California Regional Water Quality Control Board
Santa Ana Region

ORDER NO. R8-2004-0074

Amending Order No. 01-23, NPDES No. CA0105694
Waste Discharge Requirements
for
The Metropolitan Water District of Southern California
Robert B. Diemer Filtration Plant
Yorba Linda, Orange County

The California Regional Water Quality Control Board, Santa Ana Region (hereinafter, Regional Board), finds that:

1. On June 1, 2001, the Board adopted Order No. 01-23, NPDES No. CA0105694, renewing waste discharge requirements for the Robert B. Diemer Filtration Plant, which is owned and operated by the Metropolitan Water District of Southern California (hereinafter discharger). Wastewater discharges from the Plant are to Telegraph Canyon Creek, Carbon Canyon Creek, and other unnamed tributaries. These creeks flow into the Santa Ana River or San Gabriel River.

2. On April 29, 2004, the discharger requested that Order No. 01-23 be amended to rename the existing Outfall No. 003 to Outfall No. 003 East and add new Outfall No. 003 West (also known as Settling Basin No. 8 Spillway Conduit).

3. The existing outfall No. 003 is the current Plant Rejection Structure at Telegraph Canyon Creek and serves the entire facility. The outfall is permitted for a maximum discharge of 25,000 gallons per day (gpd). Wastewater discharges into Outfall 003 come from minor plant leakage, sample/instrument water flow from plant operations, sedimentation basins leakage, and "non-industrial" storm water.

4. The settling Basin No. 8 Spillway Conduit Project will modify the existing outfall No. 003 to separate the plant rejection into two distinct outfalls, East and West outfalls. There will be no physical changes to Outfall No. 003. The new Outfall 003 West is anticipated to have a maximum daily average discharge of 25,000 gpd. The effluent water quality from Outfall 003 West will be the same as Outfall 003 East.

5. In accordance with Water Code Section 13389, the amendment of Order No. 01-23 is exempt from those provisions of the California Environmental Quality Act contained in Chapter 3 (commencing with Section 21100), Division 13 of the Public Resources Code.

6. The Regional Board has notified the discharger and other interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity to submit their written views and recommendations.

7. The Regional Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that Order No. 01-23, NPDES No. CA0105694 be amended as follows:

1. Page 1 of 7 of Order No. 01-23, replace Finding 2 with the following:

   2. The Robert B. Diemer Filtration Plant treats a blend of raw water from the California State Water Project and the Colorado River for potable use. The water treatment plant waste is discharged to six settling basins, two of which are used for emergency backup. The following is a list of outfall locations, discharge volumes, and discharge points:

Outfall No.	Latitude	Longitude	Discharge (gpd)	Discharge to
001[1]	33°54'36"	117°48'50"	100,000	Telegraph Canyon Creek and Carbon Canyon Creek
002[2]	33°54'50"	117°49'20"	-----	Unnamed water course and Carbon Canyon Creek
003[3] East	33°54'49"	117°49'01"	25,000	Telegraph Canyon Creek
003[4] West	33°55'65"	117°48'94"	25,000	Telegraph Canyon Creek
004[5]	33°54'51"	117°49'10"	10,000	Unnamed water course and Telegraph Canyon Creek

2. Page 2 of 4 of Monitoring and Reporting Program No. 01-23, replace paragraph B.1. with the following:

   1. A sampling station shall be located where representative samples of the discharge can be obtained from Outfalls 001, 002, 003 East, 003 West and 004. The following shall constitute the effluent monitoring program:

3. All other conditions and requirements of Order No. 01-23, NPDES No. CA0105694 shall remain unchanged.

I, Gerard J. Thibeault, 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 Control Board, Santa Ana Region, on December 20, 2004.

Gerard J. Thibeault
Executive Officer

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1 Four sedimentation basins.
2 Two emergency discharge sedimentation basins.
3 Plant rejection structure (hydraulic overflow, leakage, and nuisance water discharge).
4 Settling Basin No. 8 Spillway Conduit (340 MGD design capacity).
5 Leakage discharge from 25 million gallon reservoir.

California Regional Water Quality Control Board
Santa Ana Region

Terry Tamminen
Secretary for Environmental Protection

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Arnold Schwarzenegger
Governor

December 29, 2004

John E. Clark, Manager Environmental Support Services
Metropolitan Water District of Southern California
Robert B. Diemer Filtration Plant
Box 54153
Los Angeles, CA 90054-0153

TRANSMITTAL OF ADOPTED ORDER NO. R8-2004-0074

Dear Mr. Clark:

At the regular Board Meeting held on Monday, December 20, 2004, the Regional Board adopted Order No. R8-2004-0074. A certified copy is enclosed for your records.

Sincerely,

CATHERINE EHRENFELD
Staff Services Analyst

Enclosure: Adopted Order No. R8-2004-0074

c. Tetra Tech, Inc., Lee Solomon
United States Environmental Protection Agency, WTR 5, Permits Section, Doug Everhardt

/cae