Print Form

Notice of Exemption

Appendix E

To: Office of Planning and Research
P.O. Box 3044, Room 113
Sacramento, CA 95812-3044

County Clerk
County of: Santa Barbara
1100 Anacapa Street, Suite 1
Santa Barbara, CA 93101

From: (Public Agency): Mosquito & Vector Management District of Santa Barbara County
2450 Lillie Ave, Summerland, CA 93067
(Address)

Project Title: Memorandums of Understanding and Mosquito Management Plan to provide mosquito management services to Santa Barbara Airport for fiscal year 2025-2026

Project Applicant:

Project Location - Specific:
Santa Barbara Airport

Project Location - City: City of Santa Barbara Project Location - County: Santa Barbara

Description of Nature, Purpose and Beneficiaries of Project:
Conduct surveying and treatment of mosquito populations to protect public and environmental health within the Santa Barbara Airport. Surveying is conducted through trapping of adult mosquitoes and inspecting water sources for mosquito larvae. Treatments target larvae in various stages of growth through the use of larvicides.

Name of Public Agency Approving Project: Mosquito & Vector Management District of Santa Barbara County

Name of Person or Agency Carrying Out Project: Mosquito & Vector Management District of Santa Barbara County

Exempt Status: **(check one):**

- ☒ Ministerial (Sec. 21080(b)(1); 15268);
- ☐ Declared Emergency (Sec. 21080(b)(3); 15269(a));
- ☒ Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- ☒ Categorical Exemption. State type and section number: 14 Cal. Code Regs. §§ 15304, 15306 - 15309
- ☐ Statutory Exemptions. State code number:

Reasons why project is exempt:
Please see Attachment A to this NOE

Lead Agency
Contact Person: Brian Cabrera Area Code/Telephone/Extension: (805) 969-5050

If filed by applicant:

1. Attach certified document of exemption finding.
2. Has a Notice of Exemption been filed by the public agency approving the project? Yes No

Signature: Date: 10/3/25 Title: General Manager

▪ Signed by Lead Agency Signed by Applicant

Authority cited: Sections 21083 and 21110, Public Resources Code.
Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.

Date Received for filing at OPR:

Revised 2011

ATTACHMENT A

Memorandums of Understanding and Mosquito Management Plan to provide mosquito management services to Santa Barbara Airport for fiscal year 2025-2026

Ministerial Action

CEQA does not apply to "[m]inisterial projects proposed to be carried out or approved by public agencies." (Pub. Resources Code § 21080(a)(1).) Further, "[w]here the law requires a governmental agency to act on a project in a set way without allowing the agency to use its own judgment, the project is called 'ministerial,' and CEQA does not apply." (CEQA Guidelines §15002; see CEQA Guidelines § 15369.) An activity is ministerial if the law governing the agency's decision whether to approve it does not give the agency authority to require that it be modified or rejected in response to its environmental impacts. If the agency does not have such authority, its action is ministerial. (*Central Basin Municipal Water Dist. v. Water Replenishment Dist. of Southern Cal.* (2012) 211 Cal.App.4th 943, 949.)

Under the Mosquito Abatement and Vector Control District Law (Health & Saf. Code §§ 2000–2093) (the "Law"), the Legislature declared its intent "to create and continue a broad statutory authority for a class of special districts with the power to conduct effective programs for the surveillance, prevention, abatement, and control of mosquitoes and other vectors." (Health & Saf. Code § 2001(c).) The Legislature further found that "[t]he protection of Californians and their communities against the discomforts and economic effects of vectorborne diseases ***is an essential public service that is vital to public health, safety, and welfare***." (*Id*. at § 2001(b)(3) [emphasis added].)

The Law defines "abate" to mean "to put an end to a public nuisance, or to reduce the degree or the intensity of a public nuisance." (Health & Saf. Code § 2002(a).) A "public nuisance" means any of the following:

> (1) Any property, excluding water, that has been artificially altered from its natural condition so that it now supports the development, attraction, or harborage of vectors. ***The presence of vectors in their developmental stages on a property is prima facie evidence that the property is a public nuisance***.
>
> (2) Any water that is a breeding place for vectors. The presence of vectors in their developmental stages in the water is prima facie evidence that the water is a public nuisance.
>
> (3) Any activity that supports the development, attraction, or harborage of vectors, or that facilitates the introduction or spread of vectors.

(Health & Saf. Code §§ 2002(j)(1)-(3) [emphasis added].)

To address these conditions, the Law empowers districts to do all of the following:

> (a) Conduct surveillance programs and other appropriate studies of vectors and vectorborne diseases.
>
> (b) Take any and all necessary or proper actions to prevent the occurrence of vectors and vectorborne diseases.
>
> (c) Take any and all necessary or proper actions to abate or control vectors and vectorborne diseases.
>
> (d) Take any and all actions necessary for or incidental to the powers granted by this chapter.

(Health & Saf. Code § 2040.)

As such, once a public nuisance is confirmed, the District has a mandatory duty to abate the nuisance. (See Health & Saf. Code §§ 2040-41, 2060.)

Staff took samples in September with evidence of both larvae and pupae present in the water samples at the Santa Barbara Airport (See Exhibit 1; see also Exhibit 2). At this stage, the District retains no discretion as to whether to abate and, instead, is legally obligated to do so. Implementation of the District's suite of approved treatment methods is therefore ministerial, as it involves carrying out a legal mandate with no further discretionary decision-making by the District.

If an agency has no discretion in making any decisions regarding an activity, the activity is ministerial and therefore exempt from CEQA whether or not significant environmental impacts will result. (See *Protecting Our Water & Environmental Resources v. County of Stanislaus* (2020) 10 Cal.5th 479, 489, 494.)

Because the District has both a statutory duty and an established procedure for abating mosquito larvae and pupae, the abatement activities here are ministerial and categorically exempt from CEQA review.

ATTACHMENT A

Memorandums of Understanding and Mosquito Management Plan to provide mosquito management services to Santa Barbara Airport for fiscal year 2025-2026

Categorical Exemptions

The District's activities are exempt under Class 4 (Minor Alterations to Land), Class 6 (Information Collection categorical exemption per § 15306 of the State Guidelines for Implementation of the California Environmental Quality Act (CEQA), Class 7 (Action by Regulatory Agencies for Protection of Natural Resources), Class 8 (Action by Regulatory Agencies for Protection of the Environment), Class 9 (Inspections), and Public Recourses Code § 21080(b)(4) and CEQA Guidelines § 15269(c) as an emergency project necessary to prevent or mitigate an emergency.

Class 4 consists of minor public or private alterations in the condition of land, water, and/or vegetation which do not involve the removal of healthy, mature, scenic trees except for forestry or agricultural purposes. The District's activities are within the scope of this exemption which may include disturbance of minor vegetation or sediment in creeks and other natural channels, agricultural irrigation and drainage ditches, other ditches and flood control channels, storm water retention basins, waste water ponds, spreading grounds, and other environments to assist in preventing the breeding of mosquitoes.

Class 6 consists of basic data collection, research, experimental management, and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource. The District's activities are within the scope of this exemption because it consists of surveying specific areas to collect data on mosquito populations and vector-borne diseases, and will not result in a serious or major disturbance to any environmental resource.

Class 7 consists of actions taken by regulatory agencies as authorized by state law or local ordinance to assure the maintenance, restoration, or enhancement of a natural resource where the regulatory process involves procedures for protection of the environment. The District's activities fall within this exemption because it involves detailed procedures for the protection of the environment by controlling mosquito populations and vector-borne diseases that impact the wildlife in the area.

Class 8 consists of actions taken by regulatory agencies, as authorized by state or local ordinance, to assure the maintenance, restoration, enhancement, or protection of the environment where the regulatory process involves procedures for protection of the environment. The District's activities fall within this exemption because it involves detailed procedures for the protection of the environment by controlling mosquito populations and vector-borne diseases that impact the wildlife in the area.

Class 9 consists of activities limited entirely to inspections to check for performance of an operation, or quality, health, or safety of a project. The District's activities fall within this exemption because it involves inspections for the presence of vectors at the Santa Barbara Airport, and other activities to determine the efficacy of specific control operations.

Exceptions to the Exemptions Do Not Apply

Although the MOU includes activities within a marine protected area ("MPA"), the location exception under CEQA Guidelines § 15300.2(a) does not bar reliance on the categorical exemptions cited. The proposed activities are routine, limited in scope, and specifically designed to avoid impacts on sensitive habitats. Moreover, the District has incorporated protective measures to ensure environmental resources are not adversely affected.

Staff further finds that no other exceptions to categorical exemptions apply under CEQA Guidelines § 15300.2. The activities will not result in cumulative impacts, involve unusual circumstances, affect scenic highways, be conducted on a hazardous waste site, or impact historical resources. In addition, the statutory exemptions cited above independently apply, given that the activities address urgent public health and safety concerns associated with vector-borne disease during the rainy season.

Emergency Exemption (Sec. 21080(b)(4); 15269(b)(c))

Emergency projects are actions taken due to a sudden, unexpected occurrence involving a clear and imminent danger, to prevent or mitigate loss of or damage to life, health, property, or essential public services (Pub. Resources Code §§ 21080(b)(2), (3), (4), 21060.3; CEQA Guidelines § 15269). Emergency projects can include actions required to prevent or mitigate an emergency and includes projects if the anticipated period of time to conduct an environmental review of such a long-term project would create a risk to public health, safety, or welfare.

California Health & Safety Code §§ 2000–2063 explicitly mandate that mosquito and vector control districts are authorized to identify and abate public nuisances, including mosquito outbreaks, and to take necessary action to protect public health. The Legislature specifically determined that mosquito-borne diseases such as West Nile virus and viral encephalitis can be fatal, especially to children and older individuals, making organized vector control an essential public service to protect health, safety, and welfare. (Health & Saf. Code § 2001(a)(3), (b)(3).) The presence of mosquitoes (in any developmental stage) on property, especially in water, is considered prima facie evidence of a public nuisance, allowing the district to act without delay. (Health & Saf. Code § 2002(j)(1).) District actions

such as surveillance, treatment, and elimination of breeding sites are not just permitted—they are mandated tools identified by the California legislature in controlling vector threats and safeguarding community well-being. (See Health & Saf. Code § 2001(c).)

The District is authorized to enter, abate, and recover costs from property owners who refuse to comply with abating mosquitos, and may impose civil penalties of up to $1,000 per day for continuing nuisances. (Health & Saf. Code §§ 2060–2067.) This underscores that, when it is a concern for public health and safety, the District is mandated to address the nuisance, and does not need approvals from the landowners.

As a result, if required, the District's activities will treat mosquito populations to avoid a health and safety emergency crisis, as mandated by the Health and Safety Code.

Exhibit 1 – September 30, 2025 Mosquito Collection Record at Santa Barbara Airport
Exhibit 2 – September 3, 2025 Mosquito Trap Data
Exhibit 3 – October 2, 2025 Staff Report Re Notices of Exemption for the Memorandums of Understanding and Mosquito Management Plan to provide mosquito management services to: (1) Storke Ranch for fiscal years 2025-2026 and 2026-2027; and (2) Santa Barbara Airport for fiscal year 2025-2026
Exhibit 4 - October 2, 2025 (1) Staff Report Re Memorandums of Understanding and Mosquito Management Plan to provide mosquito management services to: (1) Storke Ranch for fiscal years 2025-2026 and 2026-2027; and (2) Santa Barbara Airport for fiscal year 2025-2026; and (2) Final MOUs

ATTACHMENT A

Memorandums of Understanding and Mosquito Management Plan to provide mosquito management services to Santa Barbara Airport for fiscal year 2025-2026

EXHIBIT 1

MOSQUITO and VECTOR MANAGEMENT DISTRICT
of Santa Barbara County
DISTRICT OFFICE: 2450 Lillie Ave. * MAIL: P.O. Box 1389
Summerland, CA 93067
TELEPHONE: (805) 969-5050 * FAX: (805) 969-5643
E-MAIL: mvmdistrict@mvmdistrict.org

MOSQUITO COLLECTION RECORD

SITE I.D. No.: _____ DATE: 09/30/25

NAME OF BREEDING SOURCE: SBAIR Hollister Ave Wetland TIME OF DAY: 1:52 pm

LOCATION: Hollister Ave X Los Carneros Way COMMUNITY: Goleta / SB City?

OTHER AGENCY I.D. No.: _____ COLLECTOR'S NAME: Vesna Ibarra

TYPE OF HABITAT: Fresh water wetland VEGETATION: Willow

WATER:

MOVEMENT	COLOR	EXPOSURE	DEPTH
☒ Stagnant	☐ Clear	☐ Sun	☒ Shallow (less than 3")
☐ Quiet	☐ Muddy	☒ Shade	☐ Deep (greater than 3")
☐ Running	☒ Discolored	☐ Semi-shade	☐ Unknown
☐ Other: _____	☐ Other: _____	☐ Other: _____	

COLLECTION METHOD: Dipper Cup COLLECTION PERIOD: 1:52pm - 1:53pm

SPECIES	ADULTS			IMMATURES					
	M	F	Total	1	2	3	4	Pupae	Total
TOTALS									

IDENTIFICATION BY: DATE:

NOTES: On dipper cup collection only @ 34.43062°N 119.85494°W
80-100 larvae / cup
2 pupas / cup

MCR-1 (Revised 1/03)

ATTACHMENT A

Memorandums of Understanding and Mosquito Management Plan to provide mosquito management services to Santa Barbara Airport for fiscal year 2025-2026

EXHIBIT 2

There is a new version of this form, designed to be easy to use and better fit a variety of screens. Try the new interface now

Help

Manage Collection

Collection ID 86

***Trap Type** CO2-EVS

***Lure Type** BG-Mozzibait
BG-Sweetscent
Bird
CO2

CO2 (dry ice), Light

***Collection Date** 2025-09-03 Trap started the evening of 2025-09-02.

***# of Traps** 7

***# of Nights/Trap** 1

Trap(s) at Site 000055 - UCSB/Santa Barbara Airport

Latitude 34.418215
If the Latitude is in the southern hemisphere, the value must be prefixed by the minus '-' sign.

Longitude -119.84534
If the Longitude is in the western hemisphere, the value must be prefixed by the minus '-' sign.

Latitude 34 25 5.574
If the Latitude is in the southern hemisphere, the degrees field must be prefixed by the minus '-' sign.

Longitude -119 50 43.224
If the Longitude is in the western hemisphere, the degrees field must be prefixed by the minus '-' sign.

Latitude 34 25.0929
If the Latitude is in the southern hemisphere, the degrees field must be prefixed by the minus '-' sign.

Longitude -119 50.7204
If the Longitude is in the western hemisphere, the degrees field must be prefixed by the minus '-' sign.

Coordinate Precision Approximate

Identified By Karen Schultz

Trap(s) ran with no problems?

Comments

Count of Species If a species is not available in the dropdown, it can be added on the Available Species configuration.

	Species	M	F - Mixed	F - Unfed	F - Bloodfed	F - Gravid	Σ F	Unknown Sex	Eggs	Larvae	Pupae	Nymph
1	Aedes taeniorhynchus		46				46					
2	Aedes squamiger		3				3					
3	Culex erythrothorax		21				21					
4	Culex quinquefasciatus		26				26					
5	Culex tarsalis		6				6					

	Species	M	F - Mixed	F - Unfed	F - Bloodfed	F - Gravid	Σ F	Unknown Sex	Eggs	Larvae	Pupae	Nymph
6	Culiseta particeps		4				4					
7	Simuliidae		1				1					
8							0					
		0	107	0	0	0	107	0	0	0	0	0

Pools

Associated Pools

	Pool #	Other Sites	Species	Sex/Condition	# in Pool	Positive?	Comm
1	145		Culex tarsalis	Females - Mixed	6		
2	146		Culex erythrothorax	Females - Mixed	21		
3	147		Culex quinquefasciatus	Females - Mixed	26		

New Pools

	Pool #	Other Sites	Species	Sex/Condition	# in Pool	C
1					50	

ATTACHMENT A

Memorandums of Understanding and Mosquito Management Plan to provide mosquito management services to Santa Barbara Airport for fiscal year 2025-2026

EXHIBIT 3

STAFF REPORT

DATE: October 2, 2025
TO: The Board of Trustees
FROM: Staff
SUBJECT: Notices of Exemption for the Memorandums of Understanding and Mosquito Management Plan to provide mosquito management services to: (1) Storke Ranch for fiscal years 2025-2026 and 2026-2027; and (2) Santa Barbara Airport for fiscal year 2025-2026.

RECOMMENDATION

It is recommended that the Board approve separate notices of exemption ("NOEs") for the Memorandums of Understanding and Mosquito Management Plan to provide mosquito management services to: (1) Storke Ranch for fiscal years 2025-2026 and 2026-2027; and (2) Santa Barbara Airport for fiscal year 2025-2026.

BACKGROUND

At the District's July 10, 2025, Regular Board of Trustees meeting, the District sought to approve two memorandums of understanding ("MOUs"): one with the City of Santa Barbara for the Santa Barbara Airport (the "Airport MOU"), and another with Storke Ranch (the "Storke Ranch MOU"). These MOUs are intended to allow the District to provide mosquito management and control services to the two parties. At the first meeting, Audubon Society representatives were present to discuss their concerns. The Board decided to table approval of the MOUs to allow staff time to evaluate public comment provided on them by the Audubon Society. The Audubon Society made similar objections to the City of Santa Barbara city council at its July 29, 2025, meeting to approve the Airport MOU.

At the August 21, 2025, Regular Board of Trustees meeting, staff provided an update on the status of the MOUs. In addition, the Board adopted Resolution 25-04 approving the formation of an ad hoc committee consisting of Trustees Blair, Dahlquist, and Williams to advise on the District's vector control activities in the Goleta Slough and Storke Ranch.

On September 8 and September 25, the ad hoc committee met to discuss the MOUs and long-term environmental compliance for District activities. Staff then separately met separately with the Audubon Society to discuss their concerns and next steps moving forward. The District then made revisions to the MOUs, and then met with the City of Santa Barbara and Storke Ranch representatives remotely to address the stated concerns and get approval for the District's proposed revisions.

ANALYSIS

Staff has reviewed the proposed actions under the California Environmental Quality Act ("CEQA") and determined that the execution of the MOU and associated vector management activities are exempt from CEQA. As discussed in detail below, this project is exempt under Class 4 (Minor Alterations to Land), Class 6 (Information Collection categorical exemption per Section 15306 of the State Guidelines for Implementing the California Environmental Quality Act (CEQA), Class 7 (Action by Regulatory Agencies for Protection of Natural Resources), Class 8 (Action by Regulatory Agencies for Protection of the Environment), Class 9 (Inspections), and Public Recourses Code Section 21080(b)(4) and CEQA Guidelines Section 15269(c) as an emergency project necessary to prevent or mitigate an emergency.

I. Applicable Categorical Exemptions

a. Class 4 consists of minor public or private alterations in the condition of land, water, and/or vegetation which do not involve removal of healthy, mature, scenic trees except for forestry or agricultural purposes. The project is within the scope of this exemption which may include disturbance of minor vegetation or sediment in creeks and other natural channels, agricultural irrigation and drainage ditches, other ditches and flood control channels, storm water retention basins, waste water ponds, spreading grounds, and other environments to assist in preventing breeding of mosquitoes.

b. Class 6 consists of basic data collection, research, experimental management, and resource evaluation activities which do not result in a serious or major disturbance to an environmental resource. The project is within the scope of this exemption because it consists of surveying specific areas to collect data on mosquito populations and vector-borne diseases, and will not result in a serious or major disturbance to an environmental resource.

c. Class 7 consists of actions taken by regulatory agencies as authorized by state law or local ordinance to assure the maintenance, restoration, or enhancement of a natural resource where the regulatory process involves procedures for protection of the environment. The project falls within this exemption because it involves detailed procedures for protection of the environment by controlling mosquito populations and vector-borne diseases that impact the wildlife in the area.

d. Class 8 consists of actions taken by regulatory agencies, as authorized by state or local ordinance, to assure the maintenance, restoration,

enhancement, or protection of the environment where the regulatory process involves procedures for protection of the environment. The project falls within this exemption because it involves detailed procedures for protection of the environment by controlling mosquito populations and vector-borne diseases that impact the wildlife in the area.

e. Class 9 consists of activities limited entirely to inspections, to check for performance of an operation, or quality, health, or safety of a project. The project falls within this exemption because it involves inspections for the presence of vectors at the Santa Barbara Airport, and other activities to determine the efficacy of specific control operations.

II. Exceptions to the Exemptions Do Not Apply

a. Santa Barbara Airport

Although the MOUs include activities within a marine protected area (MPA), staff finds that the location exception under CEQA Guidelines §15300.2(a) does not bar reliance on the categorical exemptions cited. The proposed activities are routine, limited in scope, and specifically designed to avoid impacts on sensitive habitat. Moreover, the District has incorporated protective measures into the MOUs to ensure environmental resources are not adversely affected.

Staff further finds that no other exceptions to categorical exemptions apply under CEQA Guidelines §15300.2. The activities will not result in cumulative impacts, involve unusual circumstances, affect scenic highways, be conducted on a hazardous waste site, or impact historical resources. In addition, the statutory exemptions cited above independently apply, given that the activities address urgent public health and safety concerns associated with vector-borne disease during the rainy season.

b. Storke Ranch

None of the exceptions to the Categorical Exemptions listed under Section 15300.2 of the State CEQA Guidelines apply, as the project will not: impact a designated, mapped, and officially adopted environmental resource of hazardous or critical concern; result in a significant cumulative impact of successive projects of the same type in the same place over time; have a significant effect on the environment due to unusual circumstances; damage a scenic highway or scenic resources within a state scenic highway; be located on a site which is included on any list compiled pursuant to Section 65962.5 of the Government Code; nor cause a substantial adverse change in the significance of a historical resource.

III. Applicable Statutory Exemptions

Emergency projects are actions taken due to a sudden, unexpected occurrence involving a clear and imminent danger, to prevent or mitigate loss of or damage to life, health, property, or essential public services (Public Resources Code Sees. 21080(b)(2), (3), (4), 21060.3; CEQA Guidelines Section 15269). Emergency projects can include actions required to prevent or mitigate an emergency and includes projects if the anticipated period of time to conduct an environmental review of such a long-term project would create a risk to public health, safety or welfare.

California Health & Safety Code Sections 2000–2063 explicitly mandates that mosquito and vector control districts are authorized to identify and abate public nuisances, including mosquito outbreaks, and to take necessary action to protect public health. The Legislature specifically determined that mosquito-borne diseases such as West Nile virus and viral encephalitis can be fatal, especially to children and older individuals, making organized vector control an essential public service to protect health, safety, and welfare. (H&S Code § 2001(a)(3), (b)(3).) The presence of mosquitoes (in any developmental stage) on property—especially in water—is considered prima facie evidence of a public nuisance, allowing the district to act without delay. (H&S Code § 2002(j)(1).) District actions such as surveillance, treatment, and elimination of breeding sites are not just permitted—they are mandated tools identified by the California legislature in controlling vector threats and safeguarding community well-being. (See H&S Code § 2001(c).)

The District is authorized to enter, abate, and recover costs from property owners who refuse to comply with abating mosquitos, and may impose civil penalties of up to $1,000 per day for continuing nuisances. (H&S Code §§ 2060–2067.) This underscores that, when it is a concern for public health and safety, the District is mandated to address the nuisance, and does not need approvals from the landowners.

As a result, if required, the project will treat mosquito populations to avoid a health and safety emergency crisis, as mandated by the Health and Safety Code.

STAFF RECOMMENDATION

The MOUs presented to the Board reflect a near-term resolution among the parties. Given that Santa Barbara County is entering into the rainy season (approximately October – March), the parties are eager to execute the MOUs to ensure public health and safety controls are timely instituted, and that the District adheres to its obligations under the California Health and Safety Code. In addition, the associated Notices of Exemption ("NOEs") correspond with the MOUs, documenting the District's compliance with CEQA

requirements for these near-term actions. Filing the NOEs documents the District's compliance with CEQA and provides legal certainty, allowing these essential measures to move forward without unnecessary delay.

As such, staff recommends that the Board (1) approve the MOUs and their corresponding NOEs, and (2) file the NOEs in accordance with CEQA.

Respectfully submitted,

Brian Cabrera

General Manager

ATTACHMENT A

Memorandums of Understanding and Mosquito Management Plan to provide mosquito management services to Santa Barbara Airport for fiscal year 2025-2026

EXHIBIT 4

STAFF REPORT

DATE: October 2, 2025
TO: The Board of Trustees
FROM: Staff
SUBJECT: Memorandums of Understanding and Mosquito Management Plan to provide mosquito management services to: (1) Storke Ranch for fiscal years 2025-2026 and 2026-2027; and (2) Santa Barbara Airport for fiscal year 2025-2026.

RECOMMENDATION

It is recommended that the Board approve separate memorandums of understanding ("MOU") with the City of Santa Barbara and Storke Ranch for mosquito control services. Counsel will be available to respond to questions.

BACKGROUND

At the District's July 10, 2025 Regular Board of Trustees meeting, the District sought to approve two memorandums of understanding ("MOUs"): one with the City of Santa Barbara for the Santa Barbara Airport (the "Airport MOU"), and another with Storke Ranch (the "Storke Ranch MOU"). These MOUs are intended to allow the District to provide mosquito management and control services to the two parties. At the first meeting, Audubon Society representatives were present to discuss their concerns. The Board decided to table approval of the MOUs to allow staff time to evaluate public comment provided on them by the Audubon Society. The Audubon Society made similar objections to the City of Santa Barbara city council at their July 29, 2025 meeting to approve the Airport MOU.

At the August 21, 2025 Regular Board of Trustees meeting, staff provided an update on the status of the MOUs. In addition, the Board adopted Resolution 25-04 approving the formation of an ad hoc committee consisting of Trustees Blair, Dahlquist, and Williams to advise on the District's vector control activities in the Goleta Slough and Storke Ranch.

On September 8 and September 25, the ad hoc committee met to discuss the MOUs and long-term environmental compliance for District activities. Staff then separately met with the Audubon Society to discuss their concerns and next steps moving forward. The District then made revisions to the MOUs, and then met with the City of Santa Barbara and Storke Ranch representatives remotely to address the stated concerns and get approval for the District's proposed revisions.

Given that Santa Barbara County is entering into the rainy season (approximately October – March), the parties are eager to execute the MOUs to ensure public health and safety controls are timely instituted, and that the District adheres to its obligations under the California Health and Safety Code. In addition, the associated Notices of Exemption ("NOEs") correspond with the MOUs, documenting the District's compliance with CEQA requirements for these near-term actions. Filing the NOEs documents the District's compliance with CEQA, allowing these essential measures to move forward without unnecessary delay.

As such, staff recommends that the Board approve the MOUs and their corresponding NOEs.

NEXT STEPS

Staff continues work on bringing in consultants to help the District create a comprehensive mosquito and vector management plan, which will include California Environmental Quality Act ("CEQA") environmental review of the final document.

Respectfully submitted,

Brian Cabrera

General Manager

MEMORANDUM OF UNDERSTANDING FOR MOSQUITO CONTROL SERVICES
Mosquito and Vector Management District of Santa Barbara County and City of Santa Barbara

THIS MEMORANDUM OF UNDERSTANDING FOR MOSQUITO CONTROL SERVICES (this "MOU"), dated for reference purposes as of October 2, 2025, is made and entered into by and between the **MOSQUITO AND VECTOR MANAGEMENT DISTRICT OF SANTA BARBARA COUNTY**, a California Special District ("MVMDSBC"), and the City of **SANTA BARBARA**, a municipal corporation ("the City"), as follows:

Recitals

A. **WHEREAS**, the California Health and Safety Code Sections 2000 et seq., known as the Mosquito Abatement and Vector Control District Law, provides the statutory authority for the formation, governance, and operation of mosquito abatement and vector control districts in the State of California;

B. **WHEREAS**, the Legislature has declared that the "protection of Californians and their communities against the discomforts and economic effects of vector-borne diseases is an essential public service that is vital to public health, safety, and welfare" (H&S Code § 2001(b)(3));

C. **WHEREAS**, mosquito abatement and vector control districts are empowered to conduct surveillance, prevention, abatement, and control programs to manage and reduce populations of mosquitoes and other vectors that pose a threat to public health and safety (H&S Code § 2001(c));

D. **WHEREAS**, under Health and Safety Code Section 2002(j), a public nuisance includes any property or water that supports the development, attraction, or harborage of vectors, and the presence of vectors in their developmental stages is prima facie evidence of such a nuisance;

E. **WHEREAS**, Health and Safety Code Sections 2060–2067 authorize mosquito abatement and vector control districts to enter property, inspect for vectors, and abate public nuisances, including through physical, chemical, or biological control measures;

F. **WHEREAS**, The City owns the real property (the "Property") known as Santa Barbara Airport (the "SBA") which includes the mosquito breeding sites listed in Exhibit B - Mosquito Management Plan (the "MMP") attached hereto;

G. **WHEREAS**, MVMDSBC was established to provide vector surveillance, prevention, abatement and control services to properties within its district to ensure protection of property owners and residents from vector annoyance and vector-borne diseases;

H. **WHEREAS**, the City requires the services of MVMDSBC to control the breeding of mosquitoes within the mosquito breeding habitats located on the Property to minimize potential transmission of mosquito-borne diseases;

I. **WHEREAS**, pursuant to Health and Safety Code Section 2045, MVMDSBC may contract with the City to provide mosquito control services; and

J. **WHEREAS**, the parties desire to set forth herein the terms of their agreement regarding the provision of mosquito control services by MVMDSBC to the City.

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, MVMDSBC and the City agree as follows:

1. **Incorporation of Recitals**. The foregoing Recitals are true and correct and are incorporated herein by reference.

2. **Services by MVMDSBC**. MVMDSBC agrees to perform mosquito control services for the City in accordance with the Exhibit B of the MMP, a copy of which has been presented to and approved by the City. The MMP depicts the mosquito breeding habitats located on the Property, including, but not limited to, wetland habitats, water drainage impoundment sites, permanent and vernal pools and/or ponds, and existing wet areas. The services to be provided by MVMDSBC pursuant to this MOU include the following:

(a) Monitor/Survey mosquito breeding sites by inspecting aquatic habitats for the presence of mosquito larvae and survey adult mosquito populations using carbon dioxide-baited traps.

(b) Apply appropriate chemical, biological, and/or microbiological agents to suppress larval infestations of mosquitoes, and take reasonable steps to control mosquito breeding on the Property, as delineated in the MMP. All pesticides used on SBA property and their application will comply with the City of Santa Barbara Integrated Pest Management ("IPM") program. The MVMDSBC only uses materials designated in the Green or Yellow category as defined in the City of Santa Barbara IPM Strategy/Pesticide Hazard and Exposure Reduction ("PHAER") Zone report.

(c) Assign adequate personnel, materials, and equipment as projected in the MMP to carry out the mosquito control services to be provided by MVMDSBC hereunder.

(d) Maintain records of all labor time spent, materials furnished, equipment utilized, and expenses incurred in connection with the services provided under this MOU, and submit a summary of such records with invoices. MVMDSBC shall make detailed records available to the City upon reasonable notice.

3. **Additional Services**. The parties acknowledge that, due to cyclical climate changes and seasonal conditions (including, but not limited to, wet years with above-normal rainfall), additional mosquito breeding habitats not identified in the MMP may occur on the Property. If MVMDSBC discovers any such additional mosquito breeding habitats, it shall promptly inform the City. The Parties shall then meet and attempt in good faith to agree upon (i) additional services to be provided by MVMDSBC to control mosquito breeding in such additional habitats, and (ii) the amount to be charged by MVMDSBC for the increase in the scope of its services. If the Parties are unable to reach such an agreement, there shall be no increase in the scope of services or in the amount to be charged by MVMDSBC.

4. **Safety**. MVMDSBC personnel shall avoid activities that may pose a hazard, directly or indirectly, to aeronautical activities at the Property. At no time shall MVMDSBC personnel enter the Controlled Movement Area of the SBA or aprons without prior approval and escort by SBA staff. The "Controlled Movement Area" is defined as the runways, taxiways, and other areas of the Airfield which are used for taxiing, takeoff, and landing of aircraft.

5. **Security**. All MVMDSBC personnel performing services on the Property shall operate in strict compliance with the SBA's security program by fulfilling all security related requirements and regulations related to entering and operating within the Air Operations Area.

6. **Updates to MMP**. MVMDSBC shall, in consultation with the City, prepare an updated MMP every two (2) years, or more frequently if circumstances so require. Each updated MMP shall (i)

include updated projected costs for labor, materials, equipment, and other expenses, (ii) identify any additional breeding sites or habitat areas on the Property, and (iii) contain an assessment regarding the overall effectiveness of MVMDSBC's mosquito control services. Each updated MMP shall be approved in writing by the City. Upon such written approval, each updated MMP shall (a) supersede and replace the MMP then in effect, and (b) be incorporated herein by reference and made a part hereof. MVMDSBC shall perform mosquito control services for the City in accordance with the MMP then in effect until such time as an updated MMP has been approved in writing by the City, or until this MOU is terminated as provided herein.

7. **Access**. During the City's normal business hours, as specified on Exhibit "A", the SBA shall provide MVMDSBC with reasonable access to the Property to enable MVMDSBC to carry out its responsibilities under this MOU. If MVMDSBC requires access to the Property at times or on days that are not within the SBA's normal business hours, MVMDSBC shall make arrangements with the SBA for such access at least 24 hours in advance. MVMDSBC staff shall check in and check out with the SBA each time they access the Property. In entering upon the Property and providing services pursuant to this MOU, MVMDSBC shall reasonably endeavor to avoid interference with the SBA's normal operations. MVMDSBC shall promptly repair and/or replace, at its expense, any property or improvements that are damaged or destroyed as a result of its entry on the Property. Repair and/or replacement responsibilities are only for damage or destruction solely attributed to MVMDSBC.

MVMDSBC shall exercise extreme caution when entering environmentally-sensitive habitat areas (ESHAs) on the Property in order to minimize impacts to these environments. SBA shall facilitate less impactful access to ESHAs by maintaining access roads and trails clear of vegetation and other obstacles on berms and other locations along the perimeters of the basins on the property. MVMDSBC shall contact SBA if any access roads or trails require clearing or maintenance.

8. **Fees**. The City agrees to pay MVMDSBC on a time and materials basis in accordance with the labor rates and cost projections set forth in the MMP for all labor time spent, materials furnished, equipment utilized, and expenses incurred in connection with the services provided under this MOU. The amount payable by the City shall not exceed the grand total of all charges set forth in the MMP for the fiscal year in question, unless otherwise agreed by the City in writing. Notwithstanding the foregoing, if during the two-year term of this MOU the labor rates and/or prices for materials as set forth in MMP increase, the MMP and the grand total of all charges set forth therein shall be revised to reflect such increase(s). MVMDSBC shall provide to the City such documentation as the City may reasonably request relating to any such increases. In addition, if approval of this MOU or the issuance of any permits by any governmental or regulatory agency or authority is required in connection with the services to be provided hereunder, including, but not limited to, approval by the Local Agency Formation Commission, the City shall pay all application fees and other costs associated with obtaining such approvals and permits.

9. **Billing and Payment**. MVMDSBC shall invoice the City approximately every three months for the fees and costs payable pursuant to Section 8 , above; provided, however, that application fees and other costs associated with obtaining required approvals and permits in connection with the services to be provided hereunder shall be invoiced at the time the fees and costs are incurred. Invoices shall be due upon receipt by the City. Any invoice not paid within thirty (30) days of receipt shall be considered delinquent and shall be subject to a 2% late payment charge, not as a penalty, but to reasonably compensate MVMDSBC for the administrative costs, accounting expenses, and other adverse consequences it would incur as a result of such late payment. The City and MVMDSBC agree that MVMDSBC's actual damages in the event of a late payment by the City would be impracticable or extremely difficult to determine and that the 2% late payment charge represents a reasonable estimate of such damages.

10. Indemnification.

(a) MVMDSBC shall indemnify, defend and hold harmless the City and the City's officers, directors, employees and agents from and against any and all claims, demands, causes of action, fines, penalties, liabilities, damages, costs and expenses (including but not limited to fees of attorneys and other professionals) that are attributable to (i) the breach of any of MVMDSBC's obligations under this MOU, or (ii) the negligence or willful misconduct of MVMDSBC or its officers, employees, agents, contractors, or any person under MVMDSBC's direction or control, in connection with the services provided by MVMDSBC hereunder, except to the extent that such claims, demands, causes of action, fines, penalties, liabilities, damages, costs and/or expenses are attributable to the negligence or willful misconduct of the City or its officers, employees, agents, contractors, or any person under the City's direction or control.

(b) The City shall indemnify, defend and hold harmless MVMDSBC and MVMDSBC's officers, directors, employees and agents from and against any and all claims, demands, causes of action, fines, penalties, liabilities, damages, costs and expenses (including but not limited to fees of attorneys and other professionals) that are attributable to (i) the breach of any of the City's obligations under this MOU, or (ii) the negligence or willful misconduct of the City or its officers, employees, agents, contractors, or any person under the City's direction or control, in connection with the services provided by hereunder, except to the extent that such claims, demands, causes of action, fines, penalties, liabilities, damages, costs and/or expenses are attributable to the negligence or willful misconduct of MVMDSBC or its officers, employees, agents, contractors, or any person under MVMDSBC's direction or control.

11. Term and Termination. The services to be provided pursuant to this MOU shall commence on the date set forth on Exhibit "A" and shall continue for two years or until this MOU is terminated as provided herein. This MOU may be terminated with or without cause by either MVMDSBC or the City upon thirty (30) days written notice to the other Party. Upon the termination of this MOU and the presentation of a final invoice, the City shall pay MVMDSBC for all labor time spent, materials furnished, equipment utilized, and expenses incurred in connection with the services provided hereunder prior to the effective date of termination.

12. Insurance. MVMDSBC shall maintain during the term of this MOU general liability coverage relating to the services to be provided hereunder with a minimum of $1,000,000 combined single limit coverage for personal injury, bodily injury and property damage. Said policy coverage shall name the City and its directors, officers, agents and employees as an additional insured or as an Additional Covered Party. MVMDSBC shall also maintain during the term of this MOU workers compensation insurance in the amounts required by law. Prior to commencing services, MVMDSBC shall furnish the City with certificates of insurance evidencing the coverage required above. Such certificates shall provide that the carrier will give the City at least thirty (30) days prior notice of cancellation of coverage (ten (10) days for nonpayment of premium). MVMDSBC shall provide the City with new certificates of insurance evidencing the renewal of coverage prior to the expiration of any policy required hereunder. MVMDSBC shall be permitted to satisfy the insurance requirements set forth herein through participation in the Vector Control Joint Powers Agency pooled liability program.

13. No Third Party Beneficiaries. This MOU is intended for the benefit of the parties hereto and their respective successors and assigns, and is not for the benefit of any other Person.

14. Entire Agreement/Amendment. This MOU (including all exhibits attached hereto) is the final expression of and contains the entire agreement between the parties with respect to the subject matter hereof and supersedes all prior understandings and communications with respect thereto. This MOU may not be modified, except by a written instrument signed by the Parties. All exhibits, schedules

and appendices attached to this MOU are incorporated herein by reference and are made a part hereof. In the event of a conflict between this MOU and an attachment or exhibit to this MOU, the terms of this MOU control.

15. **Professional Fees**. In the event of any action or suit arising in connection with the enforcement or interpretation of any of the covenants or provisions of this MOU, the prevailing party shall be entitled to recover all costs and expenses of the action or suit, including reasonable attorneys' fees, accounting fees and any other professional fees incurred in connection therewith.

16. **Severability**. Should any provision of this Agreement be determined to be void, invalid, unenforceable or illegal for whatever reason, such provision(s) shall be null and void; however, the remaining provisions of this Agreement shall be unaffected thereby and continue to be valid and enforceable.

17. **Waiver**. No waiver of any breach of any provision herein and no delay in enforcing performance of any obligation hereunder shall be deemed a waiver of any preceding or succeeding breach, or of any other provision herein, and no such waiver or delay shall impair any right, power or remedy relating to the breach. No extension of time for the performance of any obligation or act shall be deemed an extension of the time for the performance of any other obligation or act.

18. **Construction**. Headings at the beginning of each section, subsection, paragraph and subparagraph are solely for the convenience of the Parties and shall not affect the interpretation of this MOU. Whenever required by the context of this MOU, the singular shall include the plural and the masculine shall include the feminine and vice versa. This MOU shall not be construed as if it had been prepared by one of the Parties, but rather as if both Parties had prepared the same.

19. **Signatures**. This MOU may be executed in any number of counterparts, each of which shall be deemed to be an original, but all of which together shall constitute one and the same instrument. If executed copies of this MOU, or if any notices or other written communications permitted or required hereunder, are provided by one party to the other by facsimile or email transmission, the facsimile or email copies and the signatures thereon shall for all purposes be treated as originals.

20. **Authority**. The person executing this MOU on the City's behalf represents and warrants that (i) he or she has been duly authorized by the City's legislative body to execute this MOU on behalf of the City, (ii) the City's legislative body has duly approved this MOU on or about the date set forth on Exhibit "A", and (iii) the body or individual identified on Exhibit "A" shall have the authority on the City's behalf to approve in writing (a) changes to the scope of services pursuant to Section 3 hereof, and (b) future updates to the MMP pursuant to Section 6 hereof.

21. **Notices**. Any notices permitted or required hereunder shall be in writing and shall be (a) given by personal delivery, (b) mailed by certified or registered mail, postage prepaid, return receipt requested, (c) sent by reputable overnight delivery service (e. g. , UPS, FedEx, or DHL), or (d) sent by facsimile or email transmission. The contact information for MVMDSBC is as follows:

Mosquito and Vector Management District of Santa Barbara County
Attn: General Manager
P.O. Box 1389
2450 Lillie Avenue
Summerland, CA 93067
Fax: (805) 969-5643
Email: gm@mvmdistrict.org

The contact information for the City is set forth in Exhibit A. Either party may change its contact information for notice purposes by giving notice of such change in the manner set forth above.

22. **Assignment**. Neither Party may assign any of its rights or delegate any of its obligations under this MOU, in whole or in part, without the prior written consent of the other Party.

23. **Further Assurances**. The Parties each agree to take such actions and execute such documents as may be reasonably required to carry out the intent of this MOU.

24. **Time of Essence**. Time is strictly of the essence with respect to each and every term, condition, obligation and provision hereof. Failure to timely perform any of the terms, conditions, obligations or provisions hereof by any party shall constitute a material breach of and a non-curable (but waivable) default under this MOU by the Party so failing to perform.

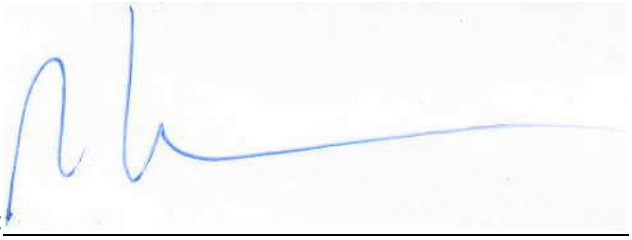
25. **Force Majeure**. Neither Party hereto shall be liable to the other Party for any losses or damages attributable to a default in or breach of this MOU which is the result of any cause beyond the reasonable control of such Party and without its fault (including, without limitation, effects of fire, strike, war, insurrection, terrorism, acts of God, civil or military authority, civil disturbance and government restriction or prohibition), and the performance of obligations hereunder shall be suspended during, but no longer than, the existence of such cause. The Party affected by any event of force majeure shall inform the other Party in writing without delay and shall endeavor to take up its performance under this MOU again as soon as reasonably possible.

26. **Governing Law**. The Parties agree that (i) this MOU shall be governed by the laws of the United States of America and the State of California, (ii) in the event of any dispute, the Parties shall be subject to the jurisdiction of the courts of the State of California, and (iii) in any action arising in connection with this MOU, venue shall be in the County of Santa Barbara, State of California.

IN WITNESS WHEREOF, MVMDSBC and the City have executed this MOU on the date(s) set forth below.

"MVMDSBC"

MOSQUITO AND VECTOR MANAGEMENT
DISTRICT OF SANTA BARBARA COUNTY

By: 
Brian Cabrera, General Manager

Dated: October 6, 2025

"City"

CITY OF SANTA BARBARA

By: _____
Signature

_____
Name and Title

Dated: _____

ATTACHMENTS:
Exhibit A: MOU Approval
Exhibit B: Mosquito Management Plan for the Santa Barbara Airport, Fiscal Year 2025-2026

EXHIBIT A – MOU Approval

Description of Property: Santa Barbara Airport

Date of Initial Mosquito Management Plan: July 8, 2021

The Santa Barbara Airport's Normal Business Hours: 8:00 AM – 5: 00 PM

Term for Services: October 2, 2025 – October 2, 2026

Approval Date of MOU by the Santa Barbara Airport's Legislative Body: _____

Approval Date of MOU by MVMDSBC's Board of Trustees: October 2, 2025

Approval Authority for Changes and Updates to MMP:

Check appropriate box:

□ Updates to the MMP must be approved by the City of Santa Barbara legislative body

□ Updates to the MMP may be approved by: _____
Title: _____

Contact Information for the Santa Barbara Airport:

Contact Person: Andrew Bermond
Address: Airport Facilities Manager; 1699 Firestone Rd; Santa Barbara CA 93117
Phone: 805-692-6057
Email: abermond@santabarbaraca.gov

Bill to: Airport Administration – Attn: Facilities
Address: 601 Firestone Rd; Santa Barbara CA 93117
Phone: 805-967-7111
Email: SBAAccounting@santabarbaraca.gov

EXHIBIT B

MOSQUITO MANAGEMENT PLAN
SANTA BARBARA AIRPORT
FISCAL YEAR 2025-2026

Date prepared: October 2, 2025

Prepared by: Jessica Sprigg, Admin. Asst.

For the Santa Barbara Municipal Airport:

Agreed: _____ _____
Signature Date

_____ _____
Print name Title

INTRODUCTION

The Mosquito and Vector Management District of Santa Barbara County (the "MVMDSBC") provides the following scope of work, schedule of costs, and estimate for the annual cost of services by the MVMDSBC to provide mosquito and mosquito-borne disease surveillance and control for the Santa Barbara Municipal Airport (the "SBA").

The Mosquito and Vector Management District of Santa Barbara County (MVMDSBC) is an independent special district responsible for controlling and monitoring vector-borne diseases and mosquito populations. It has provided mosquito control services in the Carpinteria Valley since 1936 and in the Goleta Valley since 1959. MVMDSBC operates under the authority of California Health and Safety Code §2000 et seq., which not only grants broad powers but also establishes a framework that expects and enables districts to conduct surveillance, prevention, abatement, and control programs in response to public health and safety threats from vectors.

MVMDSBC is contracted to provide mosquito management services at the SBA. Upon high numbers of adult mosquitoes captured in traps, complaints of nuisance biting by mosquitoes, recent rainfall events with moderate to high precipitation, or specific requests by the SBA, the MVMDSBC will inspect mosquito sources for larval mosquitoes and treat accordingly. Sites with standing water may also be periodically inspected to monitor for the presence of mosquito larvae and treated, if necessary.

SCOPE OF WORK

A. Methods and Materials.

a. Materials

All products are used in strict accordance with the product's label directions. Product labels and safety data sheets are available on request. Any deviation from this mosquito management plan will be discussed with the SBA before treatments are applied.

All of the products listed in Table 1 may be used for treatments, upon approval by SBA. The treatment methods and larvicides used are based on factors such as the mosquito species, the development stages of the larvae that are present, habitat conditions, presence or absence of water, and costs. If necessary, SBA will be consulted on treatment options.

Table 1. Products options for pre- and post- mosquito larvae treatments.[1]

Product	Active Ingredient	EPA Regs No.	Signal Word
Pre-Mosquito Larvae Treatments			
Altosid Briquets	methoprene	2724-375	caution
Altosid Pellets	methoprene	2724-448	caution
Altosid P35	methoprene	89459-95	caution
Altosid XR	methoprene	2724-421	caution
Fourstar Briquets	Bacillus thuringiensis israelensis (Bti) and Bacillus sphaericus (Bs)	83362-3	caution
Fourstar CRG Granules	Bti and Bs	85685-4	caution
Natular DT	spinosad	8329-602	caution
Natular XRT	spinosad	8329-84	caution
Post-Mosquito Larvae Treatments			
VectoBac G	Bti	73049	caution
VectoBac GS	Bti	73049-10	caution
VectoLex FG	(Bs)	73049-20	caution
VectoMax WSP	Bti and Bs	73049-429	caution

[1] During emergency outbreaks that include the active spread of vector-borne diseases, including those defined under California Government Code Section 8558, MVMDSBC may have to use products not listed above. These products will be determined at the time of emergency and will be used in accordance with all applicable state and federal laws.

b. Methods

Pre-treatment larvicides are applied before the habitat is flooded. Pre-treatment is used on large habitats that experience seasonal wet/dry cycles, especially where subsequent aquatic vegetation growth hinders effective placement of post-treatment larvicides. Flooding activates the larvicide and controls mosquito larvae that are expected to appear in the habitat. Larvicides used for pre-treatments often are extended-release products. Pre-treat larvicides can also be used after a site floods to extend the effectiveness of treatment. Altosid and/or Natular are very effective for pre-treatment applications. Fourstar products are an alternative to larvicides containing Methoprene, and provide similar effectiveness for pre-treatment.

Post-treatment is an application of larvicide after flooding to extend the effectiveness of a pre-treatment. Post-treatment applications of products containing Bacillus thuringiensis or B. sphaericus are useful for quick suppression of mosquito larvae populations in the water.

All pre- and post- treatment materials are applied by trained MVMDSBC staff, and larvicides are applied only according to what is on the product label directions. MVMDSBC staff are fully certified by the California Department of Public Health ("CDPH") as Public Health Vector Control Technicians and have been certified in the category of Pesticide Application and Safety Training. Mosquito species, larval growth stages, water conditions and cost are factors that affect the method and materials used. The SBA may assist in determining the products desired for use.

MVMDSBC shall exercise extreme caution when entering environmentally-sensitive habitat areas ("ESHAs") on the Property in order to minimize impacts to these environments. MVMDSBC staff are required to remain mindful of wildlife during walking treatments, and stay on designated pathways when appropriate to do so. When MVMDSBC staff must leave designated pathways, they must be mindful of avoiding nests, eggs, or other wildlife features. MVMDSBC will notify the City prior to treatment, and a qualified biologist will either be supplied by the City or MVMDSBC during treatment in the Goleta Slough.

Prior to engaging in any treatment activities, MVMDSBC staff shall be required to review and acknowledge the provisions of this MOU, including Exhibit B, and sign the attached acknowledgment form included as Attachment 1.

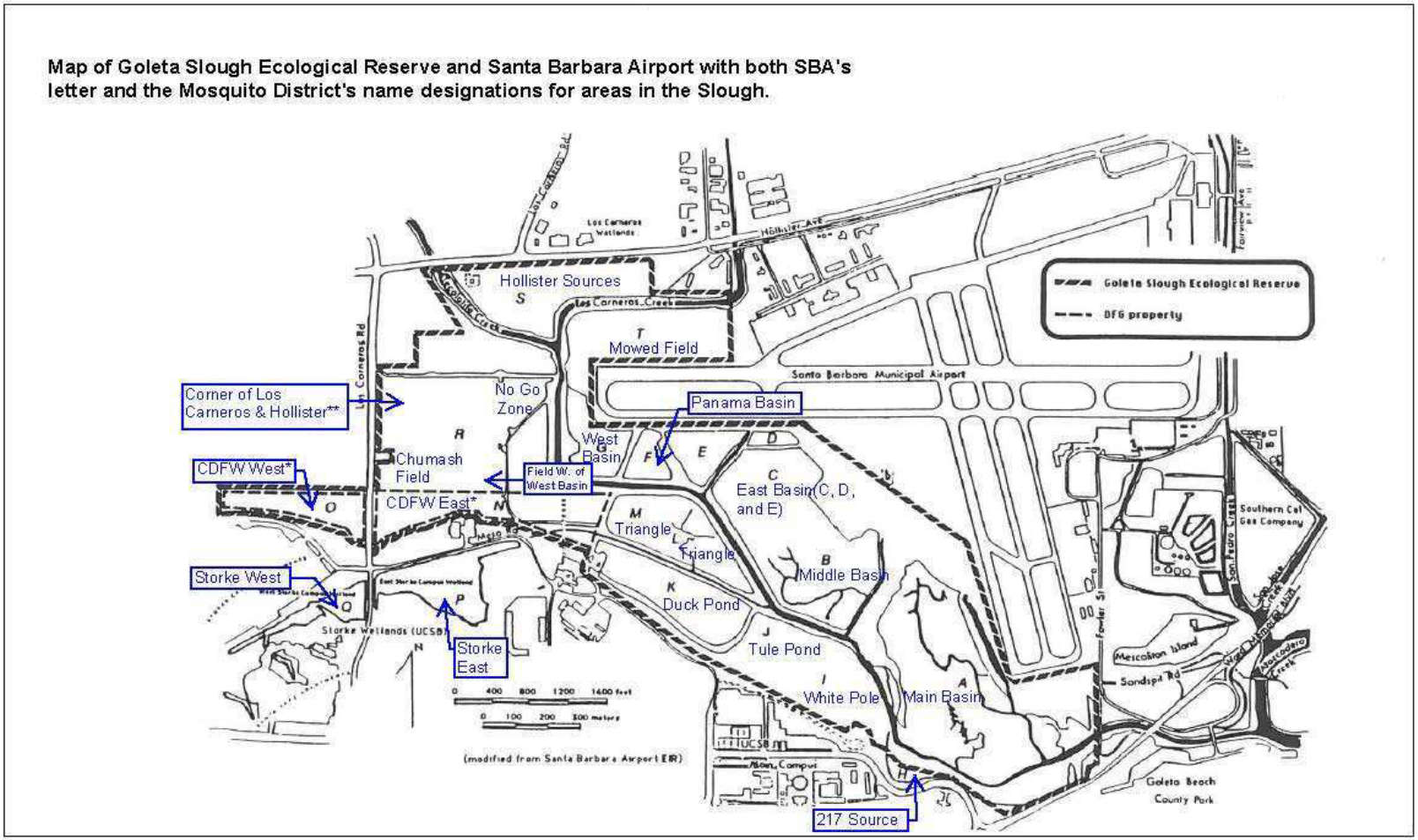
B. TREATMENT SITES

The MVMDSBC surveys sites to determine the degree of infestation and treats accordingly. The frequency of surveys and treatments of a site depends on the presence of water, ambient temperature, weather conditions, the presence of mosquito larvae and staff workloads.

The following sites (also identified in Figure 2) are proposed for treatment by the MVMDSBC. These sites on the SBA property are recognized as larval habitats that are sources of nuisance and disease vector mosquitoes.

1. "Duck Pond" in Area K
2. "Tule Pond" in Area J
3. Channel on south side of "Duck Pond" in Area K
4. Area L/M ("Triangle" Basin)
5. Area F ("Panama" basin)
6. Area G (the basin west of "Panama" basin)
7. Area E (the basin east of "Panama" basin)
8. Field Near Radar Installation
9. Area I ("White Pole Area")
10. Area I (field north of UCSB's Laundry Road)
11. Area R (marsh area southwest of the main runway)
12. Area A (the main basin near radar installation)
13. Area A (area of the main basin adjacent to Highway 217)
14. Ditch on the south side of Hollister Ave.
15. Miscellaneous habitats
16. Wetland south of Hollister Ave. near Los Carneros Rd.
17. Due southwest from the west end of the main runway, on both sides of Tecolote Creek
18. Middle Basin (located to the northeast of and adjacent to Area L/M)

Figure 2. SBA Treatment Are



A - "Main Basin"
B - "Middle Basin"
C, D & E - "East Basin"
F - "Panama Basin"
G - "West Basin"
H - "217 Source"
I - "White Pole"
J - "Tule Pond"
K - "Duck Pond"
L & M - "Triangle Basin"
N - "CDFW East"
O - "CDFW West"
P - "Storke East"
Q - "Storke West"
R - "Chumash Field"; "Field West of West Basin"; "No Go Zone"; Corner of Los Carneros & Hollister"
S - "Hollister Sources"
T - "Mowed Field"

* CDFW = CA Dept. of Fish & Wildlife
** MVMD divides Area R into four sections: "Chumash Field", "Field West of West Basin", "No Go Zone" and "Corner of Los Carneros & Hollister"

C. Compliance

All MVMDSBC staff working on SBA property will be in compliance with SBA's security program by fulfilling all requirements for operating within the Airport Operations Area. This includes passing the required training, wearing their SBA-issued AOA badges at all times and adhering to all airport security rules and procedures.

All pesticides used on SBA property and their application are in compliance with the City of Santa Barbara IPM program. The MVMDSBC only uses materials designated in the Green or Yellow category as defined in the City's IPM Strategy/PHAER Zone report.

Unless otherwise approved or authorized in compliance with all applicable laws, the use of off-road vehicles—including amphibious all-terrain vehicles such as "Argo" vehicles—is prohibited within the Goleta Slough, and MVMDSBC agrees not to use them, except for on established roads used for vehicles and maintained by SBA.

SCHEDULE OF COSTS

The MVMDSBC will charge on a time and materials basis. MVMDSBC will charge for mileage based on the Federal rate of $0.70 per mile. Mileage will be based as the one-way distance from the MVMDSBC office in Summerland to SBA, according to Google maps, which is 17.2 miles. Following are the costs:

Labor rates:

Vector Control Technician	$91.81 per hour
Vector Control Technician	$98.03 per hour
Lead Vector Control Technician	$104.30 per hour
Vector Biologist Technician	$110 per hour
Assistant Vector Control Technician	$38.40 per hour

Materials*:

2025 Pesticide Prices		
Product	Active Ingredient	Cost per lb.
Altosid pellets	Methoprene	$ 31.52
Altosid P35	Methoprene	$ 21.82
Altosid 30-day briquets	Methoprene	$ 124.95
Altosid XR	Methoprene	$ 52.76
Fourstar Briquets	Bacillus thuringiensis israelensis and Bacillus sphaericus	$ 76.56
Fourstar CRG Granules	Bacillus thuringiensis israelensis and Bacillus sphaericus	$ 21.50
Natular DT	Spinosad	$ 270.88
Natular XRT	Spinosad	$ 74.78
VectoBac G	Bacillus thuringiensis israelensis	$ 3.43
VectoLex	Bacillus sphaericus	$ 8.09
VectoMax	Bti and Bs	$ 100.40

*If the cost of materials increases, City staff shall be notified and City will be charged the updated costs.

Estimated annual cost of the MVMD's mosquito control program at the Santa Barbara Airport, per fiscal year.					
Material	**Cost**	**Unit**	**Estimated Amount Applied**	**Unit**	**Material Costs**
Altosid XR Briquets	$ 52.76	lb.	800	lbs.	$ 42,208
VectoBac G	$ 3.43	lb.	800	lbs.	$2,744
VectoLex FG	$ 8.09	lb.	200	lbs.	$1,618
Natular XRT	$ 74.78	lb.	100	lbs.	$7,478
Fourstar Briquets	$76.56	lb.	800	lbs.	$60,448
Fourstar CRG Granules	$21.50	lb.	200	lbs.	$4,300
				Sub-total[2] =	**$54,048 – $76,588**
Labor	**Rate**	**Unit**	**Estimated hours worked**	**Unit**	**Labor Costs**
Vector Control Technician	$91.81	hour	150	hours	$13,771
Vector Control Technician	$98.03	hour	115	hours	$11,273
Lead Vector Control Technician	$104.30	hour	115	hours	$11,995
Vector Biologist Technician	$110.00	hour	120	hours	$13,200
Assistant Vector Control Technician	$38.40	hour	60	**Hours**	$2,304
				Sub-total =	**$ 52,543**
Mileage	**One-way Distance**	**Estimated miles**	**Rate**	**Unit**	**Mileage cost**
	17.2	1,718	$0.70	Mile	$1,202.60
				Sub-total =	**$1,202.60**
				Grand total =	**$ 107,793.60 - $130,333.60**

ESTIMATE OF COSTS:

Materials: $54,048 - $76,588

Labor: $52,543

Mileage: $1,202.60

Total: $107,793.60 - $130,333.60

This estimate is based on historical average uses over the past four years. An itemized breakdown of material and labor costs is available upon request.

[2] The Fourstar products, if used, would replace the use of Altosid XR Briquets. Accordingly, a cost range is provided to inform the City of the potential expenses associated with all materials that may be used.

Vector control technicians perform the majority of the field work, which includes monitoring sites and applying larvicides. Charges will be made at the rate of the technician performing the work.

The grand total of all costs is not to exceed $130,333.60 per fiscal year.

The Mosquito and Vector Management District of Santa Barbara County welcomes the opportunity to provide its services to the Santa Barbara Municipal Airport. We appreciate the Santa Barbara Municipal Airport's commitment to protecting the public's health, safety, and quality of life.

ATTACHMENT 1

MOU ACKNOWLEDGEMENT FORM

I, _____, acknowledge that I have reviewed and understand the provisions outlined in the Memorandum of Understanding ("MOU"), including all Exhibits. I understand that this acknowledgment is required prior to engaging in any treatment activities. As part of this acknowledgement, I acknowledge that I will exercise extreme caution when entering environmentally-sensitive habitat areas ("ESHAs") on the Property in order to minimize impacts to these environments. I acknowledge that I am required to remain mindful of wildlife during walking treatments, and stay on designated pathways when appropriate to do so. When I must leave designated pathways, I acknowledge that I must be mindful of avoiding nests, eggs, or other wildlife features.

Agreed: _____ _____

Signature Date

_____ _____

Print name Title