

ATTACHMENT G – NOTICE OF INTENT

WATER QUALITY ORDER NO. 2011-0002-DWQ
GENERAL PERMIT NO. CAG 990004

STATEWIDE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT
FOR BIOLOGICAL AND RESIDUAL PESTICIDE DISCHARGES
TO WATERS OF THE UNITED STATES
FROM VECTOR CONTROL APPLICATIONS

I. NOTICE OF INTENT STATUS (see Instructions)

Mark only one item A. New Applicator B. Change of Information: WDID# _____
 C. Change of ownership or responsibility: WDID# _____

II. DISCHARGER INFORMATION

A. Name <i>Marin/Sonoma mosquito & vector control District</i>			
B. Mailing Address <i>595 Helman Lane</i>			
C. City <i>Cotati</i>	D. County <i>Sonoma</i>	E. State <i>CA</i>	F. Zip Code <i>94931</i>
G. Contact Person <i>Erik Hawk</i>	H. Email address <i>Erikh@ms.mosquito.com</i>	I. Title <i>Assistant manager</i>	J. Phone <i>(707) 285-2200</i>

III. BILLING ADDRESS (Enter information only if different from Section II above)

A. Name			
B. Mailing Address			
C. City	D. County	E. State	F. Zip Code
G. Email address	H. Title	I. Phone	

IV. RECEIVING WATER INFORMATION

A. Biological and residual pesticides discharge to (check all that apply)*:

1. Canals, ditches, or other constructed conveyance facilities owned and controlled by Discharger.
 Name of the conveyance system: n/a

2. Canals, ditches, or other constructed conveyance facilities owned and controlled by an entity other than the Discharger.
 Owner's name: Marin + Sonoma Flood Control facilities such as:
Name of the conveyance system: Rush Creek, Las Gallinas FCD, Marin Municipal Water District, Sonoma Creek, Miller Creek, Santa Rosa Flood Control, Laguna de Santa Rosa & other municipal water

3. Directly to river, lake, creek, stream, bay, ocean, etc. conveyance structures in Marin + Sonoma County
 Name of water body: Lake Sonoma, Spring Lake, Russian River, Petaluma River, San Pablo Bay, Bolaja Bay, & Pacific Ocean =
* A map showing the affected areas for items 1 to 3 above may be included. (See attachment A)

B. Regional Water Quality Control Board(s) where application areas are located (REGION 1, 2, 3, 4, 5, 6, 7, 8, or 9): Region 1 and 2
(List all regions where pesticide application is proposed.)

A map showing the locations of A1-A3 in each Regional Water Board shall be included. (See attachment B)

V. PESTICIDE APPLICATION INFORMATION

A. Target Organisms: Vector Larvae Adult Vector

B. Pesticides Used: List name, active ingredients and, if known, degradation by-products
(Full list is outlined as Attachment C)

C. Period of Application: Start Date Nov. 1, 2011 End Date Not anticipated at this time

D. Types of Adjuvants Added by the Discharger: n/a

VI. PESTICIDES APPLICATION PLAN

A. Has a Pesticides Application Plan been prepared?*

Yes No

If not, when will it be prepared? _____

* A copy of the PAP shall be included with the NOI. (See attachment D)

B. Is the applicator familiar with its contents?

Yes No

VII. NOTIFICATION

Have potentially affected governmental agencies been notified?

Yes

No

Notification details are outlined through CEQA document filed 2004 and are available online through:

* If yes, a copy of the notifications shall be attached to the NOI. www.ms-mosquito.com

VIII. FEE

Have you included payment of the filing fee (for first-time enrollees only) with this submittal?

Yes

NO

NA

IX. CERTIFICATION

"I certify under penalty of law that this document and all attachments were prepared under my direction and supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment. Additionally, I certify that the provisions of the General Permit, including developing and implementing a monitoring program, will be complied with."

A. Printed Name: Jim Wanderscheid

B. Signature: [Signature]

Date: 6/8/11

C. Title: Manager

X. FOR STATE WATER BOARD USE ONLY

WDID:	Date NOI Received:	Date NOI Processed:
Case Handler's Initial:	Fee Amount Received: \$	Check #:

Examples of Receiving Water Bodies (Mosquito and Vector Control) in Regional Water Quality Control Boards One and Two in Marin and Sonoma Counties

Any water body (natural or artificial) that has standing water for 72 to 96 hours can potentially provide mosquito habitat and require mosquito control (i.e. mitigated wetlands, seasonal wetlands, tidal marshes, storm water BMP's, ponds, lakes, creeks, rivers, flood control channels, low areas, roadside conveyance channels, etc). It is important to note that some of these may be permanent or temporary; therefore it is not possible to provide an all inclusive list in both RWQCBs regions 1 and 2 for the Marin/Sonoma Mosquito and Vector Control service area (a map has been included as Attachment B which defines the District's service area). The list below includes examples of water bodies in RWQCB regions 1 and 2 that may be receiving waters relative to mosquito control applications and a detailed list is included as Attachment A.

Examples of water receiving bodies located in the service area for Region 1: North Coast RWQCB (map attached)

- Tidal Marshes - Immediately adjacent to San Pablo Bay, Petaluma River and surrounding marshland, Sonoma Creek, Tolay Creek and Bodega Bay.
- Seasonal Wetlands – Vernal pools in the Santa Rosa Plain and the Laguna de Santa Rosa watershed.
- Lake and Ponds – Spring Lake Recreational Area, Lake Sonoma, various agricultural ponds for dairy, farm/cropland and winery use.

Examples of water receiving bodies located in the service area for Region 2: San Francisco Bay RWQB (map attached)

- Tidal Marshes – Immediately adjacent to San Pablo Bay, Bel Marin Keys, Hamilton AFB, Drakes Bay, Bolinas Lagoon, Santa Venetia marsh, and McNears marsh.
- Seasonal Wetlands – Point Reyes National Seashore, Rush Creek marsh, Tomales Bay State Park and China Camp State Park.
- Lake and Ponds – Stafford Lake, Nicasio Reservoir, Marin Municipal Watershed lakes (Alpine, Lagunitas, Bon Tempe, etc.) and various agricultural ponds for dairy, farm/cropland and winery use.

**Attachment A: Detailed list of receiving water bodies within the
Marin/Sonoma Mosquito Control District boundaries under the
jurisdiction of Regional Water Quality Control Boards One and Two**

This list of watercourses in the San Francisco Bay Area groups rivers, creeks, sloughs, etc. according to the bodies of water they flow into. Tributaries are listed under the watercourses they feed, sorted by the elevation of the confluence so that tributaries entering nearest the sea appear first. Numbers in parentheses are Geographic Names Information System feature ids.

Watercourses which feed into the Pacific Ocean in Sonoma County north of Bodega Head, listed from north to south:^[1]

The Gualala River and its tributaries

- Gualala River (253221):
 - North Fork (229679) - flows from Mendocino County.
 - South Fork (235010):
 - Big Pepperwood Creek (219227) - flows from Mendocino County.
 - Rockpile Creek (231751) - flows from Mendocino County.
 - Buckeye Creek (220029):
 - Little Creek (227239)
 - North Fork Buckeye Creek (229647):
 - Osser Creek (230143)
 - Roy Creek (231987)
 - Soda Springs Creek (234853)
 - Wheatfield Fork (237594):
 - Fuller Creek (223983):
 - Sullivan Creek (235693)
 - Boyd Creek (219738)
 - North Fork Fuller Creek (229676)
 - South Fork Fuller Creek (235005)
 - Haupt Creek (225023)
 - Tobacco Creek (236406)
 - Elk Creek (223108)
 - House Creek (225688):
 - Soda Spring Creek (234845)
 - Allen Creek (218142)
 - Pepperwood Creek (230514):
 - Danfield Creek (222007):
 - Cow Creek (221691)
 - Jim Creek (226237)
 - Grasshopper Creek (224470)
 - Britain Creek (219851)
 - Cedar Creek (220760)
 - Wolf Creek (238086)
 - Tombs Creek (236448)
 - Marshall Creek (228139):
 - McKenzie Creek (228391)

Northern Sonoma Coast

Watercourses which feed into the Pacific Ocean in Sonoma County between the Gualala and Russian Rivers, numbered from north to south:

1. Deadman Gulch (222120)
 2. Cannon Gulch (220545)
 3. Chinese Gulch (221069)
 4. Phillips Gulch (230598)
 5. Miller Creek (228727)
 6. Warren Creek (237257)
 7. Wildcat Creek (237784)
 8. Stockhoff Creek (235498)
 9. Timber Cove Creek (236355)
 10. Kolmer Gulch (226673)
 11. Fort Ross Creek (223705)
 12. Russian Gulch Creek (1723332):
 - East Branch Russian Gulch (222861):
 - Middle Branch Russian Gulch (228574)
 - West Branch Russian Gulch (237436)
-
- Russian River (267200): - flows from Mendocino County.
 - Willow Creek (237879)
 - Sheephouse Creek (232916)
 - Orrs Creek (230114)
 - Freezeout Creek (223863)
 - Austin Creek (218466):
 - Kohute Gulch (226672)
 - Kidd Creek (226569)
 - East Austin Creek (222846):
 - Black Rock Creek (219403)
 - Gilliam Creek (224171):
 - Schoolhouse Creek (232673)
 - Thompson Creek (236259)
 - Gray Creek (224517):
 - Lawhead Creek (234146)
 - Devil Creek (222279)
 - Conshea Creek (221468):
 - Tiny Creek (236385)
 - Sulphur Creek (235703)

- Ward Creek (237225):
 - Big Oat Creek (219223)
 - Blue Jay Creek (219496)
 - Pole Mountain Creek (230900)
- Bearpen Creek (218919)
- Red Slide Creek (231390)
- Dutch Bill Creek (222756):
 - Lancel Creek (226842):
 - North Fork Lancel Creek (229689)
- Smith Creek (233315)
- Hulbert Creek (253871):
 - Mission Creek (246001)
- Livereau Creek (227433)
- Fife Creek (223491):
 - Redwood Creek (231420)
- Pocket Canyon (230836):
 - Mays Canyon (228268)
- Hobson Creek (225380)
- Green Valley Creek (224576):
 - Atascadero Creek (218443)
 - Purrington Creek (231100)
- Mark West Creek (228118):
 - Windsor Creek (238013):
 - Pool Creek (230927)
 - Laguna de Santa Rosa (226766):
 - Santa Rosa Flood Control Channel (232565):
 - Abramson Creek
 - Piner Creek
 - Paulin Creek
 - Santa Rosa Creek (232563):
 - Matanzas Creek (228216):
 - Spring Creek (235241)
 - South Fork Matanzas Creek (235025)
 - Brush Creek
 - Salt Creek (232297)
 - Blucher Creek (219480)
 - Five Creek (223565)
 - Hinebaugh Creek (225359):
 - Crane Creek (221795)
 - Washoe Creek (237318):
 - Gossage Creek (224355)
 - Copeland Creek (221533)
 - Porter Creek (230952)
 - Humbug Creek (225753)
 - Van Buren Creek (236996)
- Porter Creek (230951):

- Press Creek (231039)
- Dry Creek (222623): - flows from Mendocino County.
 - West Slough:
 - Foss Creek (1657225):
 - Norton Slough (1657226)
 - Mill Creek (228686):
 - Felta Creek (223436)
 - Wallace Creek (237193)
 - Palmer Creek (230265)
 - Pine Ridge Canyon (230719)
 - Kelley Creek (226456)
 - Crane Creek (221794)
 - Grape Creek (224441):
 - Wine Creek (238037)
 - Peña Creek (230478):
 - Chapman Branch (220914)
 - Boyer Creek (219744)
 - Pechaco Creek (230457)
 - Redwood Log Creek (231443)
 - Dutcher Creek (222780)
 - Fall Creek (223368)
 - Schoolhouse Creek (232676)
 - Warm Springs Creek (237246):
 - Little Warm Springs Creek (227406)
 - Picnic Creek (230623)
 - Seven Oaks Creek (232821)
 - Bear Creek (218806)
 - Rancheria Creek (231215):
 - Little Rancheria Creek (234172)
 - Stawberry Creek (235583)
 - Little Strawberry Creek (227381)
 - Willow Springs Creek (237952)
 - Wild Cattle Creek (237748)
 - Bearpen Creek (218918)
 - Fall Creek (223365)
 - Brush Creek (219923)
 - Yorty Creek (238273)
 - Smith Creek (233325)
 - Cherry Creek (233660)
 - Galloway Creek (224021) - flows from Mendocino County.
 - Rail Creek (231170)
- Maacama Creek (227883):
 - Franz Creek (223840):
 - Bidwell Creek (219108)
 - Redwood Creek (231421):
 - Foote Creek (223653)

- Kellogg Creek (226462)
 - Yellowjacket Creek (238248)
 - Briggs Creek (219834):
 - Little Briggs Creek (227202)
 - Coon Creek (221498)
 - McDonnell Creek (228350)
- Sausal Creek (232603):
 - George Young Creek (224117)
 - Burns Creek (220208)
 - Grapevine Creek (224446)
- Gird Creek (224187)
- Miller Creek (228731)
- Gill Creek (224167)
- Crocker Creek (221835)
- Barrelli Creek (218695)
- Porterfield Creek (230956)
- Cloverdale Creek (221256)
- Big Sulphur Creek (254619):
 - Little Sulphur Creek (227384):
 - North Branch (229605)
 - Lovers Gulch Creek (227735)
 - Anna Belcher Creek (218287)
 - Frasier Creek (223845) - flows from Mendocino County.
 - Squaw Creek (235310):
 - Alder Creek (218097) - flows from Mendocino County.
 - Hummingbird Creek (225758) - flows from Mendocino County.
- Ash Creek (218427) - flows from Mendocino County.

Watercourses which feed into the Pacific Ocean in Sonoma County between the Gualala and Russian Rivers, numbered from north to south:

1. Deadman Gulch (222120)
2. Cannon Gulch (220545)
3. Chinese Gulch (221069)
4. Phillips Gulch (230598)
5. Miller Creek (228727)
6. Warren Creek (237257)
7. Wildcat Creek (237784)
8. Stockhoff Creek (235498)
9. Timber Cove Creek (236355)
10. Kolmer Gulch (226673)
11. Fort Ross Creek (223705)
12. Russian Gulch Creek (1723332):
 - East Branch Russian Gulch (222861):

- Middle Branch Russian Gulch (228574)
- West Branch Russian Gulch (237436)

Watercourses which feed into the Pacific Ocean in Sonoma County between Goat Rock Beach and Bodega Head, numbered from north to south:

1. Scotty Creek (232742):
 - Rough Creek (231923)
2. Salmon Creek (232281):
 - Finley Creek (223507)
 - Coleman Valley Creek (221373)
 - Fay Creek (223419)
 - Tannery Creek (236018)
 - Nolan Creek (229570)
 - Thurston Creek (236333)

Watercourses which feed into Bodega Bay, numbered clockwise from Bodega Head to Sand Point:

1. Cheney Gulch (220937)
2. Shorttail Gulch (233054)
3. Estero Americano (223257):
 - Ebabias Creek (253711)
 - Americano Creek (254563)
4. Estero de San Antonio (253212):
 - Stemple Creek (253932)

Watercourses which feed into the Pacific Ocean in Marin County south of Sand Point, listed from north to south:

Tomales Bay

Watercourses which feed into Tomales Bay, numbered clockwise from Sand Point to Tomales Point:

1. Walker Creek (255208):
 - Keys Creek (254852)
 - Chileno Creek (254740)
 - Frink Canyon (223952)
 - Verde Canyon (237053)
 - Salmon Creek (232280)
 - Arroyo Sausal (254577)
2. Millerton Gulch (228754)
3. Grand Canyon (224386)

4. Tomasini Canyon (236446)
5. Lagunitas Creek (255208):
 - o Olema Creek (234410)
 - o Nicasio Creek (229534):
 - Halleck Creek (224814):
 - Redwood Canyon (231415)
 - o San Geronimo Creek (232400)
 - o Big Carson Creek (219156)
 - o Cataract Creek (220721)
 - o East Fork Lagunitas Creek (222888)
6. White Gulch (237641)

Point Reyes Peninsula

Watercourses which feed into the Pacific Ocean between Tomales Point and Bolinas, numbered north to south:^[2]

1. Home Ranch Creek (225499)
2. Glennbrook Creek
3. Santa Maria Creek
4. Coast Creek (233695)
5. Alamere Creek (233404)
6. Arroyo Hondo

Bolinas Lagoon

Watercourses which feed into Bolinas Lagoon, numbered clockwise from Bolinas to Stinson Beach:

1. Pine Gulch Creek (234476):
 - o Copper Mine Gulch (221541)
2. Wilkins Gulch (237829)
3. Pike County Gulch (230651)
4. Audubon Canyon (218457)
5. Volunteer Canyon (1808968)
6. Morses Gulch (229094)
7. McKinnan Gulch (228412)
8. Stinson Gulch (235491)

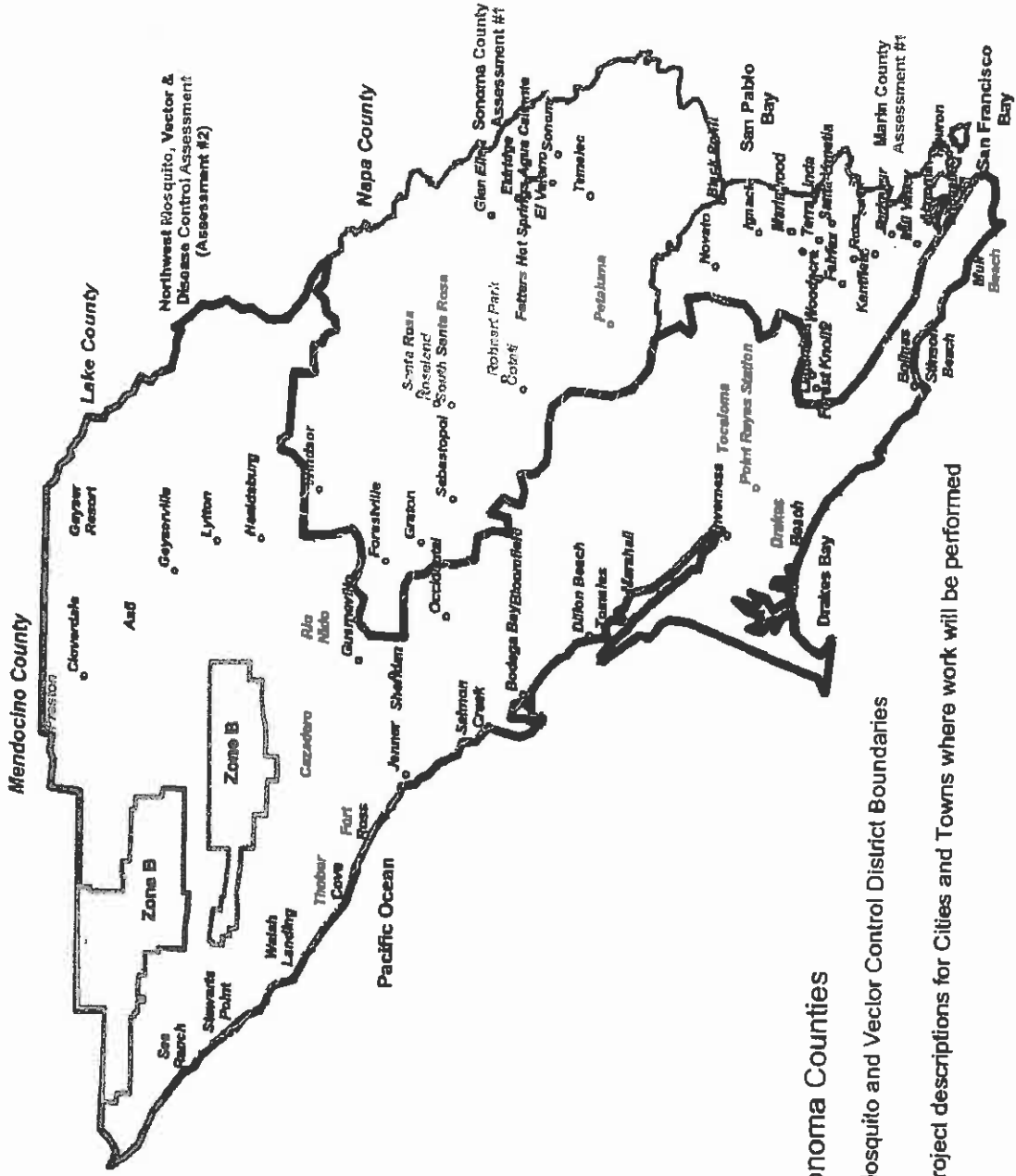
Southern Marin Coast

Watercourses which feed into the Pacific Ocean between Stinson Beach and the Golden Gate, numbered north to south:

1. Webb Creek (237375)
2. Lone Tree Creek (227525)
3. Cold Stream (221345)
4. Redwood Creek (231428)
 - o Fern Creek (223455)
5. Tennessee Valley (255127)

Source: http://en.wikipedia.org/wiki/List_of_watercourses_in_the_San_Francisco_Bay_Area

Attachment B: Map of Sonoma and Marin counties defining the Marin/Sonoma Mosquito and Vector Control District boundaries



Marin and Sonoma Counties

Marin/Sonoma Mosquito and Vector Control District Boundaries

*See individual project descriptions for Cities and Towns where work will be performed

**Attachment C: List of Permitted Larvicides & Adulticides Used by
Marin/Sonoma Mosquito and Vector Control District**

Product Name: Larvicides	Registration Number
Vectolex CG Biological Larvicide	73049-20
Vectolex WDG Biological Larvicide	73049-57
Vectolex WSP Biological Larvicide	73049-20
Vectobac Technical Powder	73049-13
Vectobac 12AS	73049-38
Vectobac G (or GS) Biological Mosquito Larvicide Granules	73049-10
Vectobac WDG Biological Larvicide	73049-56
Vectomax CG Biological Larvicide	73049-429
Four Star Sustained Release 45-day Microbial Briquets	83362-3
Zoecon Altosid Pellets	2724-448
Zoecon Altosid Briquets	2724-375
Zoecon Altosid Liquid Larvicide Mosquito Growth Regulator	2724-392
Zoecon Altosid XR Extended Residual Briquets	2724-421
Altosid Liquid Larvicide Concentrate	2724-446
Zoecon Altosid SBG Single Brood Granule	2724-489
BVA-2 Mosquito Larvicide Oil	70589-1
Agnique MMF Mosquito Larvicide & Pupicide	53263-28
Agnique MMF G	53263-30
Natular 2EC	8329-82
Natular G	8329-80
Natular XRG	8329-83
Natular XRT	8329-84

Product Name: Adulticides	Registration Number
MGK Pyrocide Mosquito Adulticiding Concentrate for ULV Fogging 7396	1021-1569
Anvil 10+10 ULV	1021-1688
Zenivex E20	2724-791
Zenivex E4	2724-807