



Winston H. Hickox
Secretary for
Environmental
Protection

California Regional Water Quality Control Board

San Diego Region

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Gray Davis
Governor

October 2, 2002

Mr. Alan C. Langworthy
Deputy Director
Environmental Monitoring & Technical Services Division
City of San Diego Metropolitan Wastewater Department
4918 North Harbor Drive, Suite 201
San Diego, CA 92106-2359

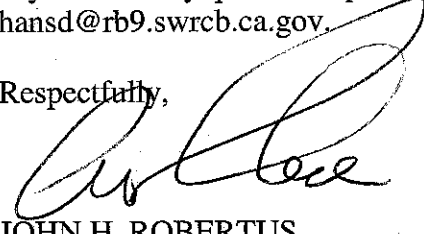
Dear Mr. Langworthy:

**TECHNICAL CHANGE ORDER NO. 1 TO MONITORING AND REPORTING
PROGRAM NO. 2000-129, NPDES PERMIT NO. CA0109045
FACILITY: CITY OF SAN DIEGO, SOUTH BAY WATER RECLAMATION PLANT
WDID NO.: 9 000000900**

By letter dated August 8, 2002, the City of San Diego (City) requested minor changes to Order No. 2000-129, NPDES No. CA0109045 for the City's South Bay Water Reclamation Plant (SBWRP). The attached Technical Change Order No. 1 addresses minor changes to the Monitoring and Reporting Program. Modifications to the Order will be addressed in a forthcoming tentative Addendum to be presented to the Regional Board for adoption at a future regularly scheduled Board meeting.

If you have any questions, please contact Mr. David Hanson at (858) 467-2724, or via email at hansd@rb9.swrcb.ca.gov.

Respectfully,

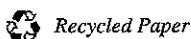

JOHN H. ROBERTUS
Executive Officer

cc: see attached Distribution List

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**CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION**

**TECHNICAL CHANGE ORDER NO. 1
TO
MONITORING AND REPORTING PROGRAM NO. 2000-129
NPDES PERMIT NO. CA0109045
FOR THE
CITY OF SAN DIEGO
SOUTH BAY WATER RECLAMATION PLANT

DISCHARGE TO THE PACIFIC OCEAN
THROUGH THE SOUTH BAY OCEAN OUTFALL

SAN DIEGO COUNTY**

IT IS HEREBY ORDERED THAT Monitoring and Reporting Program No. 2000-129 be modified as follows:

1. **Section II. Monitoring Provisions, No. 10** – The due date for an annual quality assurance report shall be changed from February 1st to April 1st.
2. **Section II. Monitoring Provisions, No. 12** – The due date for the annual monitoring report shall be changed from February 1st to July 1st.
3. **Section II. Monitoring Provisions, No. 14** – The reporting schedule shall be replaced with the following:

| <u>Monitoring Frequency</u> | <u>Report Period</u> | <u>Report Due</u> |
|--|---|---|
| Continuous, Daily, Weekly, or Monthly | All | By the first day of the second month after the month of sampling (e.g., March 1 for January) |
| Quarterly | January-March April-June July-September October-December | June 1 September 1 December 1 March 1 |
| Semiannually | January-June July-December | September 1 March 1 |
| Annually | January-December | July 1 |

4. **Section IV. Effluent Monitoring** – The “Type of Sample” for the following constituents shall be changed to “24-hour composite”

| | | |
|------------------------------|-----------------------------|------------------------|
| bis(2-chloroethoxy) methane | aldrin | hexachlorobenzene |
| bis(2-chloroisopropyl) ether | benzidine | hexachlorobutadiene |
| di-n-butyl phthalate | bis(2-chloroethyl) ether | hexachloroethane |
| dichlorobenzenes | bis(2-ethylhexyl) phthalate | N-nitrosodimethylamine |
| diethyl phthalate | chlordane | N-nitrosodiphenylamine |
| dimethyl phthalate | DDT | PAH's |
| 4,6-dinitro-2-methylphenol | 1,4-dichlorobenzene | PCB's |
| 2,4-dinitrophenol | 3,3-dichlorobenzidine | TCDD equivalents |
| fluoranthene | dieldrin | toxaphene |
| hexachlorocyclopentadiene | 2,4-dinitrotoluene | 2,4,6-trichlorophenol |
| isophorone | 1,2-diphenylhydrazine | |
| nitrobenzene | heptachlor | |

5. **Section V. Land Outfall Monitoring** – The section shall be replaced with the following:

The combined effluent from the South Bay International Wastewater Treatment Plant (SBIWTP) and the SBWRP shall be monitored quarterly. Samples shall be collected from the effluent of each plant and combined in the laboratory in accordance with a ratio that is proportional to the flow from each plant. For those parameters requiring 24-hour composite samples, the samples from each plant shall be collected over the same 24-hour period and combined according to a ratio proportional to the total flow from each plant for the period. For those parameters requiring grab samples, the samples shall be collected from each plant simultaneously and combined according to a ratio proportional to the flow from each plant at the time of sample collection. The monitored parameters shall be the same as for the effluent monitoring program except that acute and chronic toxicity testing shall use the most sensitive species as determined by screening tests of the combined effluent.

6. **Section VI. Receiving Water Monitoring, No. 1. Sampling Stations** – Sampling station locations shall be replaced with the following:

- a. Offshore Stations: Offshore water quality and benthic stations shall be located and numbered as follows:

| <u>Stations</u> | <u>Latitude</u> | <u>Longitude</u> | <u>Depth (ft)</u> | <u>Depth (m)</u> |
|-----------------|-----------------|------------------|-------------------|------------------|
| I-1 | 32 28.400 | 117 16.620 | 198 | 60 |
| I-2 | 32 28.400 | 117 11.940 | 106 | 32 |
| I-3 | 32 28.020 | 117 10.080 | 89 | 27 |
| I-4 | 32 28.300 | 117 08.400 | 59 | 18 |
| I-5 | 32 28.300 | 117 07.800 | 46 | 14 |
| I-6 | 32 29.610 | 117 09.780 | 86 | 26 |
| I-7 | 32 31.000 | 117 15.180 | 172 | 52 |
| I-8 | 32 31.000 | 117 12.120 | 90 | 27 |
| I-9 | 32 30.700 | 117 10.740 | 96 | 29 |

| <u>Stations</u> | <u>Latitude</u> | <u>Longitude</u> | <u>Depth (ft)</u> | <u>Depth (m)</u> |
|-----------------|-----------------|------------------|-------------------|------------------|
| I-10 | 32 31.000 | 117 09.360 | 63 | 19 |
| I-11 | 32 30.800 | 117 08.220 | 43 | 13 |
| I-12 | 32 31.970 | 117 10.980 | 92 | 28 |
| I-13 | 32 32.250 | 117 12.720 | 125 | 38 |
| I-14 | 32 32.580 | 117 11.040 | 92 | 28 |
| I-15 | 32 32.270 | 117 11.340 | 102 | 31 |
| I-16 | 32 32.270 | 117 10.980 | 92 | 28 |
| I-17 | 32 32.270 | 117 10.680 | 83 | 25 |
| I-18 | 32 32.170 | 117 09.660 | 63 | 19 |
| I-19 | 32 32.180 | 117 07.740 | 33 | 10 |
| I-20 | 32 33.420 | 117 15.420 | 182 | 55 |
| I-21 | 32 33.640 | 117 13.620 | 135 | 41 |
| I-22 | 32 33.200 | 117 11.100 | 92 | 28 |
| I-23 | 32 33.050 | 117 09.900 | 69 | 21 |
| I-24 | 32 33.400 | 117 08.700 | 36 | 11 |
| I-25 | 32 33.670 | 117 08.880 | 30 | 9 |
| I-26 | 32 34.470 | 117 08.820 | 30 | 9 |
| I-27 | 32 34.450 | 117 11.460 | 92 | 28 |
| I-28 | 32 35.630 | 117 15.840 | 182 | 55 |
| I-29 | 32 35.670 | 117 13.380 | 125 | 38 |
| I-30 | 32 35.720 | 117 11.820 | 92 | 28 |
| I-31 | 32 35.730 | 117 10.320 | 63 | 19 |
| I-32 | 32 35.680 | 117 08.280 | 33 | 10 |
| I-33 | 32 37.430 | 117 14.220 | 99 | 30 |
| I-34 | 32 37.800 | 117 12.960 | 63 | 19 |
| I-35 | 32 38.200 | 117 10.920 | 63 | 19 |
| I-36 | 32 38.350 | 117 09.240 | 36 | 11 |
| I-37 | 32 38.880 | 117 12.980 | 40 | 12 |
| I-38 | 32 40.130 | 117 11.200 | 36 | 11 |
| I-39 | 32 34.340 | 117 10.050 | 59 | 18 |
| I-40 | 32 33.230 | 117 08.170 | 33 | 10 |

b. Trawl Stations: Trawl stations shall be located and numbered as follows:

| <u>Stations</u> | <u>Latitude</u> | <u>Longitude</u> | <u>Depth (ft)</u> | <u>Depth (m)</u> |
|-----------------|-----------------|------------------|-------------------|------------------|
| SD-15 | 32 28.350 | 117 10.500 | 89 | 27 |
| SD-16 | 32 31.000 | 117 10.720 | 89 | 27 |
| SD-17 | 32 32.200 | 117 11.430 | 99 | 30 |
| SD-18 | 32 32.580 | 117 11.350 | 99 | 30 |
| SD-19 | 32 33.500 | 117 11.080 | 92 | 28 |
| SD-20 | 32 34.680 | 117 11.450 | 96 | 29 |
| SD-21 | 32 36.990 | 117 12.690 | 96 | 29 |

- c. Rig Fishing Stations: Rig fishing stations shall be located and numbered as follows:

| <u>Stations</u> | <u>Latitude</u> | <u>Longitude</u> | <u>Depth (ft)</u> | <u>Depth (m)</u> |
|-----------------|-----------------|------------------|-------------------|------------------|
| RF3 | 32 25.910 | 117 17.655 | 89 | 27 |
| RF4 | 32 32.270 | 117 11.000 | 89 | 27 |

- d. Shore Station Locations: Shore stations shall be located and numbered as follows:

| <u>Stations</u> | <u>Location Description</u> | <u>Latitude</u> | <u>Longitude</u> |
|-----------------|---|-----------------|------------------|
| S-1 | Mexico (near middle of Punta Bandera) | 32 28.218 | 117 07.260 |
| S-2 | Mexico (south of El Vigia Restaraunt) | 32 29.922 | 117 07.380 |
| S-3 | Mexico (Playes de Tijuana) | 32 31.542 | 117 07.440 |
| S-4 | United States (north of border fence) | 32 32.118 | 117 07.500 |
| S-5 | United States (north of mouth of estuary) | 32 33.468 | 117 07.860 |
| S-6 | United Sates (end of Seacoast Drive) | 32 33.978 | 117 07.980 |
| S-8 | United States (Silver Strand, Area 4) | 32 38.208 | 117 08.640 |
| S-9 | United States (Avenida Del Sol) | 32 40.620 | 117 10.680 |
| S-10 | United States (Monument Road) | 32 32.598 | 117 07.500 |
| S-11 | United States (North of Tijuana River) | 32 33.678 | 117 07.920 |
| S-12 | United States (Carnation Street) | 32 35.142 | 117 07.980 |

7. **Section VI. Receiving Water Monitoring, No. 2. Receiving Water Sampling and Analyses Requirements** – The second row of the table within the section shall be replaced with the following two rows:

| Parameter | Units | Stations | Sample Type | Sampling Frequency | Reporting Frequency |
|---|-----------|--|-------------|----------------------|---------------------|
| Total and Fecal Coliforms; Enterococcus | CFU/100ml | S-1 to S-6 and S-8 to S-12 | grab | weekly/ bi-weekly | monthly |
| Total and Fecal Coliforms; Enterococcus | CFU/100ml | I3, I5, I7 to I14, I16, I18 to I24, I30, I32, I33, I36 to I38, I40 | grab | monthly | monthly |

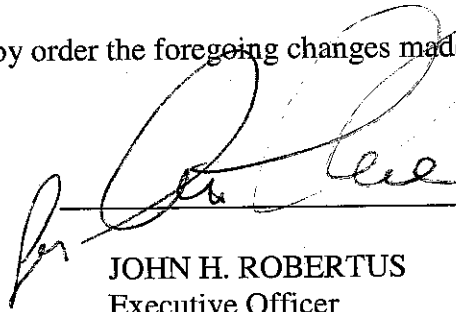
8. **Section VI. Receiving Water Monitoring, No. 2.c** – Reference to shore stations “S-1 to S-9” shall be replaced with “S-1 to S-6 and S-8 to S-12.”

October 2, 2002

9. **Section VII. Monitoring and Reporting Program No. 2000-129 Endnotes, No. 4** – The first sentence of the second paragraph shall be replaced with the following:

All monitoring data shall be made available electronically upon request.

I, John H. Robertus, Executive Officer, do hereby order the foregoing changes made on September 27, 2002.



JOHN H. ROBERTUS
Executive Officer