 3 fl oz**

### EXAMPLE 3: ENTERING A RECORD FOR A WETTABLE POWDER IN PACKETS

Contract or In-House:	<input type="text" value="Contract"/>
Application Date:	<input type="text" value="11/07/2012"/>
Inside or Outside:	<input type="text" value="Outside"/>
Facility: Building # or Area	<input type="text" value="Admiral's Lawn"/>
Operation:	<input type="text" value="Power Pesticide Application"/> * - No PAI will be calculated ** - A PAI will be calculated if a pesticide is selected
Site:	<input type="text" value="Turf/Lawns"/> <input type="button" value="Save Defaults*"/> <input type="button" value="Clear Defaults"/>
Pest:	<input type="text" value="Mixed Grasses and Weeds"/>
Applicator Name:	<input type="text" value="Joe Dirt"/> <a href="#">Create Applicator List</a>
Pesticide Trade Name:	<input type="text" value="Dimension Ultra 40WP - (62719-445)"/> <a href="#">Find Pesticide</a>
Pesticide Active Ingredient:	Dithiopyr
EPA Registration # or Other #:	62719-445
Formulation:	Suspension
Area Treated:	<input type="text" value="1"/> <input type="text" value="Acres"/>
Quantity of undiluted product applied (from the pesticide container)	<input type="text" value="2"/> <input type="text" value="Packet(s)"/> Weight: <input type="text" value="0.3125"/> <input type="text" value="Pounds/Each"/>
Quantity of dilutant (water, oil, etc) applied (if needed)	<input type="text" value="25"/> <input type="text" value="Gallons"/>
PAI*:	Will be automatically calculated for the appropriate Operations*

Enter in how many packets you used. The weight per packet should automatically populate, if not you need to enter it in based on your label.

Enter in how much dilutant you mixed the packets with.

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**EXAMPLE 4: ENTERING A RECORD FOR AN AEROSOL**

Contract or In-House:	<input type="text" value="Contract"/>
Application Date:	<input type="text" value="11/07/2012"/>
Inside or Outside:	<input type="text" value="Outside"/>
Facility: Building # or Area	<input type="text" value="CDC Playground"/>
Operation:	<input type="text" value="Manual Pesticide Application"/> * - No PAI will be calculated ** - A PAI will be calculated if a pesticide is selected
Site:	<input type="text" value="Child Development Center"/> <input type="button" value="Save Defaults*"/> <input type="button" value="Clear Defaults"/>
Pest:	<input type="text" value="Wasps, Bees and Hornets"/>
Applicator Name:	<input type="text" value="Joe Dirt"/> <a href="#">Create Applicator List</a>
Pesticide Trade Name:	<input type="text" value="Wasp-Freeze - (499-362)"/> <a href="#">Find Pesticide</a>
Pesticide Active Ingredient:	D-Trans Allethrin, Phenothrin / Phenothrin
EPA Registration # or Other #:	499-362
Formulation:	Aerosol
Area Treated:	<input type="text" value="250"/> <input type="text" value="Square Feet"/>
Quantity of undiluted product applied (from the pesticide container)	<input type="text" value="12"/> <input type="text" value="Ounces"/>
Quantity of dilutant (water, oil, etc) applied (if needed)	<input type="text"/> <input type="text"/>
PAI*:	Will be automatically calculated for the appropriate Operations*

In this example, we used the entire 12 oz. can. If you did not use the whole can, enter in your best estimate of how much you used.

There is no dilutant for an aerosol, so leave this blank.

**EXAMPLE 5: ENTERING A RECORD FOR A BAIT STATION**

Contract or In-House:	<input type="text" value="Contract"/>
Application Date:	<input type="text" value="11/07/2012"/>
Inside or Outside:	<input type="text" value="Inside"/>
Facility: Building # or Area	<input type="text" value="Jack's Cubicle"/>
Operation:	<input type="text" value="Manual Pesticide Application"/> * - No PAI will be calculated ** - A PAI will be calculated if a pesticide is selected
Site:	<input type="text" value="Office/Administrative Areas"/> <input type="button" value="Save Defaults*"/> <input type="button" value="Clear Defaults"/>
Pest:	<input type="text" value="Cockroaches"/>
Applicator Name:	<input type="text" value="Bug Getter"/> <a href="#">Create Applicator List</a>
Pesticide Trade Name:	<input type="text" value="Maxforce Roach Bait - (432-1257)"/> <a href="#">Find Pesticide</a>
Pesticide Active Ingredient:	Fipronil
EPA Registration # or Other #:	432-1257
Formulation:	Bait
Area Treated:	<input type="text" value="20"/> <input type="text" value="Square Feet"/>
Quantity of undiluted product applied (from the pesticide container)	<input type="text" value="1"/> <input type="text" value="Bait Station(s)"/> Weight: <input type="text" value="0.003125"/> <input type="text" value="Pounds/Each"/>
Quantity of dilutant (water, oil, etc) applied (if needed)	<input type="text"/> <input type="text"/>
PAI*:	Will be automatically calculated for the appropriate Operations*

Enter in the number of bait stations you used. The weight per station should automatically populate, if not you need to enter it in based on your label.

There is no dilutant for a bait station, so leave this blank.

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### EXAMPLE 6: ENTERING A RECORD FOR A GEL

Contract or In-House:	<input type="text" value="Contract"/>
Application Date:	<input type="text" value="11/07/2012"/>
Inside or Outside:	<input type="text" value="Inside"/>
Facility: Building # or Area	<input type="text" value="Bldg 75"/>
Operation:	<input type="text" value="Manual Pesticide Application"/> * - No PAI will be calculated ** - A PAI will be calculated if a pesticide is selected
Site:	<input type="text" value="Office/Administrative Areas"/> <input type="button" value="Save Defaults*"/> <input type="button" value="Clear Defaults"/>
Pest:	<input type="text" value="Cockroaches"/>
Applicator Name:	<input type="text" value="Roach Runner"/> <a href="#">Create Applicator List</a>
Pesticide Trade Name:	<input type="text" value="Advion Cockroach Gel Bait - (352-652)"/> <a href="#">Find Pesticide</a>
Pesticide Active Ingredient:	Indoxacarb
EPA Registration # or Other #:	352-652
Formulation:	Bait
Area Treated:	<input type="text" value="200"/> <input type="text" value="Square Feet"/>
Quantity of undiluted product applied (from the pesticide container)	<input type="text" value="1.058"/> <input type="text" value="Ounces"/>
Quantity of dilutant (water, oil, etc) applied (if needed)	<input type="text"/> <input type="text"/>
PAI*:	Will be automatically calculated for the appropriate Operations*

In this example, we used the entire 1.058 oz. tube. If you did not use the whole tube, enter in your best estimate of how much you used.

There is no dilutant for a gel, so leave this blank.

### VIEW RECORDS

NAVFAC Online Pesticide Reporting System

Welcome John Doe!

Enter Record View Records Manage Pesticide List IPUP Contact

All Installations

From  To

The top 50 most recent records are shown. Please select an installation or enter a date range to more precisely filter the results.

	Application Date	Installation Name	Department/ Company	Office	Contract / In-House	Inside / Outside	Facility	Operation	Site	Pest
<a href="#">Select</a>	10/12/2012	Craney Island, FISC	LB&B Associates		Contract	Outside	Poles	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weed
<a href="#">Select</a>	10/12/2012	Craney Island, FISC	LB&B Associates		Contract	Outside	Poles	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weed
<a href="#">Select</a>	10/11/2012	Craney Island, FISC	LB&B Associates		Contract	Outside	Poles	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weed
<a href="#">Select</a>	10/11/2012	Craney Island, FISC	LB&B Associates		Contract	Outside	Poles	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weed
<a href="#">Select</a>	10/10/2012	Craney Island, FISC	LB&B Associates		Contract	Outside	Poles	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weed
<a href="#">Select</a>	10/10/2012	Craney Island, FISC	LB&B Associates		Contract	Outside	Poles	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weed
<a href="#">Select</a>	10/05/2012	Craney Island, FISC	LB&B Associates		Contract	Outside	Berms, Fence Line, Poles	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weed
<a href="#">Select</a>	10/04/2012	Craney Island, FISC	LB&B Associates		Contract	Outside	476.477.478.479	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weed
<a href="#">Select</a>	10/03/2012	Craney Island, FISC	LB&B Associates		Contract	Outside	Berms, Fence	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weed
<a href="#">Select</a>	10/02/2012	Craney Island, FISC	LB&B Associates		Contract	Outside	Berms, Fence	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weed

The top 50 most recent records will automatically be displayed

You can view records by Department, Office and also Date...choose what you would like to view, then click "Go".

You can also have your requested data exported to an Excel spreadsheet.

It's a good idea to do this once a month to keep an archive of records just in case!

## VIEW RECORDS

Your request will return a list of pesticide applications for the installation and date range specified.

The screenshot displays the NMVAC Online Pesticide Reporting System interface. At the top, there is a navigation bar with links: Enter, View Records, Manage Pesticide List, IPMP, Contact, and Log off. Below this, a search filter section includes a dropdown menu for 'Crane Island, FISC', two dropdown menus for 'All Departments' and 'All Offices', and date range inputs 'From 10/1/11' and 'To 10/1/12'. A 'Go' button and an 'Export' button are also present. A message states: '50 records from 10/1/11 to 10/1/12 are shown for Crane Island, FISC.' Below the filters is a table with the following columns: Application Date, Installation Name, Department/Company, Office, Contract / In-House, Inside / Outside, Facility, Operation, Site, and Pest. The table contains 10 rows of data, each with a 'Select' link in the first column. A red arrow points from the 'Select' link in the first row to a text box that says: 'You can view a specific record by clicking "Select"'.

	Application Date	Installation Name	Department/Company	Office	Contract / In-House	Inside / Outside	Facility	Operation	Site	Pest
<a href="#">Select</a>	10/01/2012	Crane Island, FISC	LB&B Associates		Contract	Outside	Berms, 501	Power Pesticide Application	Piers/Waterfront Sites	Carpenter Ants
<a href="#">Select</a>	09/25/2012	Crane Island, FISC	LB&B Associates		Contract	Outside	South Perimeter Rd., Berms	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weeds
<a href="#">Select</a>	09/24/2012	Crane Island, FISC	LB&B Associates		Contract	Outside	478, 479, 477 Berms	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weeds
<a href="#">Select</a>	09/22/2012	Crane Island, FISC	LB&B Associates		Contract	Outside	CI-64, 142, 72, 24, Berms	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weeds
<a href="#">Select</a>	09/21/2012	Crane Island, FISC	LB&B Associates		Contract	Outside	Oyster Shell Road, CI-62, CI-142	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weeds
<a href="#">Select</a>	09/20/2012	Crane Island, FISC	LB&B Associates		Contract	Outside	Fence Line, CI 288, Parking Lot	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weeds
<a href="#">Select</a>	09/19/2012	Crane Island, FISC	LB&B Associates		Contract	Outside	Berms, Fence line	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weeds
<a href="#">Select</a>	09/18/2012	Crane Island, FISC	LB&B Associates		Contract	Outside	Berms	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weeds
<a href="#">Select</a>	09/13/2012	Crane Island, FISC	LB&B Associates		Contract	Outside	Tops of Burms, Guard House, Fenceline	Power Pesticide Application	Piers/Waterfront Sites	Broad-leaved Weeds
<a href="#">Select</a>	09/12/2012	Crane Island, FISC	LB&B Associates		Contract	Outside	473, 474	Power Pesticide Annihilation	Piers/Waterfront Sites	Broad-leaved Weeds

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## EDITING A RECORD

**Edit Record**

Directions:  
1. Select the installation and fill in the Office/Contractor, if applicable.  
2. Fill in a separate form for each pest management operation. For pesticide applications, the pounds of active ingredient (PAI) will be calculated automatically based on the data you enter.

Installation Name:

Department/Company:

Office/Contractor (optional):

**Negative Report**

Contract or In-House:

Application Date:

Inside or Outside:

Facility Building # or Area:

Operation:  \*\* - No PAI will be calculated  
\*\*\* - A PAI will be calculated if a pesticide is selected

Site:

Pest:

Applicator Name:  Click on Applicator List

Pesticide Trade Name:

Pesticide Active Ingredient:

EPA Registration # or Other #:

Formulation:

Area Treated:

Quantity of Final Product Applied:

Final Concentration (%):

PAI:

Comments:

Additional Comments (Optional):

\* If whatever is currently in the following fields will now be the default entries when the page is opened: Contract or In-House, Application Date, Inside or Outside, Operation, Site, Pest, if you click on the current date to continue to load while the other default values are loaded, save the Application Date as a new record.

Once you select a record to view, you are able to edit that record if needed.

Save changes when you are done.

## CONTACT

Enter Record View Records Manage Pesticide List IPMP **Contact** Log off

Management Pesticides Management Users IPMP Management Installations

Welcome Sabra Scheffel! 07/23/2018

**Contact Information**

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**For technical questions or problems using the website, contact:**

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If you need assistance, click the contact button and it will provide contact information.



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Attachment J-1503020-15  
Pesticide Reporting System

Reporting System						
Report Date :	9/13/2022 9:34:01 AM					
Pesticides approved for :	Bridgeport, MWTC					
61 records						
Favorites	FAV	PestType	Formulation	PesticideName	EPANbr	ActiveIngredient
	False	Insect Growth Regulator	Briquets	Altosid Briquets	2724-375-50809	Methoprene
	False	Insect Growth Regulator	Granules/Pellets	ALTOSID PELLETS	2724-448	METHOPRENE
	False	Insect Growth Regulator	Granules/Pellets	Altosid Pro-G / XR-G	2724-451	Methoprene
	False	Insect Growth Regulator	Aerosol	Gentrol Aerosol	2724-484	(s)-Hydroprene
	False	Insect Growth Regulator	Concentrate	Gentrol EC IGR	2724-351	Hydroprene
	False	Insect Growth Regulator	Aerosol	Precor 200 Premise Spray	2724-483	Methoprene / Permethrin
	False	Insecticide	Gel	388B Advance	499-492	Borax
	False	Insecticide	Aerosol	565 Plus XLO	499-290	Piperonyl Butoxide / n-Octyl Bicycloheptene Dicarboximide / Pyrethrins
	False	Insecticide	Bait Stations	Advance 360A Dual Choice	499-496	Abamectin
	False	Insecticide	Bait - Solid	Advance Granular Ant Bait	499-370	Abamectin B1
	False	Insecticide	Gel	Cockroach Gel Bait	499-507	Dinotefuran
	False	Insecticide	Gel	Treatment Cockroach Bait	499-406	Abamectin
	False	Insecticide	Dust/Granule*	BORID/Roach Kil	279-3384	BORIC ACID
	False	Insecticide	Aerosol	Cy-Kick	499-470	Cyfluthrin
	False	Insecticide	Encapsulation	Cy-Kick CS	499-304	Cyfluthrin
	False	Insecticide	Dust	DELTA DUST	432-772	Deltamethrin
	False	Insecticide	Solution	Demand CS/ Patrol	100-1066	Lambda-cyhalothrin
	False	Insecticide	Aerosol	EcoPCO ACU	62577-12	2-Phenethyl Propionate
	False	Insecticide	Gel	Gourmet Ant Bait	73766-1	Disodium Octaborate Tetrahydrate
	False	Insecticide	Granules/Pellets	Intice	73079-2	Orthoboric Acid
	False	Insecticide	Bait - Solid	Max Force Fly Bait	432-1375	Imidacloprid / Tricosene
	False	Insecticide	Bait Stations	Maxforce Ant Killer Bait Station	432-1252	Hydramethylnon
	False	Insecticide	Gel	Maxforce Ant Killer Gel	432-1264	Fipronil
	False	Insecticide	Granules/Pellets	Maxforce Complete Granular Bait	432-1255	Hydramethylnon
	False	Insecticide	Bait Stations	Maxforce FC Ant Bait Stations	432-1256	Fipronil
	False	Insecticide	Bait - Solid	Maxforce FC Fire Ant Bait	432-1433	Fipronil
	False	Insecticide	Gel	Maxforce FC Roach Bait Gel	432-1259	Fipronil
	False	Insecticide	Bait Stations	Maxforce FC Roach Killer Bait Stations	432-1257	Fipronil
	False	Insecticide	Granules/Pellets	Maxforce Fine Granule Insect Bait	432-1262	hydramethylnon
	False	Insecticide	Bait - Solid	Maxforce Fly Spot Bait	432-1455	Imidacloprid / Tricosene
	False	Insecticide	Bait Stations	MaxForce Large Roach Bait Stations	432-1258	Fipronil
	False	Insecticide	Gel	Maxforce Roach Killer Bait Gel (Reservoir)	432-1254	Hydramethylnon
	False	Insecticide	Bait Stations	Maxforce Roach Killer Small Bait Station	432-1251	Hydramethylnon
	False	Insecticide	Bait - Solid	MotherEarth Scatter Insect Bait	499-515	Boric Acid
	False	Insecticide	Granules/Pellets	NIBAN-FG	64405-2	Orthoboric Acid

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	False	Insecticide	Aerosol	Precor 2000 plus	2724-490	(s)-Methoprene / Permethrin / Phenothrin / N-octyl bicycloheptene dicarboximide / Piperonyl butoxide
	False	Insecticide	Suspension Concentrate	Suspend SC	432-763	Deltamethrin
	False	Insecticide	Solution	TALSTAR FLOWABLE INSECTICIDE/MITICIDE	279-3105	BIFENTHRIN
	False	Insecticide	Solution	Talstar GC Flowable Insecticide/Miticide	279-3156	bifenthrin
	False	Insecticide	Granules/Pellets	TALSTAR GC GRANULAR INSECTICIDE	279-3167	BIFENTHRIN
	False	Insecticide	Granules/Pellets	Talstar PL / Talstar EZ	279-3168	Bifenthrin
	False	Insecticide	Concentrate	Talstar/Crosscheck/Masterline/Avalon	279-3206	Bifenthrin
	False	Insecticide	Dust	Tempo 1% Dust	432-1373	Cyfluthrin
	False	Insecticide	Suspension Concentrate	Tempo SC Ultra	432-1363	Cyfluthrin
	False	Insecticide	Wettable Powder	Tempo Ultra WP	432-1304	Cyfluthrin
	False	Insecticide	Suspension Concentrate	Termidor SC	7969-210	Fipronil
	False	Insecticide	Dust/Granule*	Top Choice	432-1217	Fipronil
	False	Insecticide	Aerosol	TRI-DIE	499-385	Piperonyl butoxide / Silica dioxide / Pyrethrins
	False	Insecticide	Dust	TRI-DIE Silica & Pyrethrins	499-429	Pyrethrins / PIPERONYL BUTOXIDE / Amorphous Silica
	False	Insecticide	Aerosol	Whitmire P. I. Contact Insecticide	499-444	Piperonyl butoxide / Pyrethrins
	False	Rodenticide	Bait - Solid	CONTRAC All Weather Blox	12455-79	Bromadiolone
	False	Rodenticide	Bait - Solid	Contrac All-Weather Cake	12455-34	Bromadiolone
	False	Rodenticide	Bait - Solid	Contrac Rat and Mouse Bait	12455-36	Bromadiolone
	False	Rodenticide	Bait - Solid	Contrac Rodenticide	12455-69	Bromadiolone
	False	Rodenticide	Bait - Solid	CONTRAC RODENTICIDE PLACE PAC	12455-86	BROMADIOLONE
	False	Rodenticide	Bait - Solid	Final All-Weather Blox	12455-89	Brodifacoum
	False	Rodenticide	Bait - Solid	GENERATION MINI BLOCKS	7173-218	DIFETHIALONE
	False	Rodenticide	Bait - Solid	GENERATION RODENTICIDE BAIT PACKS (PELLETS)	7173-211	DIFETHIALONE
	False	Rodenticide	Bait - Solid	Maki Mini Blocks	7173-202	Bromadiolone
	False	Rodenticide	Granules/Pellets	MAKI RAT AND MOUSE BAIT PACKS	7173-188	BROMADIOLONE