

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

ORDER NO. R5-2009-XXXX

AMENDING WASTE DISCHARGE REQUIREMENTS
ORDER NO. R5-2008-0185 (NPDES PERMIT NO. CA0077933)

CITY OF WILLIAMS
WILLIAMS WASTEWATER TREATMENT PLANT
COLUSA COUNTY

The Central Valley Regional Water Quality Control Board (hereafter Central Valley Water Board) finds that:

1. On 5 December 2008, the Central Valley Water Board adopted Waste Discharge Requirements Order No. R5-2008-0185 (NPDES Permit), prescribing waste discharge requirements for the City of Williams, Williams Wastewater Treatment Plant, Colusa County. For the purposes of this Order, the City of Williams is hereafter referred to as "Discharger" and the Williams Wastewater Treatment Plant is hereafter referred to as "Facility."
2. The Facility provides sewerage service for the City of Williams community and serves a population of approximately 4,800 people. The Facility is permitted to discharge an average dry weather flow of 0.5 million gallons per day of tertiary treated, disinfected effluent to Salt Creek, a water of the United States and a tributary to Freshwater Creek, which is tributary to the Colusa Basin Drain within the Sacramento River Watershed.
3. The Facility currently only provides secondary treatment with chlorine disinfection. The Discharger is developing a compliance project to provide tertiary treatment by 1 October 2010 as required in the NPDES Permit. The Discharger's proposed project will replace the existing chlorine disinfection system with ultraviolet light (UV) disinfection.
4. The NPDES Permit includes a new requirement for the Discharger to conduct continuous effluent monitoring for Total Residual Chlorine. The current Facility does not have the equipment necessary to perform continuous monitoring for Total Residual Chlorine. Due to the proposed switch to UV disinfection, the Discharger states that it would not be prudent to expend the time and funds necessary to install the equipment to perform continuous chlorine monitoring for the relatively short compliance schedule.
5. The Discharger requested that the monitoring frequency for Total Residual Chlorine be reduced from continuous to daily grab sampling until the UV disinfection system is operational, at which time the monitoring for Total Residual Chlorine would no longer be necessary, except to perform grab samples when chlorine is used for non-disinfection events (e.g. maintenance or odor control).

6. Staff believes this is a reasonable request since the equipment to perform continuous monitoring would have to be purchased and installed by the Discharger, the Discharger is in the midst of a compliance project, and grab sampling proposed by the Discharger will be satisfactory in the interim until the UV system is installed and operational.
7. This Order amends the NPDES Permit by modifying the Monitoring and Reporting Program to reduce the monitoring frequency for Total Residual Chlorine from continuous monitoring to daily grab sampling. Any impact on existing water quality will be insignificant.
8. Issuance of this Order is exempt from the provisions of the California Environmental Quality Act (Public Resources Code section 21000, et seq.), in accordance with CWC section 13389.
9. The Central Valley Water Board has notified the Discharger and interested agencies and persons of its intent to amend Waste Discharge Requirements and the Monitoring Program Requirements for this discharge and has provided them with an opportunity to submit their written views and recommendations.
10. Any person adversely affected by this action of the Central Valley Water Board may petition the State Water Resources Control Board to review this action. The petition must be received by the State Water Resources Control Board, Office of the Chief Counsel, P.O. Box 100, Sacramento, CA 95812-0100, within 30 days of the date on which this action was taken. Copies of the law and regulations applicable to filing petitions will be provided on request.

IT IS HEREBY ORDERED THAT:

Waste Discharge Requirements Order No. R5-2008-0185 (NPDES No. CA0077933) is amended solely to modify the monitoring frequency for Total Residual Chlorine. Order No. R5-2008-0185 shall be amended as follows.

1. As a global change throughout the Order, the Order number is changed to R5-2008-0185-01.
2. Attachment E, Monitoring and Reporting Program, Table E-3, is amended as follows:

Table E-3. Effluent Monitoring

Parameter	Units	Sample Type	Minimum Sampling Frequency	Required Analytical Test Method and (Minimum Level, units), respectively
Total Residual Chlorine ²	mg/L	Meter	Continuous	1

²Total chlorine residual must be monitored with a method sensitive to and accurate at the permitted level of 0.01 mg/L. Samples shall be collected downstream of last chlorine addition, after de-chlorination. Daily grab sampling shall be allowed until 1 October 2010. After 1 October 2010, provided a UV disinfection system is installed and operational, total residual chlorine monitoring shall no longer be required except for daily grab sampling when chlorine is used for non-disinfection events (e.g. maintenance or odor control). If the chlorine disinfection system is not replaced by a UV disinfection system by 1 October 2010, the total chlorine residual shall be monitored continuously.

I, PAMELA C. CREEDON, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the Central Valley Water Board, on 13 August 2009.

PAMELA C. CREEDON, Executive Officer