

**LATE REVISIONS
CITY OF DAVIS
WASTEWATER TREATMENT PLANT
YOLO COUNTY**

**NPDES Permit Renewal (NPDES No. CA0079049), Time Schedule Order (TSO),
Order to amended TSO No. R5-2010-0029-01
Regional Water Quality Control Board, Central Valley Region
Board Meeting – 4 October 2013
ITEM # 22**

Late Revisions to the NPDES Permit.

1. Attachment F – Fact Sheet. Section IV.C. 3.c.v.(d).(2) Copper-Plant Performance Attainability

Modify the following section, in part, as shown in underline/strikeout format below:

(2) Discharge Point No. 002. TSO No. R5-2010-0029-024 provides a compliance schedule to achieve compliance with the final effluent limitations for copper by 30 September 2014. ~~A new compliance time schedule for compliance with the copper effluent limitations is established in TSO R5-2013-XXXX, with compliance with final effluent limitations required by 25 October 2017 in accordance with Water Code section 13300 that requires preparation and implementation of a pollution prevention plan in compliance with Water Code section 13263.3.~~

2. Attachment F – Fact Sheet. Section IV.C. 3.c.vi.(d) Cyanide-Plant Performance Attainability

Modify the following section, in part, as shown in underline/strikeout format below:

(d) Plant Performance and Attainability. TSO No. R5-2010-0029-024 provides a compliance schedule to achieve compliance with the final effluent limitations for cyanide at Discharge Point No. 001 by 1 February 2015. ~~A new compliance time schedule for compliance with the cyanide effluent limitations is established in TSO R5-2013-XXXX, with compliance with final effluent limitations required by 25 October 2017, in accordance with Water Code section 13300 that requires preparation and implementation of a pollution prevention plan in compliance with Water Code section 13263.3.~~

3. Attachment F – Fact Sheet. Section IV.C. 3.c.xii.(d) Selenium-Plant Performance Attainability

Modify the following section, in part, as shown in underline/strikeout format below:

(d) Plant Performance and Attainability. TSO No. R5-2010-0029-024 provides a compliance schedule to achieve compliance with the final effluent limitations for selenium at Discharge Point Nos. 001 and 002 by 1 February 2015. ~~A new compliance time schedule for compliance with the selenium effluent limitations is established in TSO R5-2013-XXXX, with compliance with final effluent limitations required by 25 October 2017, in accordance with Water Code section 13300 that requires~~

~~preparation and implementation of a pollution prevention plan in compliance with Water Code section 13263.3.~~

Late Revisions to the Order to amend TSO No. R5-2010-0029-01.

1. Amending Order R5-2013-XXXX – Finding #8.

Modify Finding 8 as shown in underline/strikeout format below:

8. This Order amends TSO No. R5-2010-0029-01 to include reference to WDR Order R5-2013-XXXX and to remove reference to WDR Order R5-2007-0132-02. This Order does not amend the time schedule for completion of intermediate tasks or ~~with~~ the final time schedule to achieve compliance with the final effluent limitations for copper (Discharge Point No. 002 only), cyanide (Discharge Point No. 001 only), and selenium. See Attachment A, amended TSO No. R5-2010-0029-02.

2. Attachment A (amendments to Time Schedule Order No. R5-2010-0029-01) – Finding #4.

Modify the table in Finding 4 as shown in underline/strikeout format below:

4. WDR Order R5-2013-XXXX contains Final Effluent Limitations IV.A.2.a for Discharge Point 002, which reads, in part, as follows:

Effluent Limitations – Discharge Point 002

Parameter	Units	Effluent Limitations				
		Average Monthly	Average Weekly	Maximum Daily	Instantaneous Minimum	Instantaneous Maximum
Copper, Total Recoverable	µg/L	2316		4933		
Selenium, Total Recoverable	µg/L	4.45	--	7.46.9	--	--
	lbs/day ¹	0.28	--	0.443	--	--

¹ Based on an average dry weather flow of 7.5 mgd.

3. Attachment A (amendments to Time Schedule Order No. R5-2010-0029-01) – Finding #12.

Modify Finding 12 as shown in strikeout format below:

- 12. Cyanide.** Design alternatives for a Facility upgrade to identify a cost effective project that will achieve compliance with the final effluent limits for cyanide are in review by two emeritus professors of the University of California, Davis College of Civil and Environmental Engineering and a panel of wastewater treatment professionals. ~~The Discharger plans to upgrade the Facility disinfection system from chlorine to UV.~~ The Facility upgrades are expected to be online by 25 October 2017. In addition, the analytical testing methodology for cyanide has been suspected of resulting in false positive results due to the complex chemistry associated with cyanide. The United States Environmental Protection Agency is currently developing regulatory changes to the analytical testing methods to address possible interferences that may be caused by sample preservation. The proposed changes to the analytical testing requirements could result in compliance with the cyanide effluent limitations.