

From: Jelena Hartman
To: Klassen, Parry; jmcgahan@summerseng.com
CC: Fregien, Susan; Johnson, Michael; Turner, Melissa; linneman@summerseng.com
Date: 5/23/2012 11:02 AM
Subject: Re: Chlorpyrifos and Diazinon TMDL Annual Monitoring Report 2012

Dear Parry and Joe,

The review of the Chlorpyrifos and Diazinon TMDL Annual Monitoring Report is under way. A few minor omissions and discrepancies have been noticed in the report:

Figures 6 and 7 show monitoring sites for the 2011 water year. Sites 39-44 are shown on the maps but not included in the tributary map key in Table 6. Table 6 should be amended to identify all monitoring sites shown in Figures 6 and 7.

Pesticide use data associated with exceedances during the 2011 water year are summarized in Table 26. Table 26 should be amended with information on Ingram Creek (May 2011 sampling event), Del Puerto Creek (May/June 2011), Westley Waterway (June 2011), Hospital Creek (September 2011), Orestimba Creek (April 2011), Marshall Road Drain and Ramona Lake (May 2011) if PUR data are now available. In addition to the number of applications and acres treated, information on the amount of active ingredient applied should be included.

Acreage with one or more implemented management practices per each category of practices identified to be effective in reducing the offsite movement of pesticides is presented in Figure 10, while Table 27 summarizes all implemented management practices designed to reduce offsite movement of pesticides in the ESJWQC first and second priority subwatersheds. Figure 10 and Table 27 should be updated to include current practices in the third priority subwatersheds as the information on current management practices, i.e. before the Coalition outreach, has already been collected and compiled (Tables 30-33 in 2012 ESJWQC MPUR).

Table 28 provides a summary of management practice inventory in the surveyed subwatersheds in the Westside Coalition region: total area for Hospital and Ingram Creek subwatersheds are not included and should be added

numbers of surveys collected in Westley Wasteway, Del Puerto and Orestimba Creek subwatersheds are missing and should be added

questions about spray management practices are included in surveys distributed to growers, and responses should be summarize and included

a discrepancy in the proportion of acres with Drip/Micro/Sprinkler use at Hospital Creek (47% in the TMDL Annual Monitoring Report, and 68% in the SAMR submitted in November 2011, Table A6-1) for the same number of acres (3515) with the implemented practice should be reconciled

information on PAM use in Hospital and Ingram Creek subwatersheds should be reconciled with information in the SAMR (Table A6-2 in SAMR), and if there has been a shift in management practices a brief explanation should be included.

The counts of chlorpyrifos and diazinon detections from March through August in the Westside Coalition tributaries are presented in Figure 11. Data for the entire year should be included (modify the existing figure, or add a table, figure, or narrative summary), especially given the chlorpyrifos detections/exceedances in September and October in recent years. Adding information on percent of exceedances relative to the total number of samples tested would provide a context for evaluation of water quality over time.

Please let me know if updated versions of the above tables and figures are available, and when they could be submitted?

Thank you,

Jelena

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>>> Rachel West <rwest@mlj-llc.com> 4/30/2012 9:35 AM >>>

Dear Susan,

Attached is the San Joaquin River Chlorpyrifos and Diazinon TMDL Annual Monitoring Report based on 2011 monitoring conducted by the East San Joaquin Water Quality Coalition and the Westside Coalition at the six compliance points.

A hard copy and CD of the report and appendices will be delivered to the Regional Board today. You can find the electronic files on

the Sharepoint website under the 'Regional Board Documents' folder
(<http://sharepoint.mj-llc.com/MLJ-DB/database/forms/allitems.aspx>).
username: ftpuser@aqualab.mj-llc.com
password: Aqua2011!

The cover letter is being signed by Joe McGahan and Parry Klassen and will be mailed into the Regional Board. Please let me know if you have any questions.

Thanks,

Rachel C. West
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