



**Lake County Clean Water Program  
Stormwater Management Work Group  
Thursday, September 19, 2019 3:00pm  
Lake county Courthouse Conference Room C  
255 Forbes St. Lakeport, CA**

**Meeting Agenda – Pyrethroid Addition to General Permit Focus**

Document 1: Permit Amendment State Water Board Order

Document 2: Letter from Steve T regarding Baseline Monitoring (attached below)

Document 3: PDF presentation briefing of development of Pyrethroid Permit requirement

1. Welcome & Attendance

Brenna S (Farm Bureau)

Steve H (Ag Commission)

Bonnie S (Lakeport)

Angela D (County Water Resources)

2. Introductions

Purpose is to prepare for the upcoming MS4 requirement to include pyrethroid sampling in standard MS4 protocol – by 2020/2021 storm season

3. Review of the upcoming permit requirement for pyrethroid sampling in MS4 areas. (see below emails and attachments)

Details in below documentation from CASQA subcommittee communications

4. Discussion of alternatives to sampling, inclusion in monitoring plan, approximate costs, etc.

a. Sampling Quote -Pyrethroid Pesticides – Per Sample Estimated Quote Alpha Labs (Ukiah)

i. Water - \$450 sub contract (2) x 1 liter amber glass, hold time 7 days

ii. Sediment - \$450 soil 8oz jar, 7 days Holding

**ACTION: Brenna will send their lab info to WRD, they contract for their irrigated ag sampling**

5. Outline next steps & tentative schedule (we have to have something by 2021)

- Identify urban storm sample sites

- Lakeport and Clearlake start doing recon to pick sites for sampling locations, both for overall stormwater sampling and pyrethroid (can and should be the same locations)

- ~\$450 per sample for water sediment pyrethroid

- Need to consider cannabis sites / locations

- Need to decide (with CWP Management Council) if we will conduct sampling in house or contract out

**ACTION ITEMS: Propose sampling plan by July 19<sup>th</sup> 2020 so that sampling plan can be implemented during 2020-2021 storm season once approved by the state plan. During the 2020-2021 sample period, if exceedances occur, then the permittees will need to create a Pyrethroid Management Plan which would be due by Aug 19, 2021. If exceedances are not met, then periodic sampling within the urban monitoring plan will be sufficient.**

6. Adjourn

## Document 2: Letter from Steve CASQA regarding Baseline Monitoring

**From:** Steve Teravskis [<mailto:steravskis@wgr-sw.com>]

**Sent:** Monday, August 12, 2019 2:46 PM

**To:** John Teravskis <[jteravskis@wgr-sw.com](mailto:jteravskis@wgr-sw.com)>

**Subject:** Pyrethroid Control Program Baseline Monitoring Requirements

Hi folks!

You probably received the attached Pyrethroid Control Program letter from the Central Valley Regional Water Quality Control Board during the last week or so. We wanted to let you know we have reviewed the letter and are currently evaluating the impact the new requirements will have on Central Valley Phase II MS4 permittees. We still have some questions on implementation logistics and expectations and have reached out to the Central Valley Water Board for some additional clarification. But for now, here's what we know:

These monitoring requirements are applicable to **all MS4s within the Sacramento and San Joaquin River Basins** (*which includes Phase I / Regional permittees and Phase II permittees*). The letter discusses two paths to compliance. The first being if you are a MS4 that discharges to a water body that has been designated with a total maximum daily load (TMDL) for pyrethroids. This will likely only effect a very few Phase II MS4s. We are currently trying to determine if these water bodies having the TMDLs for pyrethroids are within the urbanized footprints of any local Phase II MS4s. See the link below to the Basin Plan Amendment (Tables IV-X and IV-W) for more information.

The second path to compliance is for MS4s who do not discharge to receiving waters having a TMDL for pyrethroids. According to the letter, they will need to provide **baseline monitoring** to the Regional Board by **October 19, 2021**. The baseline monitoring data will need to include water chemistry and toxicity test data collected from both the water column and sediment. The letter sets some standard testing intervals, but states that MS4s have the ability to suggest alternative sampling intervals in their monitoring plans. Monitoring plans must be developed and submitted to the Executive Officer prior to using any data to meet the monitoring requirements. Monitoring plans are due to the Regional Board for approval by **July 19, 2020**. During baseline monitoring, the MS4 will need to determine if baseline triggers were exceeded. If so, the MS4 would be required to develop and submit a **Pyrethroid Management Plan** to the Regional Board by **August 19, 2021**, or one year from the date the exceedance is determined.

*Alternatively*, MS4s can except existing data presented in the Basin Plan Amendments Staff Report (Fojut et al., 2017, Sections 2.31, 5.6, and Appendix B) in lieu of doing its own baseline monitoring. By doing so the MS4 is stating the existing data is representative of its discharge and **foregoes the baseline monitoring**. It will then need to develop and submit a Pyrethroid Management Plan to the Regional Board by August 19, 2021. What will need to be a part of this plan? According to Resolution R5-2017-0057, the following activities will need to be included:

- Education and outreach to residents to encourage Integrated Pest Management (IPM) methods
- Make available point-of-purchase outreach materials to pesticide retailers (i.e. Home Depot, Lowes, Tractor Supply, nurseries, etc.)
- Conduct outreach to pesticide applicator businesses and residents who may hire these businesses to promote IPM
- Encourage public and private landscape design and irrigation practices to minimize pesticide runoff
- Adopt policies and procedures to minimize the use of pesticides on municipal property by municipal staff and contractors
- Track USEPA and the California Department of Pesticide Regulation pesticide evaluation and registration activities as they relate to surface water quality and encourage these agencies to accommodate urban water quality concerns within their pesticide registration processes.

At this point, does anyone have any questions? Good, so do we! We have reached out to Daniel McClure with the Central Valley Regional Water Quality Control Board for clarification on several of the above items. We are tentatively finalizing a Storm Water Awareness Week (Sept. 23-27) workshop where Daniel and/or other Regional Board staff will discuss these new requirements and answer some of our questions. There will also be time for you to ask questions. We will let you all know as soon as we confirm the workshop or receive any additional updates or clarifications. In the meantime, please see the informational links below.

Thanks,

Steve

Central Valley TMDL Projects Pyrethroid Pesticides TMDL and Basin Plan Amendment:

[https://www.waterboards.ca.gov/centralvalley/water\\_issues/tmdl/central\\_valley\\_projects/central\\_valley\\_pesticides/pyrethroid\\_tmdl\\_bpa/](https://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/central_valley_pesticides/pyrethroid_tmdl_bpa/)

Central Valley Pyrethroid Pesticide Staff Report and Basin Plan Amendment Development:

[https://www.waterboards.ca.gov/centralvalley/water\\_issues/tmdl/central\\_valley\\_projects/central\\_valley\\_pesticides/pyrethroid\\_tmdl\\_bpa/staff\\_report\\_bpa\\_dev/](https://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/central_valley_pesticides/pyrethroid_tmdl_bpa/staff_report_bpa_dev/)

Storm Water Awareness Week Free Workshops Signup - <https://stormwaterawareness.org/>