



MARIN/SONOMA MOSQUITO & VECTOR CONTROL DISTRICT

VECTOR CONTROL ASSESSMENT No. 1

AMENDMENT TO OCTOBER 9, 1996

ENGINEER'S REPORT

FISCAL YEAR 2015-16

JUNE 2015

PURSUANT TO THE GOVERNMENT CODE, THE HEALTH AND SAFETY CODE, AND
ARTICLE XIID OF THE CALIFORNIA CONSTITUTION

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MARIN/SONOMA MOSQUITO & VECTOR CONTROL DISTRICT

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INTRODUCTION

OVERVIEW

The Marin/Sonoma Mosquito and Vector Control District ("District") is a public health agency dedicated to providing vector control and disease surveillance services in Marin and Sonoma Counties. The District, which is an independent special district (not part of any county or city), was the first mosquito abatement district in California, created on November 6, 1915, taking advantage of the newly approved 1915 Mosquito Abatement Act, to control the mosquitoes in Marin County. In 1976 the District annexed the central area of Sonoma County, becoming the Marin/Sonoma Mosquito Abatement District. In 1995 the district's original name, Mosquito Abatement District, was changed to its current name, Marin/Sonoma Mosquito and Vector Control District, to reflect the additional services offered to the public, that also include eradication of in-ground yellowjacket nests, tick surveillance, and provision of rodent control advice. (In 2004 the District expanded its services to cover the entirety of Marin and Sonoma counties. During this process the District formed a second Benefit Assessment District in the annexed areas in order to fund the provision of program services to the newly expanded service area.)

The Marin/Sonoma Mosquito and Vector Control District, Vector Control Assessment ("Assessment No. 1" or "Assessment District") was formed in 1996 to provide mosquito abatement and vector and disease control services to properties within the boundaries of the Vector Control Assessment No. 1. The boundaries of Assessment No. 1 cover approximately one-third of the total area of Marin and Sonoma Counties, encompassing approximately 960 square miles and servicing over 650,000 residents. This area extends over the eastern, more densely populated areas of Marin and Sonoma Counties, including the cities of Belvedere, Corte Madera, Fairfax, Greenbrae, Kentfield, Larkspur, Mill Valley, Novato, Ross, Sausalito, San Anselmo, San Rafael, and Tiburon in Marin County, and Cotati, Petaluma, Rohnert Park, Santa Rosa, Sebastopol, Sonoma, and Windsor in Sonoma County, as well as surrounding unincorporated areas ("Service Area").

The Service Area projects and services are funded by a benefit assessment (Assessment No. 1), property tax revenues, service contracts, grants, and civil liabilities, pursuant to Health and Safety Code Section 2000 *et seq.* The District maintains service contracts with some large landowners and/or water dischargers, and solicits grants for research and interagency habitat management projects. In some cases, the District accepts civil liability settlements from the Marin or Sonoma County District Attorney or the California Department of Fish and Game when these settlements are directed at habitat management projects consistent with the District's Mission.

The mosquito abatement, vector control services and environmental improvements proposed to be undertaken by the Assessment No. 1, to be financed by the levy of the annual assessment, provide special benefit to Assessor Parcels within the District as defined in the Method of Apportionment herein. The said services and improvements (collectively "Services") consist of mosquito control services, such as mosquito surveillance, source

reduction, larvicide and adulticide applications, disease monitoring, public education, reporting, accountability, research and interagency cooperative activities.

Additional plans and specifications are filed with the District Manager of the Marin/Sonoma Mosquito and Vector Control District.

On October 9, 1996 with resolution 96/97-3, the District adopted a vector surveillance and control assessment ("Assessment No. 1" or "Assessment District") for fiscal year 1997-98 and every year thereafter for the purpose of funding vector surveillance and control activities and projects within the District. The Assessment No. 1 is an annual assessment imposed for vector control services in effect prior to the effective date for Proposition 218 and, therefore, is not fully subject to the procedures and approval process established for new vector assessments by Proposition 218.

This Engineer's Report ("Report") was prepared to:

- Describe the Services that will be funded by the assessments,
- Establish a budget for the Services that will be funded by the 2015-16 assessments,
- Reiterate the benefits received from the Services by property within the Mosquito and Vector Control District ("Assessment District"), and
- Reiterate the method of assessment apportionment to lots and parcels within the Assessment District.

As used within this Report, the following terms are defined:

"Vector" means any animal capable of transmitting the causative agent of human disease or capable of producing human discomfort or injury, including, but not limited to, mosquitoes, flies, mites, ticks, other arthropods, and small mammals and other vertebrates (Health and Safety Code Section 2002(k)).

"Vector Control" shall mean any system of public improvements or services that is intended to provide for the surveillance, prevention, abatement, and control of vectors as defined in subdivision (k) of Section 2002 of the Health and Safety Code and a pest as defined in Section 5006 of the Food and Agricultural Code (Government Code Section 53750(l)).

The District operates under the authority of the Mosquito Abatement and Vector Control District Law of the State of California. Following are excerpts from the Mosquito Abatement and Vector Control District Law of 2002, codified in the Health and Safety Code, Section 2000, et seq. which serve to summarize the State Legislature's findings and intent with regard to mosquito abatement and other vector control services:

2001. (a) *The Legislature finds and declares all of the following:*

(1) *California's climate and topography support a wide diversity of biological organisms.*

(2) *Most of these organisms are beneficial, but some are vectors of human disease pathogens or directly cause other human diseases such as hypersensitivity, envenomization, and secondary infections.*

(3) *Some of these diseases, such as mosquitoborne viral encephalitis, can be fatal, especially in children and older individuals.*

(4) *California's connections to the wider national and international economies increase the transport of vectors and pathogens.*

(5) *Invasions of the United States by vectors such as the Asian tiger mosquito and by pathogens such as the West Nile virus underscore the vulnerability of humans to uncontrolled vectors and pathogens.*

(b) *The Legislature further finds and declares:*

(1) *Individual protection against the vectorborne diseases is only partially effective.*

(2) *Adequate protection of human health against vectorborne diseases is best achieved by organized public programs.*

(3) *The 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.*

(4) *Since 1915, mosquito abatement and vector control districts have protected Californians and their communities against the threats of vectorborne diseases.*

(c) *In enacting this chapter, it is the intent of the Legislature 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.*

(d) *It is also the intent of the Legislature that mosquito abatement and vector control districts cooperate with other public agencies to protect the public health, safety, and welfare. Further, the Legislature encourages local communities and local officials to adapt the powers and procedures provided by this chapter to meet the diversity of their own local circumstances and responsibilities.*

Further the Health and Safety Code, Section 2082 specifically authorizes the creation of benefit assessments for vector control, as follows:

(a) A district may levy special benefit assessments consistent with the requirements of Article XIID of the California Constitution to finance vector control projects and programs.

This Engineer's Report incorporates and is intended to be consistent with the benefit determinations, assessment apportionment methodology and other provisions established by Resolution 96/97-3 and the other documents and reports that established the

Assessment District. Reference is hereby made to Resolution 96/97-3 and other supporting reports and documents for further details.

ENGINEER'S REPORT AND CONTINUATION OF ASSESSMENTS

The Assessment District was formed in 1996 to provide mosquito abatement and vector and disease control services, and to continue providing the Services in future years, funded by the levy of the annual assessments, as long as the Services are needed within the Service Area. In each subsequent year for which the assessments will be continued, the Board must preliminarily approve at a public meeting a budget for the upcoming fiscal year's costs and services, an updated annual Engineer's Report, and an updated assessment roll listing all parcels and their proposed assessments for the upcoming fiscal year. At this meeting, the Board will also call for the publication in a local newspaper of a legal notice of the intent to continue the assessments for the next fiscal year and set the date for the noticed public hearing. At the annual public hearing, members of the public can provide input to the Board prior to the Board's decision on continuing the services and assessments for the next fiscal year.

The 2015-16 budget includes outlays for capital equipment, supplies, disease testing programs, vector control programs and contract abatement services, as well as funding for programs to test for, control, monitor and/or abate West Nile virus and other viruses, tick-borne diseases, and mosquitoes that are needed to provide additional vector control and public health protection services. If the Board approves this Engineer's Report for fiscal year 2015-16 and the continuation of the assessments by resolution, a notice of assessment levies will be published in a local paper at least 10 days prior to the date of the public hearing. Following the minimum 10-day time period after publishing the notice, a public hearing will be held for the purpose of allowing public testimony about the proposed continuation of the assessments for fiscal year 2015-16. At this hearing, the Board will consider approval of a resolution confirming the continuation of the assessments for fiscal year 2015-16. If so confirmed and approved, the assessments will be submitted to the Marin and Sonoma County Auditors for inclusion on the property tax rolls for Fiscal Year 2015-16.

PROPOSITION 218

This assessment was formed prior to the implementation of Proposition 218, the Right to Vote on Taxes Act, which was approved by the voters of California on November 6, 1996, and is now Article XIIC and XIID of the California Constitution; and therefore, this assessment is not fully subject to its requirements. Nevertheless, a brief discussion of Proposition 218 is provided to indicate that this proposition effectively strengthens the special benefit justification for this assessment.

Proposition 218 provides for benefit assessments to be levied to fund the cost of providing services, improvements, as well as maintenance and operation expenses to a public improvement which benefits the assessed property. When Proposition 218 was initially approved in 1996, it allowed for certain types of assessments to be "grandfathered" in, and these were exempted from the property-owner balloting requirement.

Beginning July 1, 1997, all existing, new, or increased assessments shall comply with this article. Notwithstanding the foregoing, the following assessments existing on the effective date of this article shall be exempt from the procedures and approval process set forth in Section 4:

(a) Any assessment imposed exclusively to finance the capital costs or maintenance and operation expenses for sidewalks, streets, sewers, water, flood control, drainage systems or vector control.

Vector control was specifically “grandfathered in,” underscoring the fact that the drafters of Proposition 218 and the voters who approved it were satisfied that funding for vector control is an appropriate use of benefit assessments, and therefore confers special benefit to property.

GENERAL DESCRIPTION OF THE DISTRICT AND SERVICES

ABOUT THE DISTRICT

The Marin/Sonoma Mosquito and Vector Control District is an independent special district which purpose is to protect the public health, safety and welfare from mosquitoes and vector-borne disease by controlling and monitoring mosquitoes, and other harmful vectors and pests such as ticks and yellowjackets. The District protects the usefulness, desirability and livability of property and the inhabitants of property within its jurisdictional area through the abatement of vertebrate and invertebrate vectors. In addition, the District regularly tests for diseases carried by mosquitoes and ticks, and educates property owners and the occupants of property in the District about how to protect themselves from diseases transmitted by these and other organisms.

SUMMARY OF SERVICES

The Marin/Sonoma Mosquito and Vector Control District utilizes an Integrated Vector Management Program (IVMP) to manage vector populations (e.g., mosquitoes) and minimize the risk of vector-borne disease. For example, the District monitors and manages mosquito populations to minimize the risk of pathogen transmission (e.g., West Nile virus), disruption of human activities and the enjoyment of public and private areas, as well as the injury and discomfort that can occur to residents and livestock due to populations of biting mosquitoes. The pathogens currently of most concern are those that cause Western Equine Encephalitis (WEE), St. Louis Encephalitis (SLE), West Nile virus (WNV), dog Heartworm, Malaria, Chikungunya, Dengue Fever and Yellow Fever, which are transmitted by mosquitoes; Plague and Murine Typhus transmitted by fleas; Leptospirosis and Hantavirus Pulmonary Syndrome associated with rats and other rodents; and Lyme disease, spotted fever group *Rickettsia*, Babesiosis, Anaplasmosis, *Borrelia miyamotoi*, tularemia and Ehrlichiosis transmitted by ticks.

The spread of these pathogens and the diseases they cause is minimized through ongoing vector surveillance activities, source reduction, source treatment, abatement, and educational outreach. These efforts also minimize the impacts vectors can have on residents, such as pain, allergic reactions, and discomfort from mosquito and yellowjacket bites. To fulfill this purpose, the District may take any and all necessary steps to control mosquitoes, monitor rodents and other vectors, and perform other related vector control services.

The District implements projects and programs for surveillance, prevention, abatement, and control of vectors within the Service Area. Such mosquito abatement and vector control projects and programs include, but are not limited to, public education, surveillance, source reduction, biological control, larvicide and adulticide applications, disease monitoring, reporting, accountability, research and interagency cooperative activities, as well as capital costs, maintenance, and operation expenses (collectively "Services"). The cost of these services also includes capital costs comprised of equipment, capital improvements and

facilities, as well as operational and administrative services necessary and incidental to the vector control program.

The Services are further defined as follows:

- Response to mosquito problems as well as other pestiferous or disease transmitting organisms.
- Control of mosquito larvae in sources such as catch basins, industrial drains, agricultural sources, ditches, drain lines, vaults, wastewater treatment plants, under buildings, residences, horse troughs, freshwater marshes, salt marshes, creeks, septic systems and other sources.
- Control of rodents through public education, exclusionary methods and information dissemination.
- Monitoring of Hantavirus-bearing rodents, and other harmful vectors, such as Wood Rats, Deer Mice, Harvest Mice, and Meadow Voles, through property inspection, recommendations for exclusion, control, and public education.
- Surveying and analyzing mosquito larvae population data to assess public health risks and allocate control efforts.
- Monitoring of mosquito populations using adult mosquito traps such as, host seeking traps (e.g., carbon dioxide baited traps), New Jersey light traps, and oviposition traps.
- Monitoring for pathogens carried and transmitted by mosquitoes and other arthropods, such as Encephalitis and West Nile virus.
- Deploying sentinel chicken flocks, testing of mosquito pools, and assisting State and local public health agencies with blood analytical studies.
- Distributing printed material, brochures, social media messaging, media materials that describe what residents, employees and property owners can do to keep their homes and property free of mosquitoes and other vectors.
- Cooperating with the California Department of Public Health Services and State Universities to survey and identify arthropod-borne pathogens such as Lyme disease and Plague found in parks, on trails and other locations frequented by property owners and residents.
- Facilitating testing and monitoring for pathogens carried and transmitted by ticks, such as Lyme disease, Ehrlichiosis, spotted fever group *Rickettsia*, and Babesiosis.
- Monitoring and/or advising residents on controlling other potentially hazardous organisms and vectors such as ticks, mites, and fleas.
- Educating property owners and residents about the risks of diseases transmitted by insects and small mammals and how to better protect themselves and their pets.
- Assisting government agencies and universities in testing for Hantavirus, Arenavirus, Plague and other pathogens carried by small mammal populations.
- Monitoring of new and emerging vectors such as the Asian Tiger mosquito and Yellow fever mosquito.
- Testing for and control of new and emerging pathogens.

The District protects the public from vector-borne pathogens and injury and discomfort caused by mosquitoes in an environmentally compatible manner, through a coordinated set of activities and methods collectively known as the Integrated Vector Management Program (IVMP) as mentioned earlier. For all vector species, pathogens, and disease, public education is a primary control and prevention strategy. In addition, the District determines the abundance of vectors and the risk of vector-borne pathogen transmission or discomfort through evaluation of public service requests, communication with the public and agencies, and field and laboratory surveillance activities. If mosquito populations, for example, exceed or are anticipated to exceed predetermined guidelines, District staff employs the most efficient, effective, and environmentally sensitive means of control for the situation. Where feasible, water management or other source reduction activities (e.g., physical control) are instituted to reduce vector production. In some circumstances, the District also uses biological control such as the planting of mosquitofish. When these approaches are not effective or are otherwise inappropriate, pesticides are used to treat specific vector producing or vector-harboring areas.

ESTIMATE OF COST – FISCAL YEAR 2015-16

FIGURE 1 – COST ESTIMATE FOR FISCAL YEAR 2015-16

Vector Control Services and Related Expenditures			
Salaries and Benefits		\$	4,923,752
Services and Supplies		\$	2,338,019
Capital Facilities and Equipment		\$	125,752
			\$ 7,387,523
Less:			
District Contribution for General Benefit & Other Revenue Sources¹			
Ad Valorem Taxes		\$	(3,875,623)
Interest Earned		\$	(25,256)
Misc. Income / Contracts		\$	(200,000)
Transfer from Reserves		\$	(147,487)
			\$ (4,248,365)
			\$ 3,139,158
Total Vector Control Services		\$	3,139,158
(Net Amount to be Assessed)			
Budget Allocation to Property			
	Total SFE Units ²	Asmt / SFE ³	Total Assessment ⁴
Marin County	94,868	\$12.00	\$1,138,416
Sonoma County	166,729	\$12.00	\$2,000,742
	261,597		\$3,139,158

Notes to Estimate of Cost:

1. The District contribution from other revenue sources, other than Assessment #1, includes revenues from Ad Valorem taxes, interest earned, miscellaneous income and contracts, and transfers from reserves. This funding from other sources more than compensates for any general benefits received by the properties within the assessment district, as described in the next section, Method of Apportionment, General versus Special Benefit.
2. SFE Units means Single Family Equivalent benefit units. See the section "Assessment Apportionment" for further definition.
3. The assessment rate per SFE is the total amount of assessment per Single Family Equivalent benefit unit.
4. The proceeds from the assessments will be deposited into a special fund for the Assessment. Funds raised by the assessment shall be used only for the purposes stated within this Report. Any balance remaining at the end of the fiscal year, June 30, must be carried over to the next fiscal year. The Total Assessment Budget is the sum of the final property assessments rounded to the lower penny to comply with the County Auditors' levy submission requirements. Therefore, the total assessment amount for all parcels subject to the assessments may vary slightly from the net amount to be assessed.

METHOD OF APPORTIONMENT

GENERAL VERSUS SPECIAL BENEFIT

Government Code section 53753.5 provides that Assessment No. 1 is exempt from the Proposition 218 requirement to separate general and special benefits. Nevertheless, Assessment No. 1 generally satisfies the special and general benefit requirements under Proposition 218.

The Marin/Sonoma Mosquito and Vector Control District, is a Special District created pursuant to the laws of the State of California. There are many types of Special Districts that provide a variety of urban services. Special Districts, like the Marin/Sonoma Mosquito and Vector Control District, are created to provide a higher level of service within their boundaries than what would be provided in their service area in absence of the Special District.

Assessment No. 1 allows the District to provide its mosquito control services within its Service Area at a much higher level than what otherwise would be provided in absence of the Assessments. Moreover, in absence of the Assessments, no other agency would provide the Services, or the District would be forced to provide a severely reduced level of Services.

All of the Assessment proceeds derived from the Assessment District will be utilized to fund the cost of providing an improved level of tangible "special benefits" in the form of mosquito control and surveillance, source reduction, larvicide and adulticide applications, disease monitoring, public education, reporting, accountability, research and interagency cooperative activities, other services and costs incidental to providing the Services and collecting the Assessments.

The improved services funded by the assessment is a special benefit over and benefit the baseline level of services that would be provided in the absence of the assessment revenue. The baseline level of services constitute general benefit to property generally and the public at large. The general benefit or baseline services are funded by District property tax and other non-assessment revenue.

Although some services and improvements may be available to the general public at large, the enhanced mosquito control services in the Assessment District were specifically created to provide additional vector control services and environmental improvements for property inside the Assessment District, and not the public at large. Other properties that are either outside the Assessment District or within the Assessment District and not assessed, do not enjoy the reduced mosquito and vector populations and other special benefit factors described previously

These services and improvements are of special benefit to properties located within the Assessment District because they provide a direct advantage to properties in the

Assessment District that would not be provided in absence of the Assessments. Without the Assessments the District would not provide an acceptable level of mosquito control services, and mosquito and vector populations would increase. If this happened, it would create a significant and material negative impact on the desirability, utility, usability, and functionality of property in the Assessment District. In fact, it is reasonable to assume that if Assessments were not collected and the mosquito and vector control services and improvements were not provided at the current level, as a result, properties in the Assessment District would decline in desirability, utility and value by significantly more than the amount of the Assessment. We therefore conclude that all the services and improvements funded by this Assessment are of special benefit to certain benefiting properties located within the Assessment District and that the value of the special benefits from the services and improvements to property in the Assessment District reasonably exceeds amount of the Assessments for every assessed parcel in the Assessment District.

Special note regarding General Benefit and the 2008 Silicon Valley Taxpayers Association, Inc. v. Santa Clara County Open Space Authority ("SVTA") decision:

There is no widely-accepted or statutory formula for calculating general benefit. General benefits are benefits from improvements or services that are not special in nature, are not "particular and distinct" and are not "over and above" benefits received by other properties. The SVTA decision provides some clarification by indicating that general benefits provide "an indirect, derivative advantage."

Although the analysis used to support these assessments concludes that the benefits are solely special, as described above, consideration is made for the suggestion that a portion of the benefits are general. General benefits cannot be funded by these assessments; the funding must come from other sources.

The services and improvements provided by the District are also partially funded, directly and indirectly from other sources including Marin/Sonoma Mosquito and Vector Control District, the Counties of Marin and Sonoma, and the State of California. This funding comes in the form of property tax revenues, interests, service contracts, grants, civil liabilities, and general funds. This funding from other sources more than compensates for general benefits, if any, received by the properties within the Service Area.

In the 2009 Dahms case (Dahms v. Downtown Pomona Property) the court upheld an assessment that was 100% special benefit on the rationale that the services funded by the assessments were directly provided to property in the assessment district. Similar to the assessments in Pomona that were validated by Dahms, the Assessments described in this Engineer's Report fund mosquito, vector and disease control services directly provided to property in the Assessment District. Moreover, as noted in this Report, the Services directly reduce mosquito and vector populations on all property in the Assessment District. Therefore, Dahms establishes a basis for minimal or zero general benefits from the

Assessments. However, in this Report, the general benefit is more conservatively estimated and described, and then budgeted so that it is funded by sources other than the Assessment.

ASSESSMENT METHODOLOGY

The Assessment No. 1 consists of all the assessor parcels within of Marin/Sonoma Mosquito & Vector Control District, Vector Control Assessment No. 1, as defined by the Counties of Marin and Sonoma, tax code areas. The method used for apportioning the assessment is based upon the special benefits to be derived by the properties in the Assessment No. 1 over and above general benefits conferred on real property or to the public at large.

The benefit derived by a parcel or lot is based upon the protection received from mosquitoes and other vectors because of the various projects funded by the Assessment No. 1. Some of the projects that are funded by the Assessment No 1 are:

- Field Operations – controls mosquitoes and vectors
- Laboratory-Disease Surveillance – identifies the types of control needed
- Shop-Facilities – keeps all equipment operational for use
- Education – informs the property owners and residents of the need for and methods of vector control

The total assessment shall be levied against parcels based on special benefit, which is determined by property type. The method of assessment shall be based upon the number of single family equivalent benefit units per parcel, hereafter referred to as “SFE Units”. The “benchmark” property is the single family dwelling on one parcel with one SFE Unit. All parcels or lots are estimated to benefit equally from the improvements to be funded by this Assessment No. 1, with the exception of publicly owned, institutional or zero assessed valuation parcels. Accordingly, the SFE Units for all parcels not excepted from benefit are shown in the following Figure.

FIGURE 2 – ASSESSMENT METHODOLOGY

Land Use	SFE Units
Single Family Res. up to 1 acre	1.0
Single Family Res. over 1 acre	1.5
Multi-family Res. up to 4 units	1.0 / unit
Multi-family Res. over 4 units	5.0
Commercial / Industrial up to 1 acre	1.0
Commercial / Industrial over 1 acre	2.0
Agriculture up to 5 acres	1.0
Agriculture over 5 acres	2.0
Vacant Properties	1.0

DURATION OF ASSESSMENT

The duration of the Assessment, pursuant to Resolution 96/97-3, is for fiscal year 1997-98 and for every fiscal year thereafter, so long as mosquitoes and vectors remain in existence, and the Marin/Sonoma Mosquito and Vector Control District requires funding from the Assessment No. 1 for its Services in the Assessment District. As noted previously, pursuant to Resolution 96/97-3, the Assessment can continue to be levied annually after the Board of Trustees approves an annually updated Engineer's Report, budget for the Assessment No. 1, Services to be provided, and other specifics of the Assessment No. 1. In addition, the Board of Trustees must hold an annual public hearing to continue the Assessment.

APPEALS AND INTERPRETATION

Any property owner, who feels that the assessment levied on the subject property is in error as a result of incorrect information being used to apply the foregoing method of assessment, may file a written appeal with the District Manager of the Marin/Sonoma Mosquito & Vector Control District or his or her designee. Any such appeal is limited to correction of an assessment during the then current or, if before July 1, the upcoming fiscal year. Upon the filing of any such appeal, the District Manager or his or her designee will promptly review the appeal and any information provided by the property owner. If the District Manager or his or her designee finds that the assessment should be modified, the appropriate changes shall be made to the assessment roll. If any such changes are approved after the assessment roll has been filed with the Counties of Marin and Sonoma for collection, the District Manager or his or her designee is authorized to refund to the property owner the amount of any approved reduction. Any dispute over the decision of the District Manager or his or her designee shall be referred to the Board of Trustees of the Marin/Sonoma Mosquito & Vector Control District, and the decision of the Board of Trustees of the Marin/Sonoma Mosquito & Vector Control District shall be final.

HISTORICAL SUMMARY OF ASSESSMENTS BY COUNTY – ASSESSMENT No. 1

The figure below depicts a historical summary of the Assessment No. 1 annual rates, the number of Single Family Equivalent (SFE) units, total assessment, and the increase on assessment compared to the year before for Marin and Sonoma Counties.

FIGURE 3 – ASSESSMENT No. 1 HISTORY

MS-MVCD Assessment No.1		Marin County			Sonoma County		
Fiscal Year	Asmt / SFE	SFE Units	Total Assessment	Increase from prior year	SFE Units	Total Assessment	Increase from prior year
2000-01	\$6.00	93,498	\$560,985		155,748	\$934,488	
2001-02	\$6.00	93,548	\$561,288	\$303	157,597	\$945,582	\$11,094
2002-03	\$9.75	93,296	\$908,863	\$347,575	155,805	\$1,517,947	\$572,365
2003-04	\$9.75	93,725	\$913,043	\$4,181	157,280	\$1,532,320	\$14,373
2004-05	\$5.00	94,126	\$470,630	(\$442,413)	157,879	\$789,395	(\$742,925)
2005-06	\$9.74	94,232	\$917,792	\$447,162	159,725	\$1,555,587	\$766,192
2006-07	\$10.72	94,356	\$1,011,491	\$93,699	161,810	\$1,734,598	\$179,011
2007-08	\$10.72	94,419	\$1,012,166	\$675	163,352	\$1,751,128	\$16,530
2008-09	\$10.72	94,340	\$1,011,319	(\$847)	164,359	\$1,761,924	\$10,796
2009-10	\$10.72	94,455	\$1,012,558	\$1,238	164,956	\$1,768,334	\$6,410
2010-11	\$10.72	94,955	\$1,017,918	\$5,360	165,245	\$1,771,421	\$3,087
2011-12	\$10.72	94,888	\$1,017,194	(\$724)	165,592	\$1,775,146	\$3,725
2012-13	\$11.02	94,746	\$1,044,101	\$26,907	165,758	\$1,826,653	\$51,507
2013-14	\$11.56	94,636	\$1,093,992	\$49,891	166,164	\$1,920,850	\$94,197
2014-15	\$12.00	94,723	\$1,136,670	\$42,678	166,454	\$1,997,448	\$76,598
2015-16	\$12.00	94,868	\$1,138,416	\$1,746	166,729	\$2,000,742	\$3,294

¹ The Total Assessment per parcel is rounded to the lower even penny to comply with the Marin & Sonoma County Auditors' levy submission requirements.

SUMMARY OF ASSESSMENTS BY COUNTY FOR FISCAL YEAR 2015-16

The figure below reflects summaries for Marin and Sonoma Counties for Assessment No. 1 for fiscal year 2015-16: total number of parcels in each county, number of parcels assessed, SFE unit count, and the total assessment to be placed on assessable parcels in each County for fiscal year 2015-16.

FIGURE 4 – ASSESSMENT SUMMARY – FISCAL YEAR 2015-16

Fiscal Year 2015-16 Assessment No. 1	Parcels in Assessment No.1	Parcels Assessed	SFE Units	Assessment
Marin County	89,673	83,374	94,868	\$1,138,416
Sonoma County	148,020	140,388	166,729	\$2,000,742
Total SFE	237,693	223,762	261,597	\$3,139,158

ASSESSMENT STATEMENT

WHEREAS, on August 14, 1996 the Board of Trustees of Marin/Sonoma Mosquito & Vector Control District, Counties of Marin and Sonoma, California, pursuant to the provisions of the California Health and Safety Code Section 2291.2, adopted its Resolution Initiating Proceedings No. 96/97-3 for the proposed improvements and changes in existing public improvements, more particularly therein described;

WHEREAS, the Board of Trustees of Marin/Sonoma Mosquito & Vector Control District, Counties of Marin and Sonoma, California held a Public Meeting on September 11, 1996 and a Public Hearing on October 9, 1996 approved an Engineer's Report presenting an estimate of costs, a diagram for the Assessment No. 1 and an assessment of the estimated costs of the services and improvements upon all assessable parcels within the Assessment No. 1, to which Resolution and the description of said proposed improvements therein contained, reference is hereby made for further particulars;

WHEREAS, the Board of Trustees of Marin/Sonoma Mosquito & Vector Control District, Counties of Marin and Sonoma, California desires to amend said Engineer's Report;

NOW, THEREFORE, the undersigned, by virtue of the power vested in me under said Act and the order of the Board of Trustees of said Marin/Sonoma Mosquito and Vector Control District, hereby amends the following assessment to cover the portion of the estimated cost of said services and improvements, including the maintenance and servicing thereof and the costs and expenses incidental thereto, to be paid by the Assessment No. 1 in fiscal year 2015-16.

The amount to be paid for said continued services and improvements, including the maintenance and servicing thereof and the expenses incidental thereto, to be paid by the Assessment No. 1 for the fiscal year 2015-16 is generally as follows:

FIGURE 5 – SUMMARY COST ESTIMATE FOR FISCAL YEAR 2015-16

Vector and Disease Control Services	\$	7,261,771
Capital Facilities and Equipment	\$	125,752
Less: District Contribution from Other Sources	\$	(4,248,365)
Net Amount To Assessments	\$	3,139,158

As required by said Act, an Assessment Diagram is hereto attached showing the exterior boundaries of said Vector Control Assessment No. 1 as the same existed at the time of the passage of said resolution. The distinctive number of each parcel or lot of land in the said

Vector Control Assessment No. 1 is its Assessor Parcel Number appearing on the Assessment Roll.

And I do hereby amend the assessments and apportion said net amount of the cost and expenses of said services and improvements, including maintenance and servicing thereof, upon the parcels or lots of land within said Vector Control Assessment No. 1, in accordance with the special benefits to be received by each parcel or lot, from the maintenance of said improvements, and more particularly set forth in the Cost Estimate hereto attached and by reference made a part hereof.

Said amended assessment is made upon the parcels or lots of land within Vector Control Assessment No. 1 in proportion to the special benefits to be received by said parcels or lots of land, from said services and improvements.

Resolution No. 96/97-3, approved in October 9, 1996, established a maximum assessment of \$12.00 per Single Family Equivalent (SFE) unit for the parcels or lots of land within Vector Control Assessment No. 1. Resolution No. 96/97-3 also established that the maximum assessment is annually adjusted based on the Consumer Price Index for the San Francisco Bay Area as of December of each succeeding year (the "CPI"), with a maximum annual adjustment not to exceed 5%. The assessment rate for fiscal year 2015-16 is \$12.00.

Each parcel or lot of land is described in the Assessment Roll by reference to its parcel number as shown on the Assessor's Maps of the Counties of Marin and Sonoma for the fiscal year 2015-16. For a more particular description of said property, reference is hereby made to the deeds and maps on file and of record in the office of the County Recorder of said County.

I hereby place opposite the Assessor Parcel Number for each parcel within the Assessment Roll, the amount of the amended assessment for the fiscal year 2015-16 for each parcel or lot of land within the said Vector Control Assessment No. 1.

Dated: June 4, 2015

Engineer of Work



By 
John W. Bliss, License No. C052091

ASSESSMENT ROLL – FISCAL YEAR 2015-16

Reference is hereby made to the Assessment Roll in and for said assessment proceedings on file in the office of the Director of Special Projects of the Marin/Sonoma Mosquito & Vector Control District, as said Assessment Roll is too voluminous to be bound with this Engineer's Report.

ASSESSMENT DIAGRAM

The Boundary Map for the Marin/Sonoma Mosquito and Vector Control District, Vector Control Assessment No. 1, is, by reference, made part of this Report. The Boundary Map is available for inspection at the Marin/Sonoma Mosquito and Vector Control District office located at 595 Helman Lane, Cotati, California during normal business hours.