

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
LOS ANGELES REGION

MONITORING AND REPORTING PROGRAM NO. 6027

for

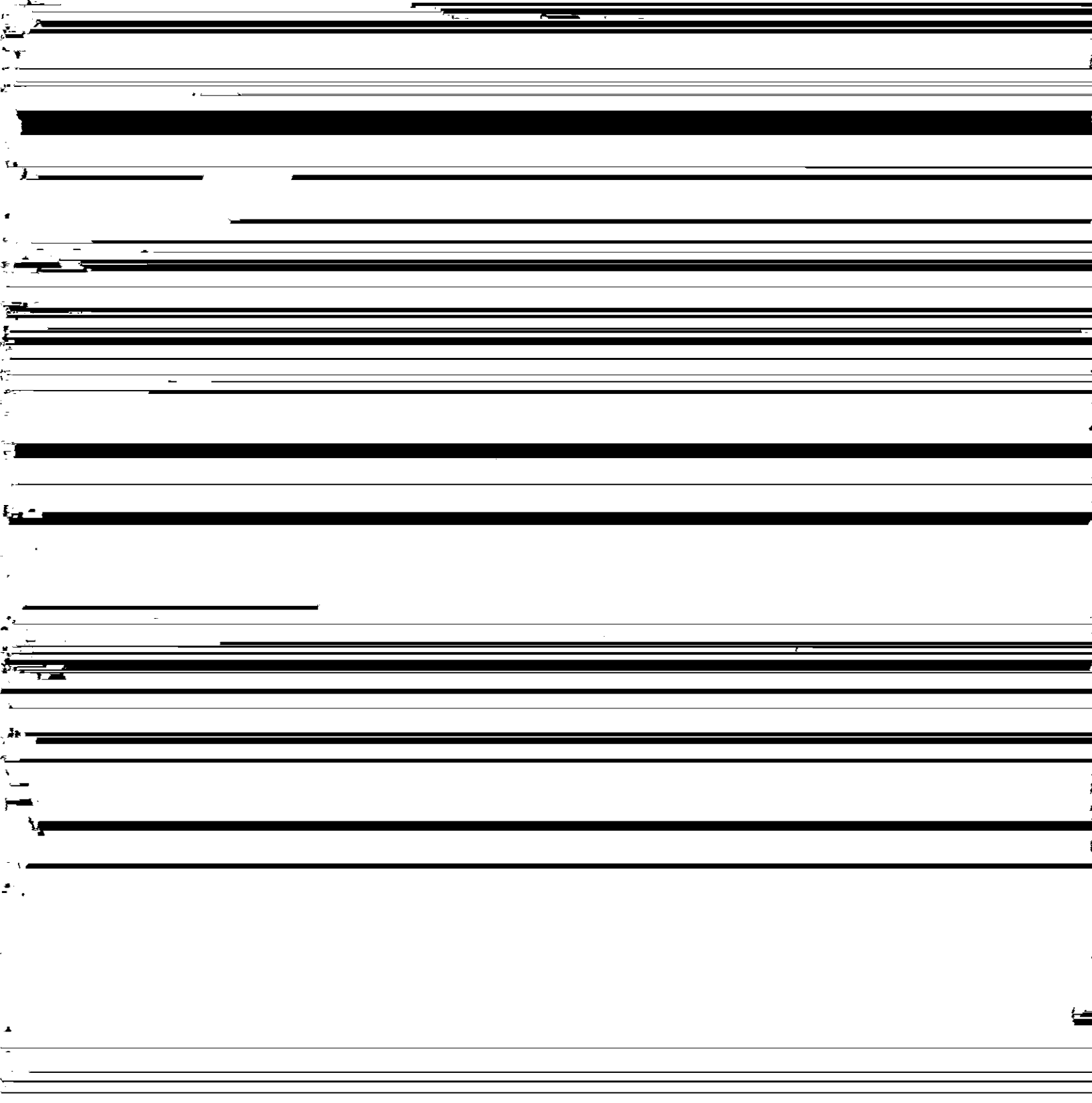
THE BOEING COMPANY  
SANTA SUSANA FIELD LABORATORY  
(CA0001309)

I. Reporting Requirements

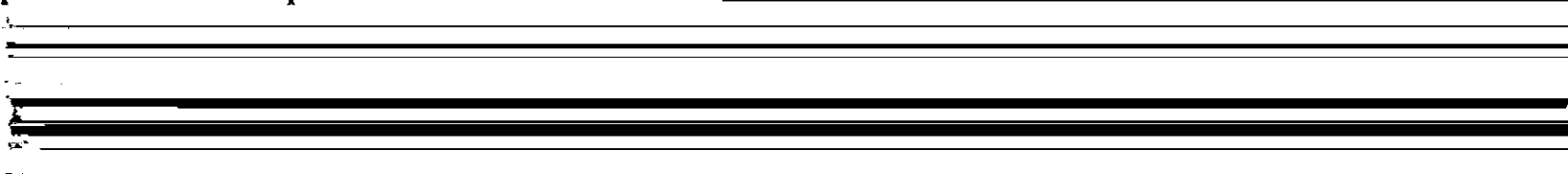
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[REDACTED]

- C. Each monitoring report shall contain a separate section titled "Summary of Non-Compliance" which discusses the compliance record and corrective actions taken or planned that may be needed to bring the discharge into full compliance with waste discharge requirements.



£ Pollutants...



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Sept 2

1. When the pollutant under consideration is not included in Attachment T-A;
2. When the Discharger and Regional Board agree to include in the permit a test method that is more sensitive than those specified in

- I. For parameters that both monthly average and daily maximum limits are specified and the monitoring frequency is less than four times a month, the following shall apply. If an analytical result is greater than the monthly average limit, the sampling frequency shall be increased (within one week of receiving the test results) to a minimum of once weekly at equal intervals, until at least four consecutive weekly samples have been obtained, and compliance with the monthly average limit has been demonstrated.

### III. Influent Monitoring Program

- A. Influent monitoring for the sewage treatment plants is required during treatment operations:
  - a. To determine the BOD<sub>5</sub> 20°C and suspended solids removal rates;
  - b. To assess treatment plant performance;
  - c. As a requirement of the Pollution Minimization Program.
1. Sampling stations shall be established at each point of inflow to the sewage treatment plant and shall be located upstream of any in-plant return flows and/or where representative samples of the influent can be obtained. The date and time of sampling shall be reported with the analytical results.
2. Samples for influent BOD<sub>5</sub> 20°C and suspended solids analysis shall be obtained on the same day that the effluent BOD<sub>5</sub> 20°C

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VC 1.501

A. The following shall constitute the effort

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Constituent	Units	Type of Sample	Minimum Frequency of Analysis <sup>1</sup>
Lead <sup>2</sup>			

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<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis<sup>1</sup></u>
Vanadium	µg/L	grab	annually
Radioactivity-			



B. The following shall constitute the storm water monitoring program for Outfalls 003, through 010.

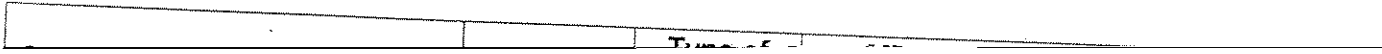
<u>Constituent</u>	<u>Units</u>	<u>Type of Sample</u>	<u>Minimum Frequency of Analysis<sup>1</sup></u>
Rainfall	inches	continuous	continuous
pH	pH Units	grab	

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2. The fathead minnow, *Pimephales promelas*, shall be used as the test species for...

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c. The presence of chronic toxicity shall be estimated at

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Toxicity of Effluents and Receiving Waters to Freshwater Organisms, Fourth Edition, October 2002(EPA/821-R-02-013). Then a report on this testing shall be submitted to the Board and the TRE will be considered to be completed. Routine testing in accordance with MRP No. 6027 shall be continued thereafter.

E. Steps in Toxicity Reduction Evaluation (TRE) and Toxicity Identification Evaluation (TIE)

1. Following a TRE trigger, the Discharger shall initiate a TRE in accordance with the facility's initial investigation TRE workplan. At a minimum, the Discharger shall...

- e. Step 5 evaluates in-plant treatment options; and,
- f. Step 6 consists of confirmation once a toxicity control method has been implemented.

Many recommended TRE elements parallel source control, pollution prevention, and storm water control program best management practices (BMPs). To prevent duplication of efforts, evidence of implementation of these control measures may be sufficient to comply with TRE



F. Reporting

1. The Discharger shall submit a full report of the toxicity test results, including any accelerated testing conducted during the month as required by this permit. Test results shall be \_\_\_\_\_

12. Mean percent mortality ( $\pm$ standard deviation) after 96 hours in 100% effluent (if applicable);
13. NOEC and LOEC values for reference toxicant test(s);
14. IC<sub>25</sub> value for reference toxicant test(s);
15. Any applicable control charts; and
16. Available water quality measurements for each test (e.g., pH, D.O., temperature, conductivity, hardness, salinity, etc.).

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a. Tidal stage time

- d. Appearance of oil films or grease, or floatable materials
- e. Extent of visible turbidity or color patches
- f. Direction of tidal flow
- g. Description of odor, if any, of the receiving water
- h. Presence and activity of California Least Tern and California Double-crested Cormorant

SWRCB Minimum Levels in ppb (ug/l)

The Minimum Levels (MLs) in this appendix are for use in reporting and compliance determination purposes in accordance with section 2.4 of the State Implementation Policy. These MLs were derived from data for priority pollutants provided by State certified analytical laboratories in 1997 and 1999. The MLs for priority pollutants are listed in the following table.

Table 2b - SEMI-VOLATILE  
SUBSTANCES\*

GC

GCMS

IC

COLOR

Table 2b - SEMI-VOLATILE  
SUBSTANCES\*

GC

GCMS

LC

COLOR

Table 2d DECEASED