

California Regional Water Quality Control Board
San Diego Region

ADDENDUM NO. 1 TO ORDER NO. 97-52

AN ADDENDUM ADDING THE SOUTH COAST WATER DISTRICT TO THE
WASTE DISCHARGE AND WATER RECYCLING REQUIREMENTS
FOR THE
SOUTH ORANGE COUNTY RECLAMATION AUTHORITY,
ORANGE COUNTY

The California Regional Water Quality Control Board, San Diego Region (hereinafter Regional Board) finds that:

1. Order No. 97-52, *Waste Discharge and Water Recycling Requirements for the Production and Purveyance of Recycled Water by Member Agencies of the South Orange County Reclamation Authority* prescribes requirements for the South Orange County Reclamation Authority (SOCRA) and its member agencies listed in Table 1 of the Order.
2. Order No. 97-19 *Waste Discharge and Water Recycling Requirements for the South Coast Water District Advanced Wastewater Treatment Plant, Orange County* prescribes requirements for the treatment and disposal of recycled water by the South Coast Water District.
3. This Addendum adds South Coast Water District, who became a member agency of SOCRA in August 1999, to Order No. 97-52 and rescinds Order No. 97-19.
4. The Regional Board has notified all known interested parties of its intent to amend waste discharge and water recycling requirements.
5. On September 10, 1992, South Orange County Reclamation Authority approved a Negative Declaration for the use of recycled water within the SOCRA jurisdictional area in accordance with the California Environmental Quality Act (Public Resources Code Section 21000, et seq.), after a public hearing was held. The project as approved by SOCRA will not have a significant effect on water quality.
6. The Regional Board has considered all water resource related environmental factors associated with the proposed discharge of waste.
7. The Regional Board in a public meeting heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that:

1. Table 1 and Table 2 of Order No. 97-52 are superceded by the following:

Table 1

SOCRA MEMBER AGENCIES

| AGENCIES | MEMBERSHIP STATUS |
|----------------------------------|-------------------|
| Capistrano Valley Water District | MEMBER |
| El Toro Water District | MEMBER |
| Irvine Ranch Water District | ASSOCIATE MEMBER |
| Los Alisos Water District | MEMBER |
| Moulton Niguel Water District | MEMBER |
| Santa Margarita Water District | MEMBER |
| South Coast Water District | MEMBER |
| Trabuco Canyon Water District | MEMBER |

Table 2

SANITATION AGENCIES WITHIN SOCRA

| AGENCIES |
|--------------------------------|
| El Toro Water District |
| Emerald Bay Service District |
| City of Laguna Beach |
| Los Alisos Water District |
| Moulton Niguel Water District |
| City of San Clemente |
| City of San Juan Capistrano |
| Santa Margarita Water District |
| South Coast Water District |
| Trabuco Canyon Water District |

2. Discharge Specification A.1 is superceded by the following:
 - A.1. The discharge for landscape irrigation and other land disposal projects of an effluent containing pollutants in excess of the limitations specified in Table A-1 and Table A-2 is prohibited.

Table A-1
 EFFLUENT LIMITATIONS FOR RECYCLED WATER
 COMMON TO ALL FACILITIES WITHIN THE SOCRA AREA

| CONSTITUENT | 12 month ¹ Avg. (mg/L) | Daily ² Maximum (mg/L) |
|--|---|---|
| Biochemical Oxygen Demand (BOD ₅ @ 20°C) | 30 | 45 |
| Total Suspended Solids | 30 | 45 |
| pH (within limits shown at all times) | 6.0 - 9.0 | 6.0 - 9.0 |
| Total Dissolved Solids | 1000 ³ | 1100 ³ |
| Chloride | 375 ³ | 400 ³ |
| Sulfate | 400 ³ | 450 ³ |
| % Sodium | 60 | 65 |
| Nitrate | 45 | 50 |
| Iron | 0.3 | 0.4 |
| Manganese | 0.05 | 0.06 |
| MBAS | 0.5 | 0.6 |
| Boron | 0.67 | 0.75 |
| Odor | NONE | NONE |
| Aluminum | 1.0 | |
| Arsenic | 0.05 | |
| Antimony | 0.006 | |
| Barium | 1.0 | |
| Beryllium | 0.004 | |
| Cadmium | 0.005 | |
| Chromium | 0.05 | |
| Cyanide | 0.2 | |
| Mercury | 0.002 | |
| Nickel | 0.1 | |
| Selenium | 0.05 | |
| Thallium | 0.002 | |

- 1 The 12 month average effluent limitation shall apply to the arithmetic mean of the results of all samples collected during any 12 month consecutive calendar period.
- 2 The daily maximum effluent limitation shall apply to the results of a single composite or grab sample.
- 3 Concentrations of total dissolved solids, chloride and sulfate in the discharge of effluent from SCWD for landscape irrigation and other land disposal projects within H.S.A. 901.13, 901.14 and 901.27 shall not exceed the limitations specified in Table A-2.

Table A-2

TDS, CHLORIDE AND SULFATE LIMITATIONS
 SOUTH COAST WATER DISTRICT

| CONSTITUENT | 12 month ¹ Avg. (mg/L) | Daily ² Maximum (mg/L) |
|------------------------|---|---|
| Total Dissolved Solids | 1200 | 1250 |
| Chloride | 400 | 450 |
| Sulfate | 500 | 550 |

3. Order No. 97-19 *Waste Discharge and Water Recycling Requirements for the South Coast Water District Advanced Wastewater Treatment Plant, Orange County* is rescinded.

I, John Robertus, Executive Officer, do hereby certify the foregoing is a full, true and correct copy of an Addendum adopted by the California Regional Water Quality Control Board, San Diego Region, on October 13, 1999.



JOHN H. ROBERTUS
Executive Officer