

Central Valley Regional Water Quality Control Board

23 March 2016

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MINOR MODIFICATIONS TO WASTE DISCHARGE REQUIREMENTS ORDER R5-2014-0042 (NPDES PERMIT NO. CA0079430); MARIPOSA PUBLIC UTILITY DISTRICT; WASTEWATER TREATMENT FACILITY; MARIPOSA COUNTY

Thank you for the 10 February 2016 email that expressed consent to pursue minor modifications to Waste Discharge Requirements Order R5-2014-0042 (Order) to address inconsistencies in turbidity monitoring requirements. Pursuant to Code of Federal Regulations, Title 40, Part 122.63, permits may be modified to institute minor changes, including the correction of typographical errors and the addition of more frequent monitoring.

The Order includes typographical errors in Attachment E (Monitoring and Reporting Program or MRP), specifically in the naming of the filter effluent monitoring site (FIL-001). Additionally, Attachment E (MRP) inadvertently excludes monitoring site description and monitoring requirements for the filter influent. These filter monitoring sites were introduced correctly in the Order, Provision VI.C.4.a., but the naming convention and expectations did not carry through to Attachment E (MRP). To restore consistency in the Order, Attachment E (MRP) has been modified to follow the filtration specifications introduced in Order, Provision VI.C.4.a.

This letter serves as notification that the following typographical errors have been fixed and the following monitoring requirements have been added to the Order to correct the inconsistencies in turbidity monitoring expectations.

- Attachment E – Monitoring and Reporting Program, Table E-1 Monitoring Station Locations.** Revise the following rows of Table E-1 in underline/strikeout format:

Table E-1 Monitoring Station Locations

Discharge Point Name	Monitoring Location Name	Monitoring Location Description
--	<u>FIL-001</u>	<u>Monitoring of the filter influent to be measured upstream of the filter system.</u>
--	FIL-004 2	Monitoring of the filter effluent to be measured immediately downstream of the filters prior to the disinfection system.

2. **Attachment E – Monitoring and Reporting Program, Provision IX.C.1 and Table E-8 Ultraviolet Light Disinfection System Monitoring Requirements.** Revise MRP, Provision IX.C.1. and the relevant rows of Table E-8 as follows in underline/strikeout format:

C. Filtration System and Ultraviolet Light (UV) Disinfection System

1. **Monitoring Locations UVS-001, and FIL-001, and FIL-002**

Beginning on 4 December 2017, the Discharger shall monitor the UV disinfection system as follows:

Table E-8. Ultraviolet Light Disinfection System Monitoring Requirements

Parameter	Units	Sample Type	Monitoring Location	Minimum Sampling Frequency
<u>Turbidity</u>	<u>NTU</u>	<u>Meter</u>	<u>FIL-001</u>	<u>Continuous^{1,2,3}</u>
<u>Turbidity</u>	<u>NTU</u>	<u>Meter</u>	<u>FIL-002</u>	<u>Continuous^{1,2}</u>
<u>UV Dose³⁴</u>	<u>⁴⁵</u>	<u>Calculated</u>	<u>UVS-001</u>	<u>Continuous¹</u>

³ Monitoring at FIL-001 is only required when the Discharger is not using coagulation.

³⁴ Report daily minimum hourly UV dose and daily average UV dose. The minimum hourly average dose shall consist of lowest hourly average dose provided in any channel that had at least one bank of lamps operating during the hour interval. For channels that did not operate for the entire hour interval, the dose will be averaged based on the actual operation time.

⁴⁵ Units are millijoule per square centimeter (mJ/cm²)

The corrected order may be downloaded from the Central Valley Water Board's internet website at: http://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/#mariposa

If you have any questions regarding these minor modifications, please contact Nicolette Dentoni at (559) 444-2505 or at Nicolette.Dentoni@waterboards.ca.gov.

Original signed by Lonnie M. Wass for

Pamela C. Creedon
 Executive Officer

- cc: David Smith, U.S. Environmental Protection Agency, Region IX, San Francisco
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 Sarah Windsor, Friends of Mariposa Creek, Mariposa
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