

1. **Annual Report**

a. Executive Summary

Riverside County Department of Environmental Health Vector Control Program (RIVCO VCP) complied with the applicable components of the General NPDES Permit for Biological and Residual Pesticide Discharges from Vector Control Applications (General Permit). RIVCO VCP is a member of the MVCAC NPDES Permit Coalition and the Coalition Annual Report that will be sent separately to the SWRCB and Regional Boards.

RIVCO VCP made 118 applications to waters of the U.S. during 2013. The log of these applications can be found in Attachment B. RIVCO VCP did not document visual monitoring observations due to high West Nile virus activity in 2013. This is in line with the SWRCB notification letter of July 13, 2012 to MVCAC that because visual monitoring requirements were “interfering with the need for maximal efficient application to adequately protect human health from vector-borne diseases like West Nile virus,” that the visual monitoring was no longer required by individual Districts. RIVCO VCP continued to follow the guidelines of its Pesticide Application Plan (PAP). Implementation of the PAP ensured that discharges of biological and residual pesticides would be minimized.

b. Summary of Monitoring Data

RIVCO VCP monitoring requirements (as listed in Footnote 1 of Tables C-1 and C-2 in Amended Water Quality Control Order No. 2011-0002-DWQ, General Permit No. CAG990004) were suspended due to ongoing negotiations with the SWRCB during 2013. These discussions were centered on the removal of the physical and chemical monitoring in the permit. The SWRCB is currently proposing significant changes to the Vector Control Permit which have a direct impact on the monitoring component. The Coalition complied with the monitoring component of the permit as reflected in the 2012 Coalition Annual Report which then necessitated the need to discuss the future inclusion of the physical and chemical monitoring portions of the permit.

The Coalition will provide information on the incidence of West Nile virus and other similar public health threats in the Coalition’s annual report.

c. BMP Identification

BMP’s utilized by RIVCO VCP are outlined in the Program’s PAP. These include, but are not limited to, education of residents and public entities regarding the proper management of water and vegetation, training employees to prevent

spills and applying appropriate amount of chemical in each treatment area, calibrate application equipment and use of biological controls whenever plausible.

d. Violation Discussion

No violations of the General Permit were observed.

e. Map of Applications

See Attachment A

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

Attachment B includes reports of all application data on the covered application areas.

g. General Information on Applications

Attachment B includes information on dosage, concentration and quantity of each pesticide used which are derived from the individual pesticide labels.

h. Monitoring Data

Due to the high level of West Nile virus activity during the 2013 mosquito season, visual monitoring data was not collected. Informal monitoring was performed by field technicians as a part of normal duties as they performed mosquito source inspections and applied control products. No adverse impacts from vector control applications was noticed or reported by any of the individual applicators. Physical and chemical monitoring data were not collected (see Section 1b, above).

i. BMP, PAP, Monitoring Program Recommendations

No recommendations are being proposed to improve the current BMP's, PAP, or monitoring plan.

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

A representation of the pesticide application log is contained in Attachment B

2. **Updated PAP Components**

N/A

3. **Self-Monitoring Reports**

N/A

4. **Monitoring Reports**

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