

**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION**

TIME SCHEDULE ORDER NO. 99-111

ISSUED TO

U. S. MARINE CORPS BASE

CAMP WILSON WASTEWATER TREATMENT PLANT

Northeast of Twentynine Palms – San Bernardino County

The California Regional Water Quality Control Board, Colorado River Basin Region, (hereinafter referred to as the Regional Board) finds that:

1. The U. S. Marine Corps, Marine Corps Air Ground Combat Center (MCAGCC), P. O. Box 788100, Twentynine Palms, CA 92278-8100 (hereinafter referred to as the discharger) owns and operates the Wastewater Treatment Plant located at Camp Wilson at MCAGCC, in Twentynine Palms, CA 92278-8100. The plant is designed for a maximum flow of 120,000 gallons-per-day (gpd) and is located approximately nine miles, northwest of the main camp, and within the boundaries of the Base.
2. The discharger is discharging a maximum of 80,000 gpd of domestic sewage into the plant's two oxidation basins, which overflow into another basin for final disposal by evaporation and infiltration.
3. On May 19, 1993, the Regional Board adopted Board Order No. 93-031, which specified effluent limitations, prohibitions, specifications, and provisions necessary to protect the beneficial uses of the surface and ground waters of this Region.
4. The beneficial uses of ground waters in the Dale Hydrologic Unit are:
 - a. Municipal supply (MUN)
 - b. Industrial supply (IND)
 - c. Agricultural supply (AGR)
5. The discharger is in violation of Discharge Specification A.2. of Board Order No. 93-031, which states that:

"Representative samples of wastewater effluent discharged to evaporation and infiltration basins from treatment facilities shall not contain constituents in excess of the following limits:

<u>Constituent</u>	<u>Unit</u>	<u>30-Day Arithmetic Mean Discharge Rate</u>	<u>7-Day Arithmetic Mean Discharge Rate</u>
20°C BOD ₅	mg/L	45	65
Suspended Solids	mg/L	95	--
Settleable Matter	ml/L	0.3	0.5"

6. Table 1 (Camp Wilson Violation List) incorporated herein and made part of this Time Schedule Order was prepared based on the monthly monitoring reports that the Regional Board receives from MCAGCC. Table 1 illustrates the noncompliance with the above provisions from March 1998 through July 1999.
7. Regional Board staff has been working with MCAGCC to rectify the noncompliance issue since the time the problem started through several formal and informal discussions with MCAGCC staff. Two letters of noncompliance were sent out to MCAGCC on April 26 and July 30, 1999.
8. In a letter dated May 26, 1999, a compliance schedule was proposed by the MCAGCC to correct the existing deficiencies of the treatment system and to comply with Regional Board requirements.
9. Section 13300 of the California Water Code states:

"Whenever a regional board finds that a discharge of waste is taking place or threatening to take place that violates or will violate requirements prescribed by the regional board, or the state board, or that the waste collection, treatment, or disposal facilities of a discharger are approaching capacity, the board may require the discharger to submit for approval of the board, with such modifications as it may deem necessary, a detailed time schedule of specific actions the discharger shall take in order to correct or prevent a violation of requirements."
10. This enforcement action is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 21000, et. seq.) in accordance with Section 15321, Article 19, Division 3, Title 14, California Code of Regulations.

IT IS HEREBY ORDERED, that the discharger shall comply with the following:

1. The discharger shall take specific actions as indicated in the following time schedule in order to achieve compliance with Board Order No. 93-031:

<u>Task</u>	<u>Completion Date</u>	<u>Task Description</u>
1	May 2000	Completion date for design of a treatment facility
2	September 2000	Completion date for contract award to build a treatment facility
3	March 1, 2001	New system fully functional and operating

2. The discharger shall submit monthly reports on the status of the tasks described above by the 15th day of each month.

If in the opinion of the Regional Board's Executive officer, the discharger fails to comply with this Time Schedule Order, it is anticipated that the Regional Board's Executive Officer will take further enforcement actions against the discharger in accordance with the California Water Code.

Philip A. Steinberg
Executive Officer

12-1-99
Date

TABLE 1

CAMP WILSON VIOLATION LIST

U. S. MARINE CORPS BASE
 CAMP WILSON WASTEWATER TREATMENT PLANT
 Northeast of Twentynine Palms – San Bernardino County

Date Monthly Report	Constituent BOD 45-mg/L – 65 mg/L	Constituent Suspended Solids 95 mg/L (Maximum)	Constituent Settleable Matter 0.3 ml/L – 0.5 ml/L
7/99	71	105	0.2
6/99	110	285	4.75
5/99	130	135	0.3
4/99	125	125	0.55
3/99	125	125	0.55
2/99	84	150	0.1
1/99	42	28	0.1
12/98	76	42	0.4
11/98	NA	NA	NA
10/98	63	90	0.15
9/98	66.5	80	0.2
8/98	149	97	0.75
7/98	83	110.5	1.0
6/98	77	105	0.3
5/98	NA	NA	NA
4/98	51.5	64.0	ND
3/98	161	186	4.0

BOD – Biochemical Oxygen Demand
 NA – Data Not Available
 ND – Non-Detect
 mg/L – milligrams per Liter
 ml/L – milliliters per Liter
 Bold Numbers – Values exceed permit limits