

ORDER NO. R5-2007-0172

SPECIAL ORDER
FOR
STATE CENTER COMMUNITY COLLEGE DISTRICT
GROUNDWATER CLEANUP SYSTEM
FRESNO COUNTY
AMENDING WASTE DISCHARGE REQUIREMENTS ORDER NO. R5-2002-0107
AND RESCINDING NPDES PERMIT NO. CA0083615

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

1. State Center Community College District (hereafter Discharger) is authorized to discharge treated groundwater from a groundwater cleanup system and non-contact cooling water from campus air conditioners (hereafter wastewater) pursuant to Waste Discharge Requirements Order (Order) No. R5-2002-0107 and National Pollutant Discharge Elimination System (NPDES) Permit No. CA0083615, adopted by the Regional Water Board on 7 June 2002.
2. The groundwater cleanup system is on the Discharger's Reedley College Campus in Reedley, Fresno County (Section 22, T15S, R23E, MDB&M). The system was installed to extract and treat underlying groundwater impacted by trichloroethylene (TCE). The cleanup system consists of a groundwater extraction well, sand separator, micron screen, and granular activated carbon vessels.
3. Treated groundwater is routed to two onsite lined storage ponds. The ponds historically received non-contact cooling water from campus air conditioners during the period from March to October. Water accumulated in the ponds is periodically discharged to a 12-acre reclamation area for irrigation of crops.
4. At times when irrigation demand is low, water accumulated in the storage ponds overflows to the campus storm drain system. The campus storm drain system ultimately discharges to the Kings River, a water of the United States (U.S.).
5. For discharge from the groundwater cleanup system to the storage ponds (Discharge 001), Order No. R5-2002-0107 authorizes a daily maximum flow of 0.15 million gallons per day (mgd). For the discharge of accumulated water in the ponds to the 12-acre reclamation area, Order No. R5-2002-0107 authorizes a maximum flow of 0.66 mgd. For discharge of overflow water to the Kings River via the campus storm drain system (Discharge 002), Order No. R5-2002-0107 authorizes a maximum flow of 1.45 mgd.
6. On 6 December 2006, the Discharger filed a Report of Waste Discharge and submitted an application for renewal of the Order and NPDES Permit for continued discharge. The Discharger submitted an amendment to the application in April 2007. By letter dated 1 June 2007, Order No. R5-2002-0107 was administratively continued.
7. By letter dated 14 August 2007, the Discharger requested that the Regional Water Board rescind the NPDES Permit for discharges to the Kings River due to planned

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changes in the remediation strategy for soils and groundwater impacted by TCE. The Discharger proposes to install and operate a soil vapor extraction system that will target the source of TCE contamination. Operation of the groundwater extraction and cleanup system will likely continue, but operational time may be limited and thus discharge volumes decreased.

8. The Discharger reports that the campus air conditioning system has been modified and non-contact cooling water is no longer discharged to the onsite storage ponds. Without the cooling water, the Discharger reports that the storage ponds have sufficient capacity to receive the water from the scaled-back groundwater cleanup system without potential overflow to the campus storm drain system and discharge to Kings River. Thus, discharge of accumulated treated groundwater and/or non-contact cooling water to the Kings River will no longer occur and the NPDES provisions of Order No. R5-2002-0107 are no longer necessary.
9. The Discharger requests modifications to Monitoring and Reporting Program (MRP) No. R5-2002-0107 to eliminate sampling for total petroleum hydrocarbons (TPH), benzene, toluene, ethylbenzene, xylenes, methyl tertiary butyl ether (MTBE), tertiary amyl methyl ether (TAME), di-isopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), and tertiary butyl alcohol (TBA). Based on available historical sampling data for the groundwater treatment system and groundwater, amending MRP No. R5-2002-0107 to eliminate testing for these constituents is appropriate.
10. Order No. R5-2002-0107 found the permitted discharge consistent with the antidegradation provisions of 40 CFR 131.12 and State Water Resources Control Board Resolution No. 68-16.
11. Given the foregoing, it is reasonable and appropriate to amend Order No. R5-2002-0107 to rescind authorization to discharge under the NPDES program and to amend the concomitant limitations and provisions, where appropriate, to allow the balance of Order No. R5-2002-0107 to continue in full force.
12. The action to amend Order No. R5-2002-0107 is exempt from the provisions of Chapter 3 of the California Environmental Quality Act (Public Resources Code Section 21000 et seq.) in accordance with Title 14, California Code of Regulations, Section 15301 (existing facility), and Title 14, California Code of Regulations, Section 15061(b)(3).
13. On 6 December 2007, after due notice to the Discharger and all other affected persons, a public hearing was held and all evidence received concerning amendment of Order No. R5-2002-0107 was considered.

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IT IS HEREBY ORDERED that, pursuant to California Water Code Sections 13263 and 13377, Waste Discharge Requirements Order No. R5-2002-0107 is amended to terminate NPDES Permit No. CA0083615 with the following actions:

1. Discharge Prohibition A.1 is superseded with the following: "Discharge to the Kings River or of material other than the treated groundwater described in Finding Nos. 1 through 3 is prohibited."
2. Discharge Prohibition A.2 is superseded with the following: "The by-pass or overflow of untreated or partially treated wastes is prohibited except as allowed by Standard Provision E.2."
3. Effluent Limitation B.4 is modified to eliminate TPH, benzene, ethylbenzene, toluene, xylene, MTBE, TAME, DIPE, ETBE, and TBA.
4. Effluent Limitations B.3 and B.7 are deleted and void.
5. Receiving Water Limitations E.1 through E.14 are deleted and void.
6. Provision F.1 is amended to replace reference to "*Standard Provisions and Reporting Requirements for Waste Discharge Requirements (NPDES), dated 1 March 1991*" with "*Standard Provisions and Reporting Requirements for Waste Discharge Requirements, 1 March 1991*".
7. Provision F.15 is amended to replace reference to "*The statement shall comply with the signatory paragraph of Standard Provision D.6...*" with "*The statement shall comply with the signatory paragraph of Standard Provision B.3...*".
8. The second paragraph of Provision F.2 is deleted and void.
9. Provisions F.3 and F.20 are deleted and void.
10. MRP No. R5-2002-0107 is modified to eliminate testing requirements for TPH, benzene, toluene, ethylbenzene, xylenes, MTBE, TAME, DIPE, ETBE, and TBA for Influent Monitoring (page 1), Mid-treatment Monitoring (page 2), and Effluent Monitoring (page 3). MRP No. R5-2002-0107 is modified to eliminate testing requirements for TPH, MTBE, TAME, DIPE, ETBE, and TBA for Groundwater Monitoring (page 6).

I, Pamela C. Creedon, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Central Valley Region, on 6 December 2007.

PAMELA C. CREEDON, Executive Officer