

CITY OF MOORPARK

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City of Moorpark Vector Control Division 2018 NPDES Annual Report

Order # 2011-0002-DWQ

NPDES # CAG 990004

Enrollee # 456AP00001

1. **Annual Report**

a. Staff Summary

The City of Moorpark Vector Control Division complied with the applicable components of the General NPDES Permit for Biological and Residual Pesticide Discharges from Vector Control Applications (General Permit). The Division used six different larvicide products for mosquito control in 2018. Copies of the labels for each larvicide, along with the total number of applications for each product and total quantity used in 2018 are listed in the data table on Attachment 1. A map showing the boundaries of the City of Moorpark is included on Attachment 2. All 2018 pesticide applications made by the Division occurred within these boundaries. Applications to possible "Waters of the United States" are marked with a red dot on the map along with the source number treated. Attachment 3 contains a table showing all forty-eight currently known active mosquito sources in Moorpark in addition to an application log listing all pesticide applications made to possible "Waters of the U.S." during the calendar year 2018 beginning on 1/2/18 and ending on 11/1/18. No adulticide applications were made during 2018. The District is a member of the MVCAC NPDES Permit Coalition and the Coalition Annual Report will be sent separately to the SWRCB and Regional Boards. The Division continued to follow the guidelines of its PAP. The visual monitoring completed by the District staff last year found that there was no observable change in water quality before and after any applications.

Summary of Monitoring Data

The district continues to self-monitor each year for any adverse impacts arising from pesticide applications to mosquito sources. No adverse impacts from vector control applications were noticed or reported by any of the individual applicators or reported from other sources such as the public or enforcement/monitoring agencies such as Ventura County Agricultural Commission or Ventura County Watershed Management. No non-compliant applications were performed. The MVCAC coalition report will provide information on the incidence of West Nile virus and other similar public health threats in the Coalition's annual report.

b. BMP Identification

BMP's utilized by the Division are outlined in the Division's PAP which was again updated on 2/12/18. These include: emphasis on reducing mosquito breeding habitat through non-chemical means, training employees to prevent spills and applying appropriate amount of chemical in each treatment area, calibrating application equipment and use of a biological based assessment for determining treatment thresholds. The Division has been able to currently reduce the number of active mosquito sources from a variety of source reduction methods outlined in the PAP. There are currently 45 active mosquito sources listed in Moorpark at the end of 2018, compared to 115 active mosquito sources in Moorpark in 2002.

c. Violation Discussion

No violations of the General Permit were observed.

d. Map of Applications

See Attachment 2. Applications to possible "Waters of the US" are indicated with a red dot.

e. Log of Applications made to Waters of the U.S.

Attachment 3 includes a table/log showing applications to possible "Waters of the US".

f. General Information on Applications

Dosage, concentration and quantity of each pesticide used are derived from the individual pesticide labels. All Division Vector Control staff are licensed through a cooperative agreement with the California Department of Public Health (CDPH). Division staff applies pesticides according to label directions included.

g. Visual Monitoring Data

No adverse impacts from vector control applications were noticed or reported by any of the individual applicators.

h. BMP, PAP, Monitoring Program Recommendations

The Division last amended its PAP on February 12, 2018. A copy of this is also included with this report. There were no recommendations suggested for the monitoring plan.

i. Pesticide Application Log made to Waters of the U.S.

A representation of the pesticide application log is contained in Attachment 3.

j. Updated PAP Components

The Division last reviewed and updated its PAP on 2/12/2018. A copy of this is also included with this report.

k. MVCAC NPDES Permit Coalition 2018 Annual Report

The Coalition Monitoring Annual Report will summarize the direction and outcome of the conversations between the MVCAC and the SWRCB on potential changes to the Vector Control Permit.

Attachment 1

Annual Pesticides Used			
Product	Reg. Number	2018 Applications	2018 Ounces Used
Agnique MMF G	53263-30	3	3.0
Altosid P35	89459-95	59	801.8
Fourstar Briquets	83362-3	14	16.0
Golden Bear 1111	8329-72	405	2,045.7
Vectobac "G"	73049-10	6	250.0
VectoMax "CG"/"FG"	73049-429	8	8.5
Total		495	3,125.0

AGNIQUE[®] MMF

MOSQUITO LARVICIDE & PUPICIDE

Monomolecular Surface Film for Control of Immature Mosquitoes and Midges

CAN BE USED IN: • Habitats Containing Birds, Fish, Pets and Wildlife
• Ponds • Pools • Ditches • Irrigation Water • Potable Water Containers
• Flood Water Areas • Other Areas Where Mosquitoes Breed and Develop
• Biodegradable • Spreads to Cover Hard to Reach Areas



ACTIVE INGREDIENT

Poly (oxy-1,2-ethanediyl), α -(C16-20 branched and linear alkyl)- ω -hydroxy- 100%

EPA Reg. No. 7969-333

EPA Est. No. 53263-OH-001

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID	
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with plenty of water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact BASF Corporation for emergency medical treatment information at 1-800-832-HELP (4357).	

PRECAUTIONARY STATEMENTS

Hazards to Human and Domestic Animals

CAUTION. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

Net Contents: 53 gallons
NVA 2012-24-401-0004

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

Pesticide Storage

DO NOT allow storage containers to rust. Rust contaminants may clog spray nozzles. **DO NOT** allow product to freeze.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal

Nonrefillable container. DO NOT reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state or local authorities.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Intended to be used in governmental mosquito control program, by professional pest control operators, or in other mosquito or midge control operations.

APPLICATION DIRECTIONS

This product may be applied by both ground and aerial applications. To use, calculate the desired rate based on water surface area. The water depth is not a factor in rate determination. Spray the desired rate of **AGNIQUE[®] MMF Mosquito Larvicide & Pupicide** onto the surface of the water. No dilution is required and a fan spray is recommended. **AGNIQUE MMF** will spread to cover hard to access areas. For large areas with dense vegetation, apply in several locations to assist in the spreading action. **DO NOT** pour or inject a stream spray directly into water. **AGNIQUE MMF** is not visible on the surface of the water. Excess **AGNIQUE MMF** on the water surface will form a white globule.

APPLICATION SITES

This product is for the control of immature mosquitoes and midges in areas where they breed and develop. This product may be used in habitats including potable water and irrigation waters, permanent and semi-permanent waters, irrigated croplands and pastures, and waters with outlets to natural water bodies. The following habitats provide examples of where the product can be applied but is not intended to be all inclusive.

Fresh and Brackish Water: Fresh water and salt marshes, ponds, lakes, storm water, drainage systems and retention & detention basins, roadside ditches, grassy swales, flooded fields and pastures, potable water containers,

reservoirs, irrigated croplands, temporary and semi-permanent woodland pools, tidal water, and other areas where water accumulates.

Residential Areas: Ponds, storm water basins, tree holes, rain barrels, landscape and ornamental ponds, tires, storm drains, stationary flower pots, pot holes, gutters, tarps, potable water containers and residential areas where water accumulates and provides ideal breeding habitats for mosquitoes or midges. **Not for Homeowner Use in the States of CA and NY.**

Polluted Waters: Sewage lagoons, percolation ponds, animal waste effluent lagoons, septic ditches, waste treatment facility areas, etc.

Application Rates	Application Rates	
	MOSQUITO HABITAT	MIDGE HABITAT
Fresh and Brackish Water*	0.2 to 1.0 gallons/acre* (2 to 10 liters/hectare)*	0.5 to 1.0 gallons/acre^ (5 to 10 liters/hectare)^
Polluted Waters**	0.35 to 1.0 gallons/acre** (3.5 to 10 liters/hectare)**	0.5 to 1.0 gallons/acre^ (5 to 10 liters/hectare)^

* Use the lower rate (0.2 gallons/acre) when only pupae control is desired and in sites with no emergent vegetation and low organic content.
 * Use higher rates when emergent or surface vegetation is present, due to the wicking action of the product. The more vegetation or the drier the vegetation, the higher the required rate.
 ** Use higher rates in polluted water habitats for effective control.
 ^ Reapply every two weeks during the midge season.

APPLICATION INFORMATION

Rate of Kill: The rate of kill when using **AGNIQUE® MMF Mosquito Larvicide & Pupicide** is dependent on the species, the life stage, the habitat and the temperature. Pupicidal action will typically result in 24 hours. Larvicidal action will usually result in 24 to 96 hours. If the film is present, control will be achieved.

Persistence: The **AGNIQUE MMF** surface film typically persists on the water's surface for 5 to 22 days. Polluted waters will cause more rapid degradation of the film. Higher application rates will prolong film life and extend the interval between retreatment.

Species: Mosquitoes and midges that require little or no surface contact for breathing will be affected by the product during the pupae and emerging adult life stages.

Wind: The high end of the dosage rate is recommended when spraying habitats where multi-directional winds of 10 mph (16 km/hr) or greater are expected to persist. While the film will be pushed by the winds, it will re-spread quickly once the winds have subsided. If persistent unidirectional winds of 10 mph (16 km/hr) or greater are expected, the displacement of the surface film may result in poor control.

Spray Tanks: Thoroughly clean and dry the spray system of contaminants such as petroleum oils, water, detergents and conventional toxicants prior to adding **AGNIQUE MMF**. Detergents will destroy the film-forming of **AGNIQUE MMF**; other contaminants (water and oil) can result in the formation of an unsprayable paste.

Dilution: **AGNIQUE MMF** is typically applied to the water's surface without dilution. However, if it is desired to spray higher volumes of liquid,

AGNIQUE MMF may be diluted using a high shear injection system that dilutes **AGNIQUE MMF** at the nozzle to a maximum of 10% in water. **DO NOT** add **AGNIQUE MMF** to water in nonagitated spray systems. Conventional bypass recirculation will not provide adequate agitation to effectively mix **AGNIQUE MMF** in water. **AGNIQUE MMF** may also be diluted in **AGNIQUE MMF Diluent, Eco-Ash A**, or another appropriate diluent. **AGNIQUE MMF** may be diluted 1 part **AGNIQUE MMF** to 4 parts or greater of diluents. Fill the spray tank or container with the desired amount of **AGNIQUE MMF Diluent, Eco-Ash A**, or another appropriate diluent, and then add the correct amount of **AGNIQUE MMF**. Agitate to ensure a homogeneous solution. When diluting with **AGNIQUE MMF Diluent, Eco-Ash A**, or another appropriate diluent, the use of metering pumps, injector systems or other mixing systems is optional.

Application rates based on two dilution options:

AGNIQUE MMF to Diluent	Application Rate of Diluted Product
1 part to 4 parts	1 to 5 gallons/acre
1 part to 9 parts	2 to 10 gallons/acre

When a different dilution rate is used, adjust the application rate accordingly. **DO NOT** use less than 4 parts diluents to 1 part **AGNIQUE MMF** because it may not form a stable, homogenous solution.

Expanding Waters: Significant expansion of the habitat's surface due to rain or tidal fluxes can be compensated for by using a dosage that is based on the largest expected surface area. This will ensure complete coverage, and eliminate the need for re-treatment of the flooded area.

CONDITIONS OF SALE AND WARRANTY

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product.

Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

PC309



Altosid® P35



An extended residual INSECT GROWTH REGULATOR PRODUCT TO PREVENT ADULT MOSQUITO EMERGENCE (including those mosquitoes that may transmit diseases, including West Nile virus, Dengue, Chikungunya, and Zika virus)

Controls mosquitoes for up to 35 days of continuous wet conditions

Dust free formula

Controls Aedes, Culex, Psorophora, Anopheles, Coquilletidia, Mansonia, Ochlerotatus, and other mosquitoes

Consistent size granule

May be applied to both crop and non-crop sites

KEEP OUT OF REACH OF CHILDREN

CAUTION

NET WT 40 LBS (18.14 kg)

ACTIVE INGREDIENT: (S)-Methoprene (CAS# 65733-16-6) 4.25%
OTHER INGREDIENTS: 95.75%
TOTAL: 100.00%

PRECAUTIONARY STATEMENTS – HAZARDS TO HUMANS AND DOMESTIC ANIMALS – CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Due to the size and abrasiveness of the granule, use protective eyewear and clothing to minimize exposure during loading and handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

FIRST AID

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of rinsate or equipment washwaters.

INTRODUCTION

Altosid® P35 larvicide is used against mosquito larvae in a variety of habitats. **Altosid® P35** provides consistent release of the Insect Growth Regulator (IGR), S-Methoprene to provide residual control for multiple broods for up to 35 days of continuous wet conditions. **Altosid® P35**, when applied to the water column releases effective levels of the IGR to begin affecting larval development thereby preventing adult mosquito emergence. **Altosid® P35** controls the major species of mosquitoes including: Aedes, Anopheles, Psorophora, Culex, Culiseta, Ochlerotatus, Coquilletidia and Mansonia spp.

DIRECTIONS FOR USE: It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

GENERAL DIRECTIONS: **Altosid® P35** begins releasing effective levels of IGR soon after application to inhibit and prevent the emergence of adult mosquitoes for up to 35 days after application. Continue applications throughout the entire season to maintain control. IGR treated larvae continue to develop normally to the pupal stage where they die.

Rotary and fixed-wing aircraft equipped with granular spreaders capable of applying rates listed below may be used to apply **Altosid® P35**. Ground equipment which will achieve even coverage at these rates may also be used. Apply **Altosid® P35** uniformly and repeat application as necessary.

NOTE: **Altosid® P35** has no effect on mosquitoes which have reached the pupal or adult stage prior to treatment.

APPLICATION TIMING: Apply **Altosid® P35** at any stage of larval mosquito development. Granules may be applied 7 to 15 days prior to flooding (i.e., "pre-hatch" or "pre-flood") in areas which flood. In such areas, one application of **Altosid® P35** can prevent adult mosquito emergence from several subsequent wetting events. The actual length of control depends on the duration and frequency of wetting events.

APPLICATION RATES: **Altosid® P35** controls the major species of mosquitoes including: Aedes, Anopheles, Psorophora, Culex, Culiseta, Coquilletidia and Mansonia spp. Apply **Altosid® P35** at 2.5 - 20 lb/acre (5.6 - 11.2 kg/ha). Within these ranges, use lower rates when water is shallow (< 6"-12") and vegetation and/or organic matter are minimal. Use higher rates when water is deep (> 1 foot) and/or vegetation and organic matter are heavy. In water depths greater than 2 feet, double the application rate for each subsequent foot of water. Depending on water depth and degree of organic matter, lower use rates may be used. IGR residual. Application of **Altosid® P35** to be subject to water flow.

facilities, livestock runoff lagoons, retention ponds, harvested timber stacks, swales, storm water drainage areas, sewers, catch basins, tree holes, animal watering troughs, water-holding receptacles (e.g., tires, urns, bird baths, flower pots, cans, and other containers), irrigated and non-irrigated pastures, hoof prints and other natural and manmade water-holding sites, containers and depressions. Examples of crop areas include: irrigated croplands, pastures, rangeland, vineyards, rice fields (domestic and wild), date palm, citrus, fruit and nut orchards, berry fields, bogs and row crops.



STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. **Pesticide Storage:** Store closed containers in a cool, dry place. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Handling (Plastic Container):** Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. **(Paper/Plastic Bags):** Nonrefillable container. Do not reuse or refill this container. Completely empty container into application equipment. Then offer for recycling if available or dispose of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. **(For refillable totes):** Refillable container. Refill this container with this product only. Do not reuse this container for any other purpose. Return empty container to Central Garden & Pet Company (Central Life Sciences) for cleaning and recycling. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. If the container is not returned, completely empty container by tapping sides and bottom to loosen material. Then offer for recycling if available or dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

For information, call 1-800-248-7763 or visit our Web site:
www.centralmosquitocontrol.com

WARRANTY

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The Directions for Use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Central Garden & Pet Company. All such risks shall be assumed by the users or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Central Garden & Pet Company makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Central Garden & Pet Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Central Garden & Pet Company disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries, or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Central Garden & Pet Company's election, the replacement of product.



Briquets

Specimen Label

Sustained Release 45 Day Microbial Briquets

ACTIVE INGREDIENTS:

* <i>Bacillus sphaericus</i> 2362, Serotype H5a5b, Strain AML614	6.00%
fermentation solids, spores and insecticidal toxins	
** <i>Bacillus thuringiensis</i> subspecies <i>israelensis</i> Strain BMP 144	1.00%
fermentation solids, spores and insecticidal toxins	

OTHER INGREDIENTS:	93.00%
TOTAL:	100.00%

* Equivalent to 60 Bs ITU/mg and **70 ITU/mg respectively. The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION:

Harmful if inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

ENVIRONMENTAL HAZARDS:

Do not apply to treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption.

FIRST AID	
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth to mouth if possible. • Call poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call poison control center or doctor for treatment advice.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing eyes. • Call poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information.	

DIRECTIONS FOR USE

It is a violation of Federal law to apply this product in a manner inconsistent with its labeling.

APPLICATION DIRECTIONS

FourStar[®] Briquets are a highly selective microbial insecticide effective against mosquitoes in a variety of habitats for up to 180 days or more. **FourStar[®] Briquets** release effective levels of *Bacillus sphaericus* and *Bacillus thuringiensis* subspecies *israelensis* to the water surface over time as the briquet dissolves.

APPLICATION SITES

FourStar[®] Briquets can be applied to areas that contain aquatic life, fish and plants, as well as areas used by or in contact with humans, animals, horses, livestock, pets, birds or wildlife. Examples of application sites include, but are not limited to: storm drains, catch basins, underground drainage systems, storm water retention areas, retention ponds, abandoned swimming pools, ornamental fountains and ponds, fish ponds, water gardens, animal drinking troughs, standing water, water holding receptacles, man-made and natural sites where mosquitoes may develop.

APPLICATION RATES

For control of mosquito larvae, place one (1) briquet in sites up to 100 square feet of surface area. For large sites, apply 1 additional briquet for each additional 100 square feet of water surface, regardless of water depth. When mosquito populations are high, water is heavily polluted, and/or algae are abundant, double the above application rate.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place.

Pesticide Disposal: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Nonrefillable container. Do not reuse or refill empty carton or packaging material. Offer for recycling if available or crush and discard carton in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

NOTICE TO USER

Seller makes no warranty express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with label instructions.

Always read the label before using this product. For product information, call 1-800-248-7763 or visit our web site: www.fourstarmicrobials.com



Manufactured for: B2E Microbials LLC
 DBA FourStar Microbials LLC
 1501 East Woodfield Road, #200W
 Schaumburg, Illinois 60173 U.S.A.
 FourStar and the FourStar design are trademarks of B2E Microbials LLC | Made in USA
 EPA Reg. No. 83362-3 | EPA Est. No. 86894-OR-1
 ©2013 FourStar | U.S. Patent No. 7837988

Mosquito Larvicide GB-1111

**Precautionary Statements
Hazards to Humans
(& Domestic Animals)**

CAUTION

Contains Petroleum Distillate

**Contact May Irritate Skin.
Causes Eye Irritation.
Potential Inhalation Hazard.**

Avoid contact with eyes, skin and clothing. Wear goggles and rubber gloves. Use with adequate ventilation. Avoid breathing vapor or spray mist. Wash thoroughly after handling. Remove contaminated clothing and wash before re-use. Respiratory protection may be required.

Environmental Hazards:

This product is toxic to fish and other aquatic organisms. Do not apply directly to water (except when applied for mosquito larvae control; then only around the borders of these areas and in shallow water). Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

Physical and Chemical Hazards:

Do not use or store near heat or open flame.

ACTIVE INGREDIENT
Aliphatic Petroleum Hydrocarbons98.7%
INERT INGREDIENTS1.3%

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

Have the following product container or label with you when calling a poison control center or doctor going for treatment. For Medical Emergencies, call the International Poison Control Center at 1-800-214-7753.
If swallowed: Call a poison control center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.
If in eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
If on skin: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
If inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth. Call a poison control center or doctor for further treatment advice.
Note to Physician: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

E.P.A. EST. No. 8929-IL-01
EPA Reg. No. 8329-72

Min. Net Gal. _____

Batch No. _____

For more information call:
1-800-323-5727

Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

To be used in governmental mosquito control programs and by professional pest control operators.

This product is for control of mosquito larvae in swamps, floodwater areas, and other areas where mosquitoes develop. It should be applied at normal uniform rates of 3 gal./acre or less. Under special circumstances, such as extremely dense vegetation or water of high organic content, rates to a maximum of 5 gal./acre may be used. Petroleum oils may produce an unsightly appearance and should not be used when this condition is objectionable. Use particular care to avoid damage when spraying over areas containing fish or wildlife.

STORAGE AND DISPOSAL

Do not use, store, pour or spill near flames or excessive heat. If drum is leaking, move drum to stop the leak. Absorb spilled materials with sand, clay or vermiculite and sweep up.

Prohibitions:
Do not contaminate water, food, or feed by storage or disposal.

Pesticide Disposal:
Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal:
Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**In Case of Medical Emergency, Call the
International Poison Control Center
1-800-214-7753.
In Case of Transportation Emergency,
Call INFO TRAC 1-800-535-5053**

CLARKE MOSQUITO CONTROL PRODUCTS, INC. makes no warranty, expressed or implied, concerning the use of this product other than as indicated on the label. Buyer assumes all risk of use/handling of this material when use and/or handling is contrary to label instructions.



SOLD BY
**CLARKE MOSQUITO CONTROL
PRODUCTS, INC.**
159 N. GARDEN AVENUE
ROSELLE, ILLINOIS 60172
(630) 894-2000



PL0021 09/05



FOR ORGANIC PRODUCTION



ACTIVE INGREDIENTS:

<i>Bacillus sphaericus</i> 2362, Serotype H5a5b, Strain ABTS 1743 Fermentation Solids, Spores, and Insecticidal Toxins	2.7%
<i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> Serotype H-14, Strain AM65-52 Fermentation Solids, Spores, and Insecticidal Toxins	4.5%
OTHER INGREDIENTS	92.8%
TOTAL	100.0%

Potency: This product contains 50 BslTU/mg or 0.023 Billion BslTU/lb.
Expiration Date: (Two years from date of manufacture)

The percent active ingredient does not indicate product performance and potency measurements are not Federally standardized.

EPA Reg. No. 73049-429
EPA Est. No. 33762-1A-001
US Patent No. 7,989,180, US Patent No. 8,454,983

List No. 05750

INDEX:

- 1.0 First Aid
- 2.0 Precautionary Statements
 - 2.1 Hazard to Humans (and Domestic Animals)
 - 2.2 Environmental Hazards
- 3.0 Directions for Use
- 4.0 Application Directions
- 5.0 Storage and Disposal
- 6.0 Warranty and Disclaimer

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-315-9819 (24 hours) for emergency medical treatment and/or transport emergency information. For all other information, call 1-800-323-9597.	

2.0 PRECAUTIONARY STATEMENTS

**2.1 Hazards To Humans and Domestic Animals
CAUTION**

Causes moderate eye irritation. Harmful if absorbed through the skin or inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Mixers/loaders and applicators not in enclosed cabs or aircraft, must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

2.2 Environmental Hazards

Do not apply directly to treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption.

3.0 DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For use only by federal, state, tribal or local government officials responsible for public health or vector control, or by persons certified in the appropriate category or otherwise authorized by the state or tribal lead pesticide regulatory agency to perform mosquito control applications, or by persons under their direct supervision.

IN CALIFORNIA: This product is to be applied by County Health Department, State Department of Health Services, Mosquito and Vector Control or Mosquito Abatement District personnel, or persons under contract to these entities only.

4.0

APPLICATION DIRECTIONS**MOSQUITO CONTROL**

VectoMax® FG Biological Larvicide Fine Granule (hereafter referred to as VectoMax FG) is a selective microbial insecticide for use against mosquito larvae in a variety of habitats. VectoMax FG can be applied to areas that contain fish, other aquatic life, and plants. VectoMax FG can be applied to areas used by or in contact with humans, pets, horses, livestock, birds, or wildlife.

I. For control of mosquito larvae in the following non-crop sites:

Habitat	Application Rate Range
Wastewater:	
Sewage effluent, sewage lagoons, oxidation ponds, septic ditches, animal waste lagoons, and impound wastewater associated with fruit and vegetable processing.	5-20 lbs/acre*
Storm Water/Drainage Systems:	
Drainage ditches, roadside ditches, retention ponds, detention ponds, and seepage ponds.	5-20 lbs/acre*
Marine/Coastal Areas:	
Tidal water, salt marshes, mangroves, and estuaries.	5-20 lbs/acre*
Water Bodies:	
Natural and manmade aquatic sites such as lakes, ponds, canals, rivers and streams (including river & stream edges), floodplains, swamps, marshes, irrigation ditches, flood water, woodland pools, snow melt pools and livestock watering ponds and troughs.	5-20 lbs/acre*
Waste Tires:	
Tires stockpiled in dumps, landfills, recycling plants, and other similar sites.	0.5-2 lbs/ 1000 sq. ft.

II. For control of mosquito larvae in agricultural/crop sites where mosquito breeding occurs.

Habitat	Application Rate Range
Rice fields, pastures/hay fields, orchards (including citrus groves, peaches, almonds, dates, and walnuts), asparagus fields, corn fields, cotton fields, alfalfa fields, and vineyards.	5-20 lbs/acre*

Apply VectoMax FG uniformly by aerial or conventional ground equipment. Reapply VectoMax FG as needed (after 1-4 weeks under typical environmental conditions).

*Use higher application rates (10-20 lbs/acre) in areas where 4th instar *Aedes* or *Ochlerotatus* spp. larvae predominate, or in areas where very high densities of late instar mosquito larvae are present, or under conditions where local experience indicates the need for higher application rates to achieve extended residual control.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator and the treatment coordinator are responsible for considering all these factors when making decisions.

5.0 STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place.

Pesticide Disposal: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Handling: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration. Do not burn, unless allowed by State and local ordinances. If burned, stay out of smoke.

6.0 WARRANTY AND DISCLAIMER

To the extent consistent with applicable law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on this label. To the extent consistent with applicable law, user assumes all risks of use, storage, or handling not in accordance with the accompanying directions.

VectoMax is a registered trademark and BioFuse is a trademark of Valent BioSciences Corporation.

Biological Larvicide

VectoBac[®] G

Granules

ACTIVE INGREDIENT:

<i>Bacillus thuringiensis</i> , subspecies, <i>israelensis</i> , strain AM 65-52, fermentation solids and solubles.....		2.80%
Other Ingredients.....		97.20%
Total.....		100.00%

Potency: 200 International Toxic Units (ITU) per mg
(Equivalent to 0.091 billion potency: ITU per pound)

The percent active ingredient does not indicate product performance and potency measurements are not Federally standardized.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panel for First Aid and additional precautionary statements



EPA Registration No. 73049-10
EPA Est. No. 33762-IA-001

List No. 5108-04-09

Net Contents: 40 Lbs. (18.1 Kgs.)
Filled by weight, not volume

APPLICATION DIRECTIONS

VectoBac G is an insecticide for use against mosquito larvae.

Mosquitoes**Habitat****Suggested Range Rate***

(Such as the following examples):
Irrigation ditches, roadside
ditches, flood water, standing
ponds, livestock watering ponds
and troughs, woodland pools, snow
melt pools, pastures, catch basins,
storm water retention areas, tidal
water, salt marshes and rice fields.

2.5 - 10 lbs/acre

In addition, standing water containing mosquito larvae, in fields growing crops such as alfalfa, almonds, asparagus, corn, cotton, dates, grapes, peaches, sugar cane and walnuts may be treated at the recommended rates.

*Use 10-20 lbs./acre when late 3rd and early 4th instar larvae predominate, mosquito populations are high, water is heavily polluted (sewage lagoons, animal waste lagoons), and/or algae are abundant.

Apply uniformly by aerial or ground conventional equipment.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the treatment coordinator are responsible for considering all of these factors when making decisions.

A 7 to 14 day interval between applications should be employed.

NOTICE TO USER

Seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.

23-0334/R6

FIRST AID**If in eyes**

- Hold eyes open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.
- Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-315-9819 (24 hours) for emergency medical treatment and/or transport emergency information. For all other information, call 1-800-323-9597.

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS (AND DOMESTIC ANIMALS)
CAUTION**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

Mixers/loaders and applicators not in enclosed cabs or aircraft must wear a dust/mist respirator meeting NIOSH standards of at least N-95, R-95 or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

ENVIRONMENTAL HAZARDS

Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Do not apply directly to treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate potable water, food or feed by storage or disposal.

STORAGE: Store in a cool, dry place.

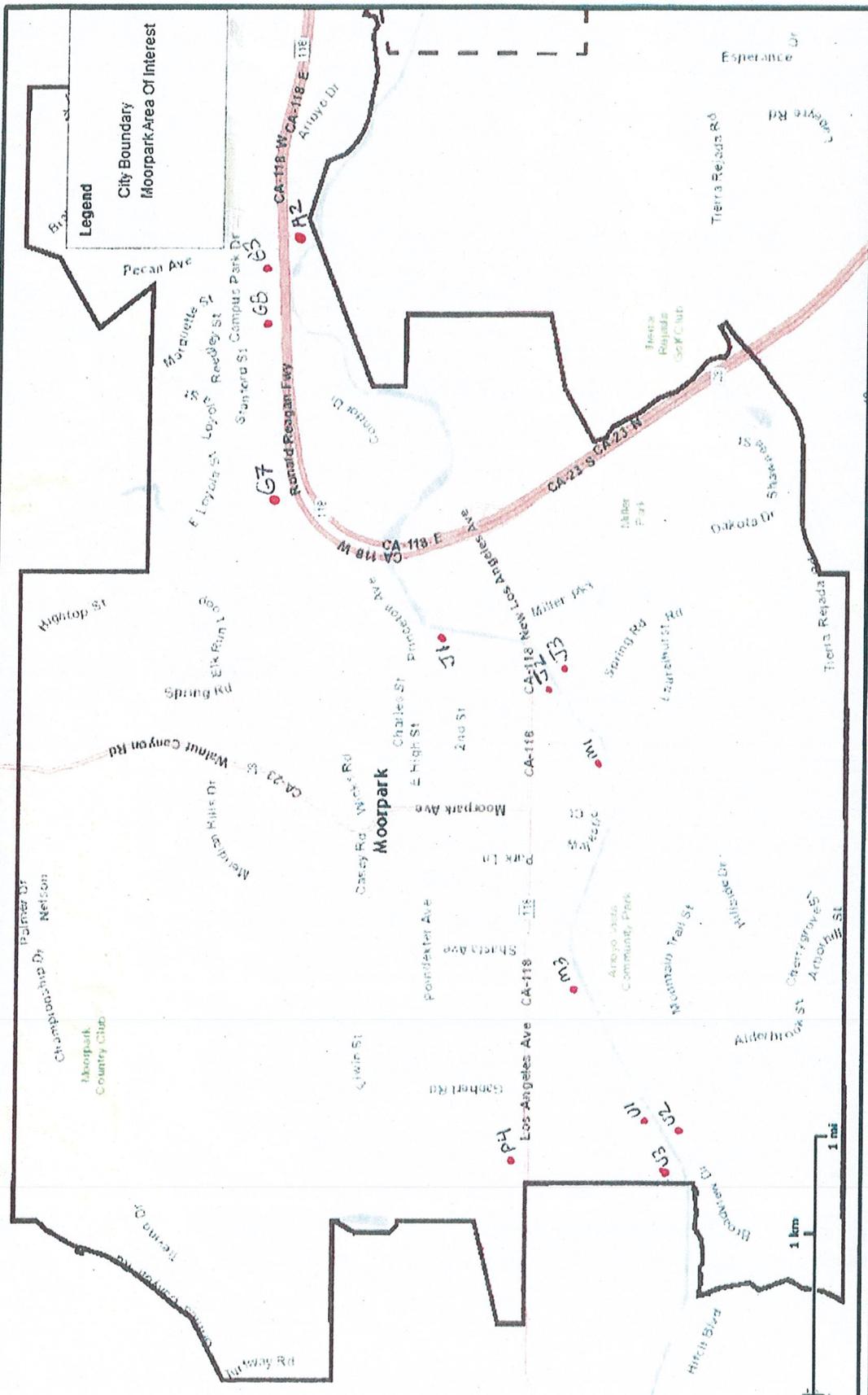
PESTICIDE DISPOSAL: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

02004



Attachment 2



01/28/2015

Sub Title

1" = 3,009 ft

Attachment 3

CITY OF MOORPARK MOSQUITO SOURCES 2018			
Source #	Source Name	Source Location	Source Count
A1	AS. #1 Section 1	East city limits to VDA stabilizing weir.	1
A2	No. 2 Cyn. FCC (Formerly Moorpark College FCC #2)	Between 118 and VDA by railroad tracks	2
B5	VDA Run Off Drain 1 -	In VDA Complex Branch of Underground Drain by Unit # 160	3
B6	VDA Run Off Drain 2 -	In VDA Complex Branch of Underground Drain by Unit # 61	4
B7	VDA Run Off Drain 3 -	In VDA Complex Branch of Underground Drain by Unit #	5
B9	VDA Underground Drain. Manhole access between drains 2 & 3.		6
D4	VDA Drain D -	About 500 ft. W of Drain C.	7
G3	Strathearn Canyon FCC (Formerly Pecan Ave FCC)-	Enter through flood gate on west side of Pecan and go south to Arroyo	8
G7	Happy Camp Canyon FCC (formerly Fordham FCC)	SouthWest of College Heights/Westwood intersection	9
G8	Hwy 118 North Drainage -	North of 118 and south parking lot of Varsity Park Village, between Penn	10
G10	Pecan FCC gutter	Drainage gutter that feeds into Flood Channel. N of Campus Park Dr.	11
i1	AS Sec#3 Section 3	Butler crossing to Virginia Colony trestle	12
i2	Vulcan Concrete formerly Ready Mix Pond -	On west side of yard at 13950 Princeton	13
i3	AS Sec#4 Section 4	Virginia Colony trestle to Ready Mix trestle	14
J1	AS Section 5	Ready Mix trestle to New LA Ave	15
J2	AS Section 6	New LA Ave to Spring St bridge	16
J3	Carlsberg Retention Basin -	South of Arroyo Simi, Section 6, and east of Spring	17
K6	Southfork Retention Pond	Pond located on S.W. side of Southfork/Miller intersection	18
K7A	Stagecoach/Spring Basin Drainage	Drainage to the North of above basin.	19
K8	Shawnee/Crabapple Ret. Basin	Located on both East and West on the South side Crabapple Ct.	20
L2	Peach Hill Drain	(Formerly Marlborough drain) - South of Quail Summit and west of Mill V	21
L3	Edison Easement Drainage /formally Performance Nursery		22
L7	Rite Aide Drain	Drain located W. of Spring St. S. of Tierra Rejada along fence of Rite Aid	23
M1	AS Section 7	Spring St bridge to AV Pedestrian Bridge	24
M3	AS Section 8	AV Pedestrian Bridge to Tierra Rejada Bridge	25
M6	Ret. Pond # 2 AS Section 7	Larger pond to the East of Pond #1	26
N1	Walnut Canyon FCC -	200 yards west of Walnut Canyon, starts at Championship Dr. and goes	27
N6	Moorpark C.C. Canyon Crest Golfcourse	Canyon Crest Course Holes 1-9 and Drainage Channels. East Course	28
N7	Moorpark C.C. Ridgeline Golfcourse Hole 1 Seepage	Ridgeline Course Holes 1-9 and Drainage Channels. West Course	29
N8	Moorpark C.C. Creekside Golfcourse	Ridgeline Course Holes 6-9 and Drainage Channels. Middle Course	30
N9	N Meridian Hills/Walnut Cyn Ret. Basin	Meridian Hills tract entrance West side of Walnut Cyn. N. Side	31
N10	S Meridian Hills/Walnut Cyn Ret. Basin	Meridian Hills tract entrance W side of Walnut Cyn. S. Side #5187	32
N11	Casey/Walnut Cyn Ret. Basin & Drainage	Start S of Meridian Hills at Concrete stairs leading to drainage that flows	33
N12	Breezy Glen Ret. Basin	N.W. Corner of Meridian Hills & Breezy Glen	34
O5	Mpk Highlands W. Spring N Charles Ret. Basin	West Side of Spring Ret. Basin North of Charles St	35
O6	Walnut Cyn./Spring S. Ret. Basin	S.E. corner of intersection of Spring and Walnut Cyn.	36
P4	Gabbert Rd FCC -	Continuation of Walnut Canyon FCC; starts on west side of Gabbert	37
P6	Elwin St Drain -	at 22837 Elwin St	38
R2	Flory St Gutters		39
R14	High St Theater back drain	Sump Pump Drain Behind 45 High St. Theater	40
R15	Charles St. Gutter		41
U1	AS Section 9	Tierra Rejada bridge to Gabbert drain	42
U2	Mtn. Meadows/AS. Sec.#9 Drain-	Drain between Northdale and AS. Sec.#9.W. of T.R. Bridge	43
U3	Buttercreek Drain -	South of Buttercreek St to Arroyo	44
V7	Mountain Meadows/Country Trail gutter		45

Mosquito-Vector Annual NPDES Report 2018
City of Moorpark VC
Application Log to Potential "Waters Of The US"

Site Name	EMP #	Date/Time	Source #	HABITAT	Product	Sq. Ft. Treated	Mat. Amt.	LATITUDE	LONGITUDE
U2 A.S. # 9 S. Drain	1980	1/2/2018	U2	Drainage Channel	G.B.1111	200	2.0 oz.	34.268897	-118.908859
U2 A.S. # 9 S. Drain	1980	4/10/2018	U2	Drainage Channel	G.B.1111	200	2.0 oz.	34.268897	-118.908859
U2 A.S. # 9 S. Drain	1980	4/10/2018	U2	Drainage Channel	Fourstar 45 Bri	275	0.7 oz.	34.268897	-118.908859
U3 Buttercreek Drain	1980	4/24/2018	U3	Drainage Channel	Fourstar 45 Bri	500	1.7 oz.	34.270753	-118.907052
U1 Arroyo Simi Sec.	1980	4/24/2018	U1	Drainage Channel	G.B.1111	575	5.5 oz.	34.271236	-118.903919
U1 Arroyo Simi Sec.	1980	4/24/2018	U1	Drainage Channel	Fourstar 45 Bri	1200	4.2 oz.	34.268897	-118.908859
U3 Buttercreek Drain	1980	4/24/2018	U3	Drainage Channel	G.B.1111	220	2.0 oz.	34.270753	-118.907052
M3 A.S. Sec. # 8	1980	4/25/2018	M3	Drainage Channel	G.B.1111	325	3.0 oz.	34.273385	-118.898372
M3 A.S. Sec. # 8	1980	4/25/2018	M3	Drainage Channel	Fourstar 45 Bri	400	1.4 oz.	34.273385	-118.898372
U1 Arroyo Simi Sec.	1980	4/26/2018	U1	Drainage Channel	G.B.1111	520	5.0 oz.	34.271236	-118.903919
U2 A.S. # 9 S. Drain	1980	4/26/2018	U2	Drainage Channel	G.B.1111	160	1.5 oz.	34.268897	-118.908859
U1 Arroyo Simi Sec.	1980	5/8/2018	U1	Drainage Channel	G.B.1111	360	3.5 oz.	34.271236	-118.903919
U2 A.S. # 9 S. Drain	1980	5/8/2018	U2	Drainage Channel	G.B.1111	200	2.0 oz.	34.268897	-118.908859
J2 A.S. Sec #6	1980	5/8/2018	J2	Drainage Channel	G.B.1111	425	4.0 oz.	34.278281	-118.871555
J2 A.S. Sec #6	1980	5/29/2018	J2	Drainage Channel	G.B.1111	200	2.0 oz.	34.278281	-118.871555
M1 A.S. Sec. # 7	1980	5/29/2018	M1	Drainage Channel	G.B.1111	320	3.0 oz.	34.275987	-118.875793
M.A.S. Sec. # 8	1980	5/31/2018	M3	Drainage Channel	G.B.1111	210	2.0 oz.	34.273385	-118.898372
U1 Arroyo Simi Sec.	1980	6/1/2018	U1	Drainage Channel	G.B.1111	920	9.0 oz.	34.271236	-118.903919
U2 A.S. # 9 S. Drain	1980	6/1/2018	U2	Drainage Channel	G.B.1111	200	2.0 oz.	34.268897	-118.908859
U3 Buttercreek Drain	1980	6/1/2018	U3	Drainage Channel	G.B.1111	260	2.5 oz.	34.270753	-118.907052
A2 No. 2 Cyn. FCO	1980	6/4/2018	A2	Drainage Channel	G.B.1111	160	1.5 oz.	34.292792	-118.840494
J2 A.S. Sec #6	1980	6/7/2018	J2	Drainage Channel	G.B.1111	100	1.0 oz.	34.278281	-118.871555
U1 Arroyo Simi Sec.	1980	6/18/2018	U1	Drainage Channel	G.B.1111	3000	28.0 oz.	34.271236	-118.903919
U2 A.S. # 9 S. Drain	1980	6/18/2018	U2	Drainage Channel	G.B.1111	220	2.0 oz.	34.268897	-118.908859
U3 Buttercreek Drain	1980	6/18/2018	U3	Drainage Channel	G.B.1111	425	4.0 oz.	34.270753	-118.907052
M1 A.S. Sec. # 7	1980	6/19/2018	M1	Drainage Channel	G.B.1111	1200	11.0 oz.	34.275987	-118.875793
M.A.S. Sec. # 8	1980	6/21/2018	M3	Drainage Channel	G.B.1111	3600	35.0 oz.	34.273385	-118.898372
J2 A.S. Sec #6	1980	6/22/2018	J2	Drainage Channel	G.B.1111	210	2.0 oz.	34.278281	-118.871555
U1 Arroyo Simi Sec.	1980	6/26/2018	U1	Drainage Channel	G.B.1111	10750	106.0 oz.	34.271236	-118.903919
U2 A.S. # 9 S. Drain	1980	6/26/2018	U2	Drainage Channel	G.B.1111	200	2.0 oz.	34.268897	-118.908859
M.A.S. Sec. # 8	1980	6/26/2018	M3	Drainage Channel	G.B.1111	520	5.0 oz.	34.273385	-118.898372
M1 A.S. Sec. # 7	1980	6/27/2018	M1	Drainage Channel	G.B.1111	1800	18.0 oz.	34.275987	-118.875793
M1 A.S. Sec. # 7	1980	6/28/2018	M1	Drainage Channel	G.B.1111	2060	20.0 oz.	34.275987	-118.875793
M1 A.S. Sec. # 7	1980	6/29/2018	M1	Drainage Channel	G.B.1111	1200	12.0 oz.	34.275987	-118.875793
M.A.S. Sec. # 8	1980	6/29/2018	M3	Drainage Channel	G.B.1111	7700	78.0 oz.	34.273385	-118.898372
U1 Arroyo Simi Sec.	1980	7/2/2018	U1	Drainage Channel	G.B.1111	8100	80.0 oz.	34.271236	-118.903919
U2 A.S. # 9 S. Drain	1980	7/2/2018	U2	Drainage Channel	G.B.1111	270	2.5 oz.	34.268897	-118.908859
U3 Buttercreek Drain	1980	7/2/2018	U3	Drainage Channel	G.B.1111	520	5.0 oz.	34.270753	-118.907052
J2 A.S. Sec #6	1980	7/3/2018	J2	Drainage Channel	G.B.1111	240	2.5 oz.	34.278281	-118.871555
M1 A.S. Sec. # 7	1980	7/5/2018	M1	Drainage Channel	G.B.1111	1800	18.0 oz.	34.275987	-118.875793
M.A.S. Sec. # 8	1980	7/6/2018	M3	Drainage Channel	G.B.1111	7250	72.0 oz.	34.273385	-118.898372
U1 Arroyo Simi Sec.	1980	7/9/2018	U1	Drainage Channel	G.B.1111	9100	90.0 oz.	34.271236	-118.903919
G3 Strathearn Cyn F	1979	7/9/2018	G3	Drainage Channel	G.B.1111	1600	15.0 oz.	34.273385	-118.898372
J2 A.S. Sec #6	1980	7/10/2018	J2	Drainage Channel	G.B.1111	400	4.0 oz.	34.278281	-118.871555
M1 A.S. Sec. # 7	1980	7/10/2018	M1	Drainage Channel	G.B.1111	620	6.0 oz.	34.275987	-118.875793
U1 Arroyo Simi Sec.	1980	7/11/2018	U1	Drainage Channel	G.B.1111	700	7.0 oz.	34.271236	-118.903919
U2 A.S. # 9 S. Drain	1980	7/11/2018	U2	Drainage Channel	G.B.1111	320	3.0 oz.	34.268897	-118.908859
U3 Buttercreek Drain	1980	7/11/2018	U3	Drainage Channel	G.B.1111	520	5.0 oz.	34.270753	-118.907052
M1 A.S. Sec. # 7	1980	7/11/2018	M1	Drainage Channel	G.B.1111	400	4.0 oz.	34.275987	-118.875793
M1 A.S. Sec. # 7	1980	7/11/2018	M1	Drainage Channel	Vectobac G	960	2.0 oz.	34.275987	-118.875793
M.A.S. Sec. # 8	1980	7/12/2018	M3	Drainage Channel	G.B.1111	1700	16.0 oz.	34.273385	-118.898372
M.A.S. Sec. # 8	1980	7/13/2018	M3	Drainage Channel	G.B.1111	1860	18.0 oz.	34.273385	-118.898372
M.A.S. Sec. # 8	1980	7/13/2018	M3	Drainage Channel	Vectobac G	38000	76.0 oz.	34.273385	-118.898372
G3 Strathearn Cyn F	1979	7/16/2018	G3	Drainage Channel	G.B.1111	1460	14.0 oz.	34.273385	-118.898372
U1 Arroyo Simi Sec.	1980	7/16/2018	U1	Drainage Channel	G.B.1111	1550	15.0 oz.	34.271236	-118.903919
U2 A.S. # 9 S. Drain	1980	7/16/2018	U2	Drainage Channel	G.B.1111	320	3.0 oz.	34.268897	-118.908859
U1 Arroyo Simi Sec.	1980	7/16/2018	U1	Drainage Channel	Vectobac G	60000	112.0 oz.	34.271236	-118.903919
J2 A.S. Sec #6	1980	7/17/2018	J2	Drainage Channel	G.B.1111	520	5.0 oz.	34.278281	-118.871555

Mosquito-Vector Annual NPDES Report 2018									
Site Name	EMP #	Date/Time	Source #	HABITAT	Product	Sq. Ft. Treated	Mat. Amt.	LATITUDE	LONGITUDE
U1 Arroyo Simi Sec	1980	7/23/2018	U1	Drainage Channel	G.B.1111	1120	11.0 oz.	34.271236	-118.903919
U2 A.S. # 9 S. Drain	1980	7/23/2018	U2	Drainage Channel	G.B.1111	320	3.0 oz.	34.268897	-118.908859
G3 Strathearn Cyn F	1979	7/23/2018	G3	Drainage Channel	G.B.1111	1060	10.0 oz.	34.273385	-118.898372
J2 A.S. Sec #6	1980	7/24/2018	J2	Drainage Channel	G.B.1111	415	4.0 oz.	34.278281	-118.871555
M1 A.S. Sec. # 7	1979	7/24/2018	M1	Drainage Channel	G.B.1111	1460	14.0 oz.	34.275987	-118.875793
M.A.S. Sec. # 8	1980	7/25/2018	M3	Drainage Channel	G.B.1111	6200	60.0 oz.	34.273385	-118.898372
J1 A.S. Sec. #5	1980	7/27/2018	J1	Drainage Channel	G.B.1111	640	6.0 oz.	34.278991	-118.905331
U1 Arroyo Simi Sec	1980	7/30/2018	U1	Drainage Channel	G.B.1111	7000	68.0 oz.	34.271236	-118.903919
M.A.S. Sec. # 8	1980	7/31/2018	M3	Drainage Channel	G.B.1111	2100	20.0 oz.	34.273385	-118.898372
M1 A.S. Sec. # 7	1979	8/1/2018	M1	Drainage Channel	G.B.1111	2280	22.0 oz.	34.275987	-118.875793
J2 A.S. Sec #6	1980	8/3/2018	J2	Drainage Channel	G.B.1111	120	1.0 oz.	34.278281	-118.871555
U1 Arroyo Simi Sec	1980	8/6/2018	U1	Drainage Channel	G.B.1111	6600	65.0 oz.	34.271236	-118.903919
U2 A.S. # 9 S. Drain	1980	8/6/2018	U2	Drainage Channel	G.B.1111	260	2.5 oz.	34.268897	-118.908859
G3 Strathearn Cyn F	1979	8/6/2018	G3	Drainage Channel	G.B.1111	1060	10.0 oz.	34.273385	-118.898372
M1 A.S. Sec. # 7	1979	8/8/2018	M1	Drainage Channel	G.B.1111	1920	18.0 oz.	34.275987	-118.875793
M.A.S. Sec. # 8	1980	8/10/2018	M3	Drainage Channel	G.B.1111	820	8.0 oz.	34.273385	-118.898372
U1 Arroyo Simi Sec	1980	8/13/2018	U1	Drainage Channel	G.B.1111	1235	12.0 oz.	34.271236	-118.903919
U3 Buttercreek Drai	1980	8/13/2018	U3	Drainage Channel	G.B.1111	900	8.0 oz.	34.270753	-118.907052
G3 Strathearn Cyn F	1979	8/13/2018	G3	Drainage Channel	G.B.1111	1230	12.0 oz.	34.273385	-118.898372
M.A.S. Sec. # 8	1980	8/14/2018	M3	Drainage Channel	G.B.1111	1620	16.0 oz.	34.273385	-118.898372
J2 A.S. Sec #6	1980	8/15/2018	J2	Drainage Channel	G.B.1111	60	0.5 oz.	34.278281	-118.871555
M1 A.S. Sec. # 7	1979	8/20/2018	M1	Drainage Channel	G.B.1111	1685	16.0 oz.	34.275987	-118.875793
M.A.S. Sec. # 8	1980	8/21/2018	M3	Drainage Channel	G.B.1111	2500	24.0 oz.	34.273385	-118.898372
U1 Arroyo Simi Sec	1980	8/21/2018	U1	Drainage Channel	G.B.1111	2300	22.0 oz.	34.271236	-118.903919
U2 A.S. # 9 S. Drain	1980	8/21/2018	U2	Drainage Channel	G.B.1111	280	2.5 oz.	34.268897	-118.908859
M1 A.S. Sec. # 7	1979	8/29/2018	M1	Drainage Channel	G.B.1111	1100	10.0 oz.	34.275987	-118.875793
M.A.S. Sec. # 8	1980	8/31/2018	M3	Drainage Channel	G.B.1111	740	7.0 oz.	34.273385	-118.898372
U1 Arroyo Simi Sec	1980	9/4/2018	U1	Drainage Channel	G.B.1111	720	7.0 oz.	34.271236	-118.903919
U2 A.S. # 9 S. Drain	1980	9/4/2018	U2	Drainage Channel	G.B.1111	220	2.0 oz.	34.268897	-118.908859
M.A.S. Sec. # 8	1980	9/5/2018	M3	Drainage Channel	G.B.1111	830	8.0 oz.	34.273385	-118.898372
M1 A.S. Sec. # 7	1979	9/6/2018	M1	Drainage Channel	G.B.1111	1640	16.0 oz.	34.275987	-118.875793
M1 A.S. Sec. # 7	1979	9/7/2018	M1	Drainage Channel	Altosid P35	10000	20.0 oz.	34.275987	-118.875793
U2 A.S. # 9 S. Drain	1980	9/10/2018	U2	Drainage Channel	G.B.1111	820	8.0 oz.	34.268897	-118.908859
U3 Buttercreek Drai	1980	9/10/2018	U3	Drainage Channel	G.B.1111	360	3.5 oz.	34.270753	-118.907052
M1 A.S. Sec. # 7	1979	9/11/2018	M1	Drainage Channel	Altosid P35	9800	20.0 oz.	34.275987	-118.875793
M3 A.S. Sec. # 8	1980	9/12/2018	M3	Drainage Channel	Altosid P35	16000	32.0 oz.	34.273385	-118.898372
U1 Arroyo Simi Sec	1980	9/17/2018	U1	Drainage Channel	Altosid P35	7000	14.0 oz.	34.271236	-118.903919
U1 Arroyo Simi Sec	1980	9/17/2018	U1	Drainage Channel	G.B.1111	615	6.0 oz.	34.271236	-118.903919
U2 A.S. # 9 S. Drain	1980	9/17/2018	U2	Drainage Channel	G.B.1111	300	3.0 oz.	34.268897	-118.908859
M3 A.S. Sec. # 8	1980	9/19/2018	M3	Drainage Channel	G.B.1111	1100	10.0 oz.	34.273385	-118.898372
M1 A.S. Sec. # 7	1979	9/20/2018	M1	Drainage Channel	G.B.1111	1250	12.0 oz.	34.275987	-118.875793
U3 Buttercreek Drai	1980	9/24/2018	U3	Drainage Channel	G.B.1111	960	2.0 oz.	34.270753	-118.907052
U1 Arroyo Simi Sec	1980	9/25/2018	U1	Drainage Channel	G.B.1111	840	8.0 oz.	34.271236	-118.903919
G3 Strathearn Cyn F	1979	9/25/2018	G3	Drainage Channel	G.B.1111	200	2.0 oz.	34.273385	-118.898372
M1 A.S. Sec. # 7	1979	9/26/2018	M1	Drainage Channel	Altosid P35	9800	20.0 oz.	34.275987	-118.875793
M1 A.S. Sec. # 7	1979	9/26/2018	M1	Drainage Channel	G.B.1111	1770	18.0 oz.	34.275987	-118.875793
M3 A.S. Sec. # 8	1980	9/27/2018	M3	Drainage Channel	G.B.1111	830	8.0 oz.	34.273385	-118.898372
U1 Arroyo Simi Sec	1980	10/24/2018	U1	Drainage Channel	G.B.1111	360	3.5 oz.	34.271236	-118.903919
U2 A.S. # 9 S. Drain	1980	10/24/2018	U2	Drainage Channel	G.B.1111	160	1.5 oz.	34.268897	-118.908859
U3 Buttercreek Drai	1980	10/24/2018	U3	Drainage Channel	G.B.1111	320	3.0 oz.	34.270753	-118.907052
G3 Strathearn Cyn F	1979	10/24/2018	G3	Drainage Channel	G.B.1111	825	8.0 oz.	34.273385	-118.898372
M1 A.S. Sec. # 7	1979	10/29/2018	M1	Drainage Channel	Altosid P35	960	2.0 oz.	34.275987	-118.875793
M1 A.S. Sec. # 7	1979	10/29/2018	M1	Drainage Channel	G.B.1111	740	7.0 oz.	34.275987	-118.875793
M3 A.S. Sec. # 8	1980	11/1/2018	M3	Drainage Channel	G.B.1111	260	2.5 oz.	34.273385	-118.898372