

**Annual Receiving Waters Monitoring Report
for the South Bay Ocean Outfall
(South Bay Water Reclamation Plant)
2004**



City of San Diego
Ocean Monitoring Program
Metropolitan Wastewater Department
Environmental Monitoring and Technical Services Division



July 1, 2005

THE CITY OF SAN DIEGO

Mr. John Robertus
Executive Officer
Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, CA 92123

Attention: POTW Compliance Unit

Dear Sir:

Enclosed is the 2004 Annual Receiving Waters Monitoring Report for NPDES Permit No. CA0109045, Order No. 2000-129, for the City of San Diego South Bay Water Reclamation Plant (SBWRP) discharge to the Pacific Ocean through the South Bay Ocean Outfall. This report contains data summaries and statistical analyses for the various portions of the ocean monitoring program, including oceanographic conditions, microbiology, sediment characteristics, macrobenthic communities, demersal fishes and megabenthic invertebrates, and bioaccumulation of contaminants in fish tissues. These data are also presented in the International Boundary and Water Commission's annual report for discharge from the International Wastewater Treatment Plant (NPDES Permit No. CA0108928, Order No. 96-50).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, I certify that the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,

ALAN C. LANGWORTHY
Deputy Metropolitan Wastewater Director

ag

Enclosure

cc: Department of Environmental Health, County of San Diego
U.S. Environmental Protection Agency, Region 9
Metropolitan Wastewater Department Library, City of San Diego



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Appendix B: Supporting Data — Sediment Characteristics

Appendix C: Supporting Data — Demersal Fishes and Megabenthic Invertebrates

Appendix D: Supporting Data — Bioaccumulation of Contaminants in Fish Tissues

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Cover photo: *Platymera gaudichaudii* (Crustacea: Calappidae), by Kelvin Barwick.

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