

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN DIEGO REGION

MONITORING AND REPORTING PROGRAM NO. 94-45
FOR THE
HUBBS-SEA WORLD RESEARCH INSTITUTE
MISSION BAY FACILITY
SAN DIEGO COUNTY

A. MONITORING PROVISIONS

1. Samples and measurements taken as required herein shall be representative of the volume and nature of the discharge. All samples shall be taken at the monitoring points specified in this Monitoring and Reporting Program and, unless otherwise specified, before the effluent joins or is diluted by any other waste stream, body of water, or substance. Monitoring points shall not be changed without notification to and the approval of the Regional Board Executive Officer.
2. Monitoring must be conducted according to United States Environmental Protection Agency or State Department of Health Services approved test procedures as described in the current Title 40, Code of Federal Regulations (CFR), Parts 136 and 261, or the current California Code of Regulations, Title 22, Article 11, as appropriate, unless other test procedures have been specified in this Monitoring and Reporting Program.
3. All analyses shall be performed in a laboratory certified to perform such analyses by the California Department of Health Services or a laboratory approved by the Regional Board Executive Officer.
4. Monitoring results must be reported on discharge monitoring report forms approved by the Regional Board Executive Officer.
5. If the Hubbs-Sea World Research Institute (hereinafter discharger) monitors any pollutant more frequently than required by this Monitoring and Reporting Program, using test procedures as specified in Item 2. above, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the discharger's monitoring report(s). The increase in frequency of monitoring shall also be reported.

6. The discharger shall retain records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of all reports required by this Monitoring and Reporting Program, and records of all data used to complete the NPDES permit application dated December 4, 1992 and supplemental information dated January 4, 1994 for the Hubbs-Sea World Research Institute, Mission Bay facility. Records shall be maintained for a minimum of five years from the date of the sample, measurement, observation, report, or application. This period may be extended during any unresolved litigation regarding this discharge or when requested by the Regional Board Executive Officer.
7. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling, measurements, or observations;
 - b. The individual(s) who performed the sampling, measurements, or observations;
 - c. The date(s) analyses were performed;
 - d. The individual(s) who performed the analyses;
 - e. The analytical techniques or method used; and,
 - f. The results of such analyses.
8. All monitoring instruments and devices which are used by the discharger to fulfill the prescribed monitoring program shall be properly maintained and calibrated as necessary to ensure their continued accuracy.
9. A grab sample is an individual sample of at least 100 milliliters collected at a randomly selected time over a period not exceeding 15 minutes.
10. Revisions of the monitoring program may be appropriate to ensure that the facility does not discharge pollutants. Revisions may be made by the Executive Officer at any time during the term of this Order, and may include a reduction or increase in the number of parameters to be monitored, the frequency of monitoring, or the number or size of samples collected.

B. REPORTING REQUIREMENTS

1. All applications, reports, or information submitted to the Executive Officer of this Regional Board shall be signed and certified.

- a. The Monitoring and Reporting Program reports shall be signed as follows:
 - (1) For a corporation - by a principal executive officer of at least the level of vice-president.
 - (2) For a partnership or sole proprietorship - by a general partner or the proprietor, respectively.
 - (3) For a municipality, state, federal or other public agency - by either a principal executive officer or ranking elected official.

- b. All other reports required by this Monitoring and Reporting Program and other information requested by the Executive Officer shall be signed by a person designated in paragraph (a) of this provision, or by a duly authorized representative of that person. An individual is a duly authorized representative only if:
 - (1) The authorization is made in writing by a person described in paragraph (a) of this provision;
 - (2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity; and,
 - (3) The written authorization is submitted to the Executive Officer.

- c. Any person signing a document under this section shall make the following certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

2. The discharger shall submit reports required under this Monitoring and Reporting Program, or other information required by the Executive Officer, to:

Executive Officer
California Regional Water Quality Control board
San Diego Region
9771 Clairemont Mesa Boulevard, Suite B
San Diego, CA 92124-1331

C. EFFLUENT MONITORING

1. The effluent monitoring station is shown on the map in Appendix 1.
2. Monitoring shall be conducted and reports submitted according to "TABLE 1 - MONITORING SCHEDULE" below:

TABLE 1 - MONITORING SCHEDULE

PARAMETER	UNITS	SAMPLE/ ANALYSIS TYPE	SAMPLE/ ANALYSIS FREQUENCY	REPORTING FREQUENCY
acute toxicity	LC-10 or LC-50 ¹	grab	annual	annual
chronic toxicity	TUc ¹	grab	annual	annual
flow	gpd	NA	continuous	monthly
suspended solids	mg/L	grab	monthly	monthly
settleable solids	ml/L	grab	monthly	monthly
turbidity	NTU	grab	monthly	monthly
pH	units	grab	weekly	monthly
total ammonia	mg/L	grab	weekly	monthly
un-ionized ammonia	mg/L	grab	weekly	monthly

NOTE: NA = not applicable
mg/L = milligrams per liter
NTU = Nephelometric Turbidity Units
gpd = gallons per day

Footnotes -

¹See California Enclosed Bays and Estuaries Plan (93-5WQ) Appendix 1 for definition of terms.

D. REPORTING OF FACILITY OPERATIONS MODIFICATIONS

The discharger shall submit a revised permit application not less than 180 days prior to any of the following modifications to the facility from that described in the original application dated December 4, 1992 and supplemental information dated January 4, 1994:

1. addition of a new process resulting in a change in the character of the discharge;
2. significant change in disposal method (e.g., change in the method of treatment which would significantly alter the nature of the waste);
3. significant change in disposal area (e.g., moving the discharge to a disposal area significantly removed from the original area, potentially causing water quality or nuisance problems);
4. increase in flowrate of the discharge;
5. other circumstances which result in a material change in character, amount, or location of the waste discharge; or,
6. any planned physical alterations or additions to the facility.

E. REPORT SCHEDULE

Monitoring reports shall be submitted to the Regional Board Executive Officer in accordance with the following schedule:

REPORT TYPE	REPORT PERIOD(S)	REPORT DUE
MONTHLY EFFLUENT MONITORING	January, February, March, April, May, June, July, August, September, October, November, December	No later than 30 days after the last day of the reporting period
ANNUAL EFFLUENT MONITORING	January - December	No later than 30 days after the last day of the reporting period
REVISED PERMIT APPLICATION	Not applicable	No later than 180 days prior to proposed facility modification

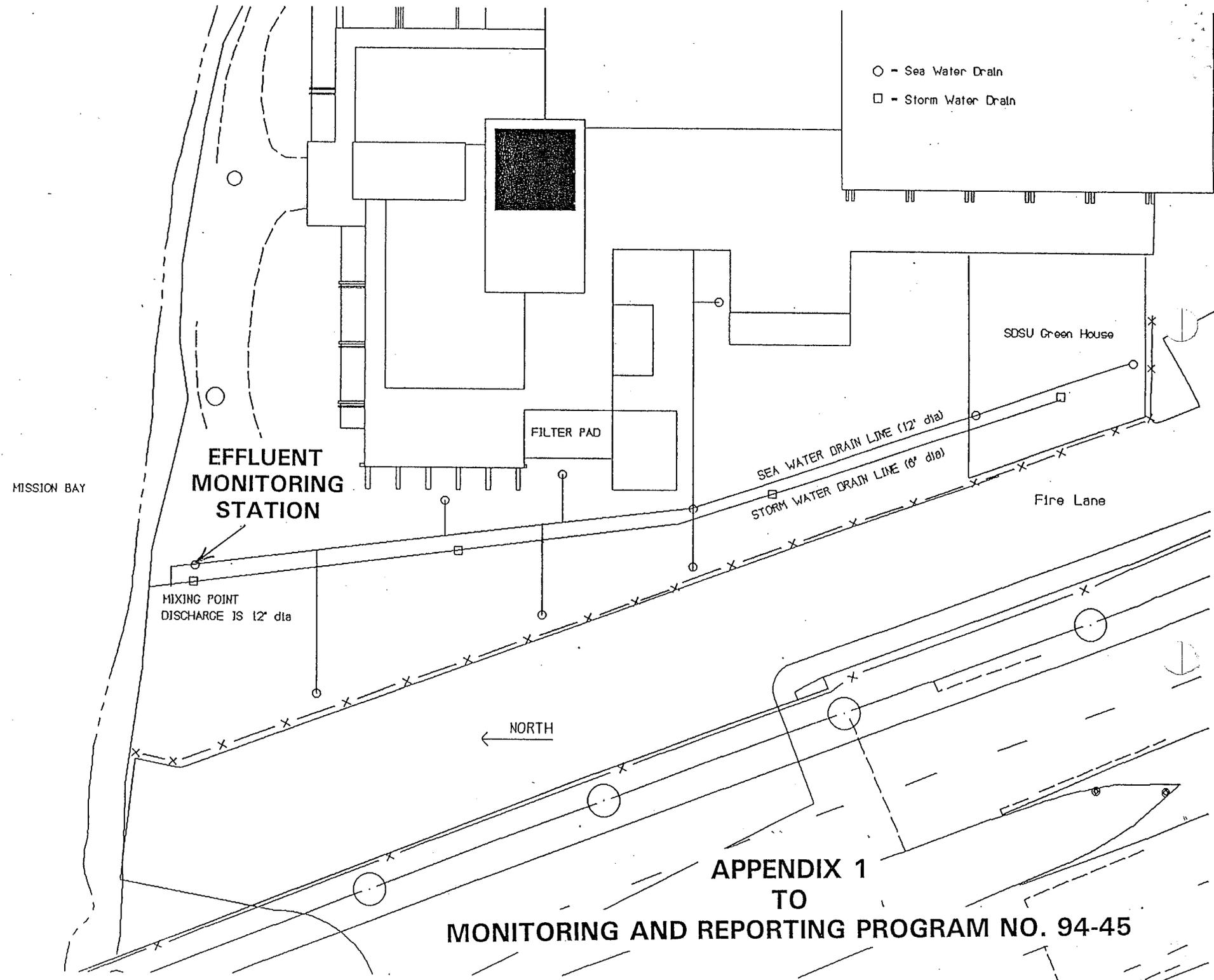
Ordered by:



Arthur L. Coe
Executive Officer

Date of Issuance: March 25, 1994

- - Sea Water Drain
- - Storm Water Drain



**APPENDIX 1
TO
MONITORING AND REPORTING PROGRAM NO. 94-45**