

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LAHONTAN REGION

BOARD ORDER NO. R6V-2009-0138A1
WDID NO. 6B360908004

AMENDED WATER RECYCLING REQUIREMENTS

FOR

HIGH DESERT POWER PROJECT

San Bernardino County

The California Regional Water Quality Control Board, Lahontan Region (Water Board) finds that:

1. User – Producer - Distributor

On August 24, 2009, the High Desert Power Project, LLC, hereinafter the "User," submitted an application/Report of Waste Discharge (RWD) for cooling applications at the High Desert Power Project facility (HDPP). The City of Victorville, through its Victorville Water District subsidiary, will supply recycled water obtained from their Southern California Logistics Airport (SCLA) Central Wastewater Treatment Plant (CWTP). The City of Victorville is a "Producer" of recycled water that may be used by HDPP. The City of Victorville is also the Distributor of recycled water to HDPP. For the purposes of this Order, "recycled water" as defined in the California Water Code (CWC), section 13050 and "reclaimed water" as used in CWC section 13523 are synonymous and refer to treated wastewater suitable for reuse.

2. Other Related Requirements

Board Order No. R6V-2009-0138, adopted on December 9, 2009, authorizes HDPP to use recycled water from Victor Valley Wastewater Reclamation Authority's (VWVRA) Victor Valley Municipal Wastewater Treatment Plant for cooling water purposes. This amendment authorizes the User to also use recycled water for cooling water purposes from the City of Victorville's SCLA CWTP.

The Water Board has authorized VWVRA and the City of Victorville, as Producers, to supply HDPP recycled water for cooling purposes. Board Order No. R6V-2003-028A1, adopted on March 10, 2010, authorizes VWVRA to produce and distribute recycled water to HDPP for use in its cooling water system. Board Order No. R6V-2010-0023, adopted on June 9, 2010, authorizes the City of Victorville to produce recycled water for HDPP to use for cooling water purposes.

3. Reason for Action

The purpose of this amendment is to authorize the User to use title 22 recycled water supplied from the City of Victorville, SCLA CWTP for HDPP cooling water purposes. This amendment does not affect HDPP's use of recycled water produced from the VVWRA as authorized in Board Order No. R6V-2009-0138.

CWC, Section 13523, provides the authority by which the Water Board can prescribe water reclamation (recycling) requirements for users and/or producers of recycled water, following consultation with the California Department of Public Health (CDPH).

California Code of Regulations (CCR), title 22, section 60323 requires the submittal of an Engineering Report to the CDPH for any proposed wastewater reuse. The City of Victorville submitted an Engineering Report on February 25, 2010 for the use of recycled water from the SCLA CWTP. CDPH accepted the Engineering Report with conditions in a letter to the Water Board dated April 8, 2010.

4. Recycled Water Transmission and Distribution

The City of Victorville delivers recycled water through the City's recycled water distribution infrastructure.

5. SCLA CWTP Treatment Processes

The Producer will produce disinfected tertiary wastewater from the SCLA CWTP. Recycled water must meet CCR, title 22 requirements for use as cooling water.

6. California Environmental Quality Act

The continued operation of this existing facility with minor modifications under these amended Water Recycling Requirements is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, section 21000 et seq.) in accordance with title 14, CCR, section 15301.

7. Notification of Interested Parties

The Water Board has notified the User, Producers, Distributor, and interested persons of its intent to adopt Amended Water Recycling Requirements for the High Desert Power Project, LLC.

8. Consideration of Public Comments

The Water Board, in a public meeting, heard and considered all comments pertaining to the recycled water use project.

IT IS HEREBY ORDERED pursuant to CWC, sections 13523, 13263, and 13267 that the User shall comply with the following:

I. Effluent Specifications

The effluent limitations specified in Board Order No. R6V-2009-0138 remain in effect.

II. User Recycled Water Requirements

The user recycled water requirements of Board Order No. R6V-2009-0138 remain in effect.

III. General Requirements and Prohibitions for Recycled Water Use

A.-C. General requirements and prohibitions A, B, and C of R6V-2009-0138 remain in effect.

D. General requirement and prohibition D of R6V-2009-0138 is deleted.

E. General requirement and prohibition E of R6V-2009-0138 is replaced with the following:

An agreement shall be established between the Producer and the User assuring that recycled water is delivered and utilized in conformance with this Order, the recycling criteria contained in CCR, title 22, division 4, chapter 3, sections 60301 through 60355, and the "Guidelines for Use of Reclaimed Water" by the state CDPH. The agreement shall also be such that periodic inspections of the facility to monitor compliance shall be conducted.

IV. Provisions

The provisions of Board Order No. R6V-2009-0138 remain in effect.

I, Harold J. Singer, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Board, Lahontan Region, on October 14, 2010.


HAROLD J. SINGER
EXECUTIVE OFFICER