

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

**ADDENDUM NO. 1
TO
ORDER NO. 96-50
NPDES PERMIT NO. CA0108928**

**WASTE DISCHARGE REQUIREMENTS
FOR THE
INTERNATIONAL BOUNDARY AND WATER COMMISSION
U.S. SECTION**

**INTERNATIONAL WASTEWATER TREATMENT PLANT
DISCHARGE TO THE PACIFIC OCEAN
THROUGH THE SOUTH BAY OCEAN OUTFALL
SAN DIEGO COUNTY**

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

1. On November 14, 1996, this Regional Board adopted Order No.96-50, NPDES Permit No. CA0108928, Waste Discharge Requirements for the International Boundary and Water Commission U.S. Section International Wastewater Treatment Plant Discharge to the Pacific Ocean through the South Bay Ocean Outfall San Diego County. Order No. 96-50 established requirements for the discharge of 25 million gallons per day (MGD) of treated wastewater from the International Wastewater Treatment Plant (IWTP) to the Pacific Ocean through the South Bay Ocean Outfall.
2. Pretreatment Requirement G. 1 of Order No. 96-50 states "In consultation with the Government of Mexico, the discharger shall develop and implement mass emission rate and concentration limitations for the influent to the IWTP (influent limitations) for pollutants that may cause or contribute to interference, pass through or other problems described at 40 CFR 403.5. The influent limits shall prevent violations of the California Ocean Plan and this Order."
3. Pretreatment Requirement G.4 of Order No. 96-50 requires the discharger to submit a project report to include influent limitations, the basis for the influent limitations, a comparison of the influent limitations with the IWTP influent and with any Mexican wastewater quality standards, a sensitivity analysis, and an achievability analysis by June 18, 1997.
4. On June 4, 1997, the Regional Board received a report titled "Development of Headworks Allocations for the South Bay International Wastewater Treatment Plant - Final Report" (Final Report) which includes all the necessary information as required in the above finding.

5. The Final Report identified 16 primary pollutants of concern, including arsenic, beryllium, cadmium, chromium, copper, cyanide, lead, mercury, nickel, silver, zinc, total HCH (Lindane), Aldrin, DDTs, PAHs, and carbon disulfide. Influent limitations could not be developed for Aldrin, DDTs, PAHs, and carbon disulfide, but these constituents will be monitored according to the Monitoring and Reporting Program No. 96-50 and will be studied further in the future to evaluate potential risks and health and safety concerns.
6. The issuance of this Addendum is exempt from the requirements for preparation of environmental documents under the California Environmental Quality Act in accordance with Section 13389 of the California Water Code.
7. The Regional Board has notified the International Boundary Water Commission and all known interested parties of their intent to modify Order No. 96-50. This Addendum constitutes a modification to the NPDES permit. Order No. 96-50 is being modified for the sole purpose of revising the Pretreatment Requirement.
8. The Regional Board, in a public hearing held on September 17, 1997, heard and considered all comments pertaining to the modification of Order No. 96-50.

IT IS HEREBY ORDERED THAT:

Pretreatment Requirement G.9 of Order No. 96-50 is added as follows:

9. Influent Limitations

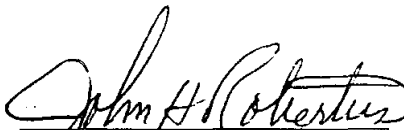
- a. The following influent limitations shall apply to influent in the IWTP prior to any treatment processes:

Constituent/Property	Units	Influent Limitations	Basis
arsenic	mg/l	0.024	Monthly Average
	lb/day	5.0	
beryllium	mg/l	0.0025	Monthly Average
	lb/day	0.52	
cadmium	mg/l	0.061	Monthly Average
	lb/day	13	
chromium	mg/l	1.1	Monthly Average
	lb/day	230	
copper	mg/l	0.15	6-Month Median
	lb/day	32	

Constituent/Property	Units	Influent Limitations	Basis
cyanide	mg/l	0.075	6-Month Median
	lb/day	16	
lead	mg/l	0.16	Monthly Average
	lb/day	34	
mercury	mg/l	0.0054	Maximum
	lb/day	1.1	
nickel	mg/l	0.44	6-Month Median
	lb/day	93	
silver	mg/l	0.052	6-Month Median
	lb/day	11	
zinc	mg/l	1.1	Monthly Average
	lb/day	220	
total HCH (Lindane)	mg/l	0.00042	6-Month Median
	lb/day	0.088	

- b. In the event that the IWTP exceeds influent limitations, the Regional Board will consider any effluent limitation violations as well as action taken by the IBWC to identify the cause and prevent a reoccurrence of influent limitation violations before initiating additional enforcement action.

I, John H. 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 September 17, 1997.


 JOHN H. ROBERTUS
 Executive Officer