MCDONNELL DOUGLAS

Douglas Aircraft Company

28 February 1995
C1-Q6C-SL-95-046

California Regional Water Quality Control Board
Los Angeles Region
101 Centre Plaza Drive
Monterey Park, CA. 91754

Attention: Technical Support Unit

Subject: SUBMITTAL OF ANNUAL REPORT FOR NPDES PERMIT NO. CA 0001414 - COMPLIANCE FILE NO. 5999 FOR 1994

Attachments:

1) Tabular and Graphical Summaries of the Monitoring Data Obtained During 1994 for Discharge Location 001

2) Annual Summary of the Quantities of Water Treatment Chemicals Discharged During 1994

3) Copies of Laboratory Analyses

Gentlemen:

Douglas Aircraft Company herewith submits the annual report in accordance with the General Monitoring and Reporting Provision number 5999. The report contains tabular and graphical summaries of the monitoring data obtained during 1994 and a summary of the quantities of water treatment chemicals discharged during 1994. Copies of laboratory analyses are also attached.

All analyses were conducted by Truesdail Laboratories of Tustin, California, in accordance with the current EPA guideline procedures or as specified in the Monitoring Program.

Exceedances of oil and grease during various sampling events at the Permit Location have been attributed to the fact that this location receives little or no flow throughout the year, causing a buildup of these materials within the sampling location. Truesdail Laboratories has been instructed by Douglas Aircraft Company not to sample the location when no flow occurs.

"I declare under penalty of perjury that the foregoing is true and correct", executed on the 28th day of February, 1995.

Sincerely,

Scott Lattimore

Scott Lattimore
Environmental Engineer
Safety, Health, and Environmental Affairs

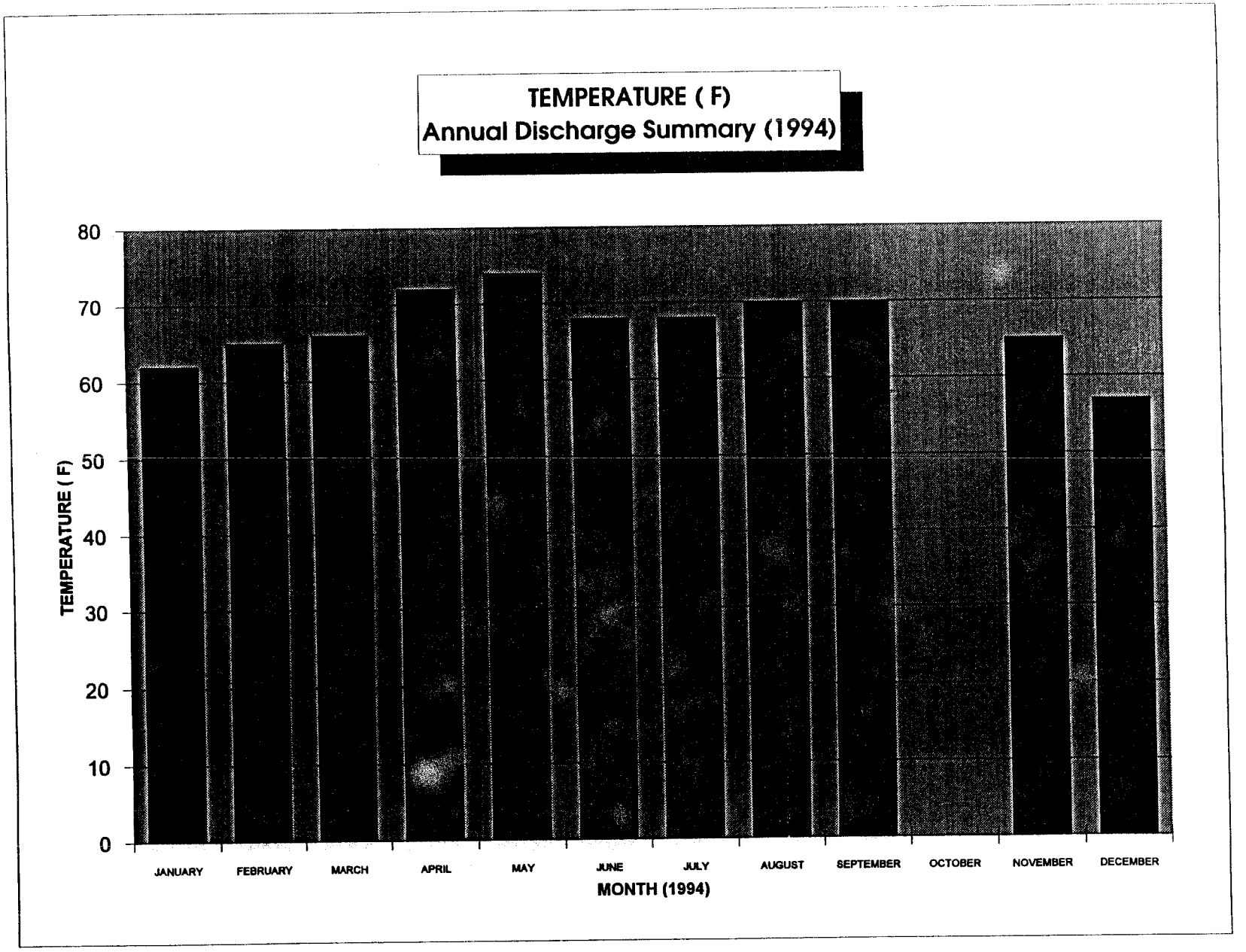
3855 Lakewood Blvd., Long Beach, CA 90846-0001 (213) 593-5511 TELEX 67-4357

ANNUAL DISCHARGE SUMMARY NPDES #001* (1994)
DOUGLAS AIRCRAFT COMPANY TORRANCE, CA. FACILITY
NPDES CA0001414

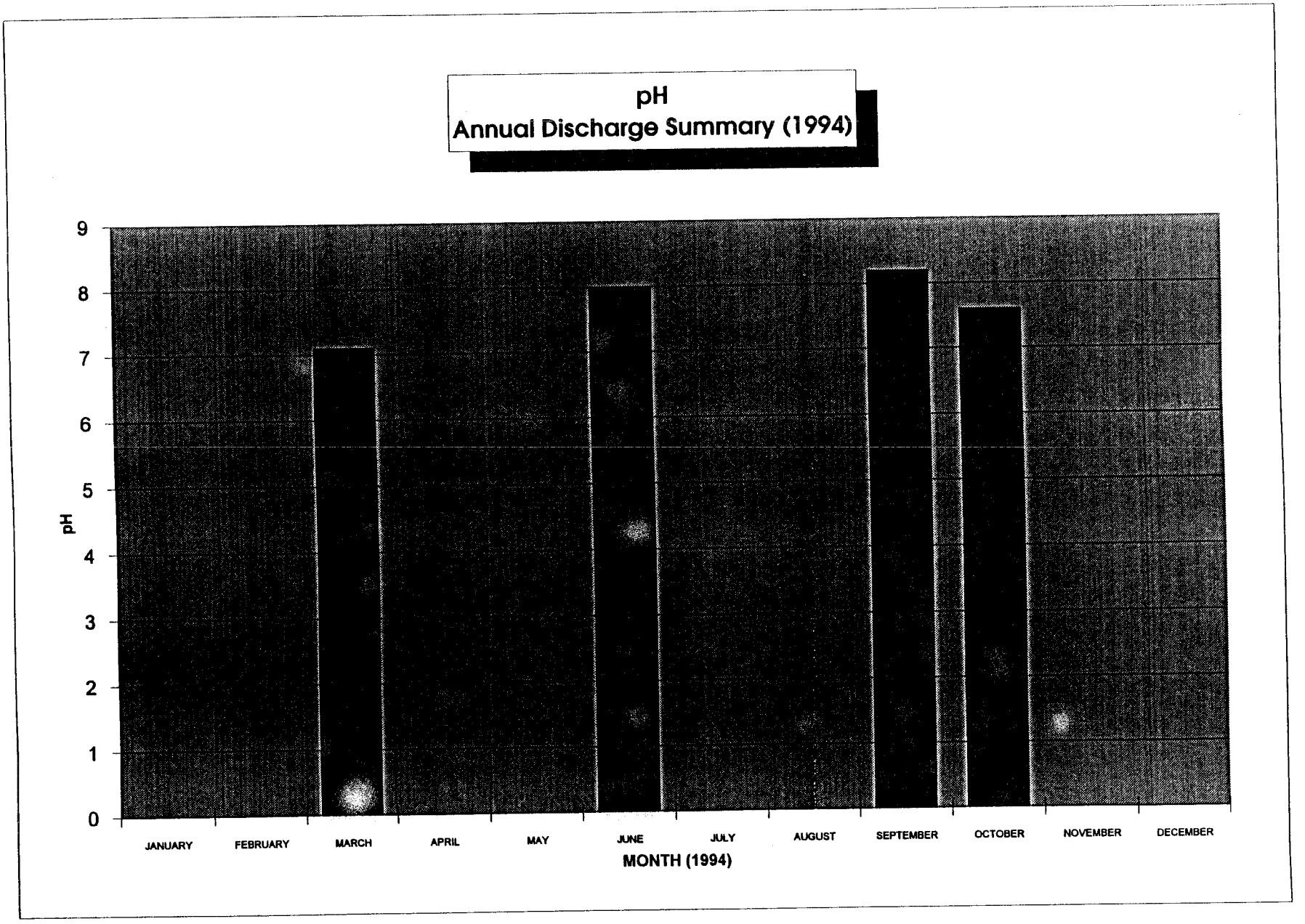
CONSTITUENTS	JANUARY 1/31/94	FEBRUARY 2/25/94	MARCH 3/22/94	APRIL 4/15/94	MAY 5/26/94	JUNE 7/7/94	JULY 7/8/94	AUGUST 8/22/94	SEPTEMBER 9/13/94	OCTOBER 10/10/94	NOVEMBER 10/31/94	DECEMBER 12/1/94
TEMPERATURE (F)	62	65	66	72	74	68	68	70	70		65	57
pH			7.1			8			8.2	7.6		
BOD5 @ 20 C (mg/l)			ND			ND			23	4.7		
SETTLEABLE SOLIDS (ml/l/hr)			ND			ND			ND	ND		
OIL & GREASE (mg/l)			ND			11.4			21.7	17		
TOTAL SUSPENDED SOLIDS (mg/l)			ND			10			11	49		
CHROMIUM			ND			ND			ND	ND		
96 HOUR BIOASSAY (% survival)												100

* NO FLOW WAS MEASURED AT THIS LOCATION DURING ANY SAMPLING DATE

BOE-C6-0140932



BOE-C6-0140933



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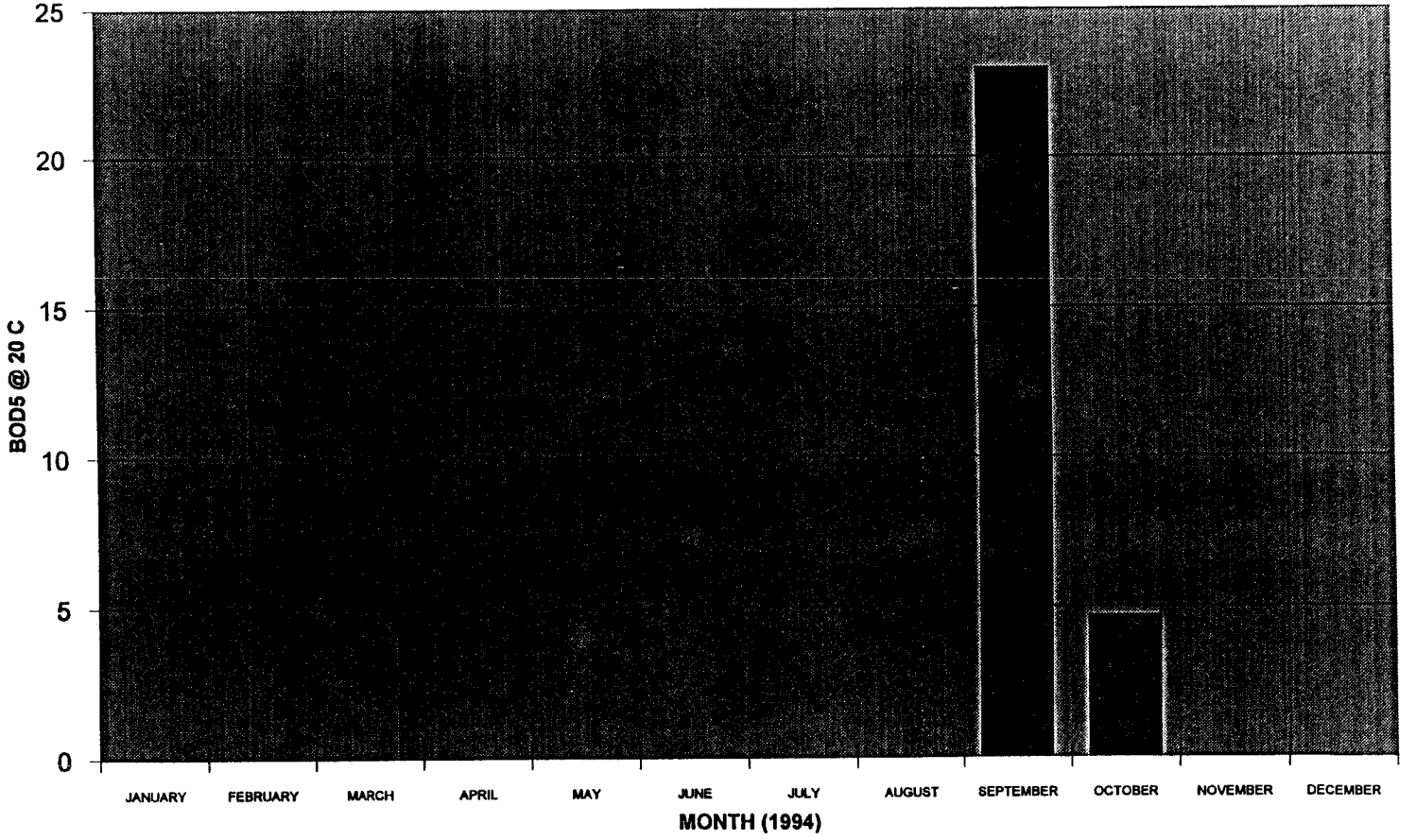
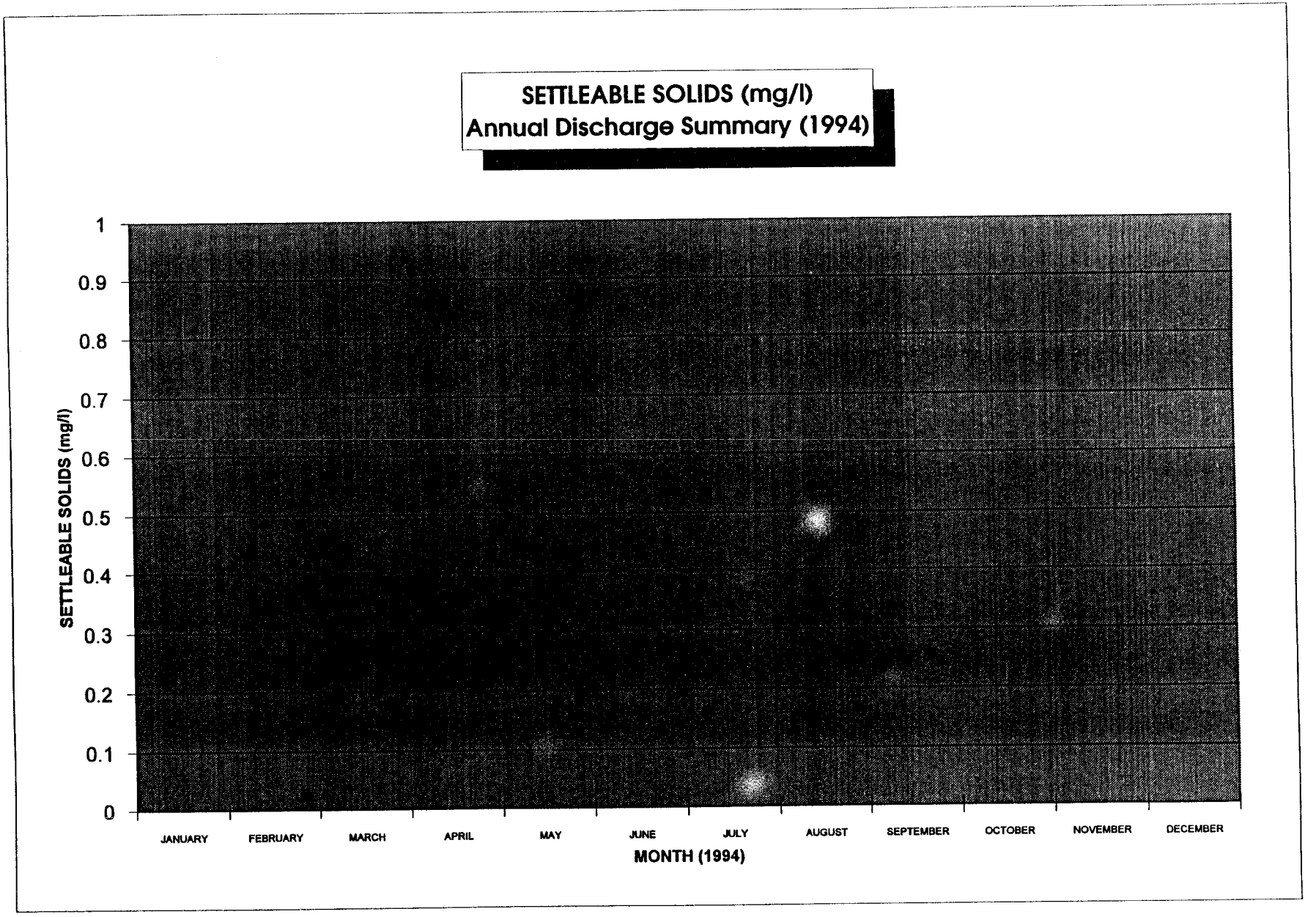
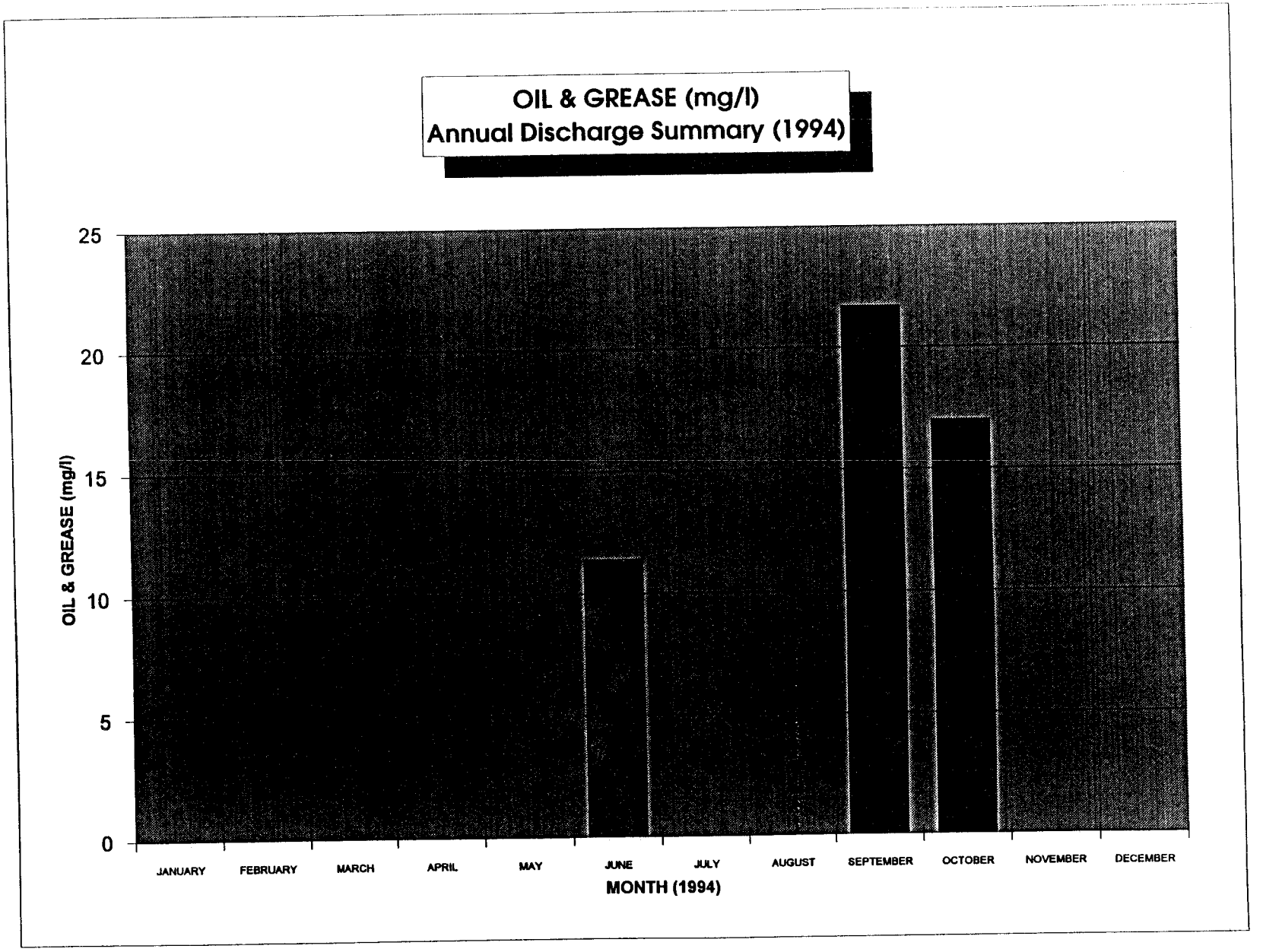

BOD5 @ 20 C
Annual Discharge Summary (1994)
25
20
15
10
5
0
BOD5 @ 20 C
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
MONTH (1994)


SETTLEABLE SOLIDS (mg/l)
Annual Discharge Summary (1994)
SETTLEABLE SOLIDS (mg/l)
1
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
MONTH (1994)



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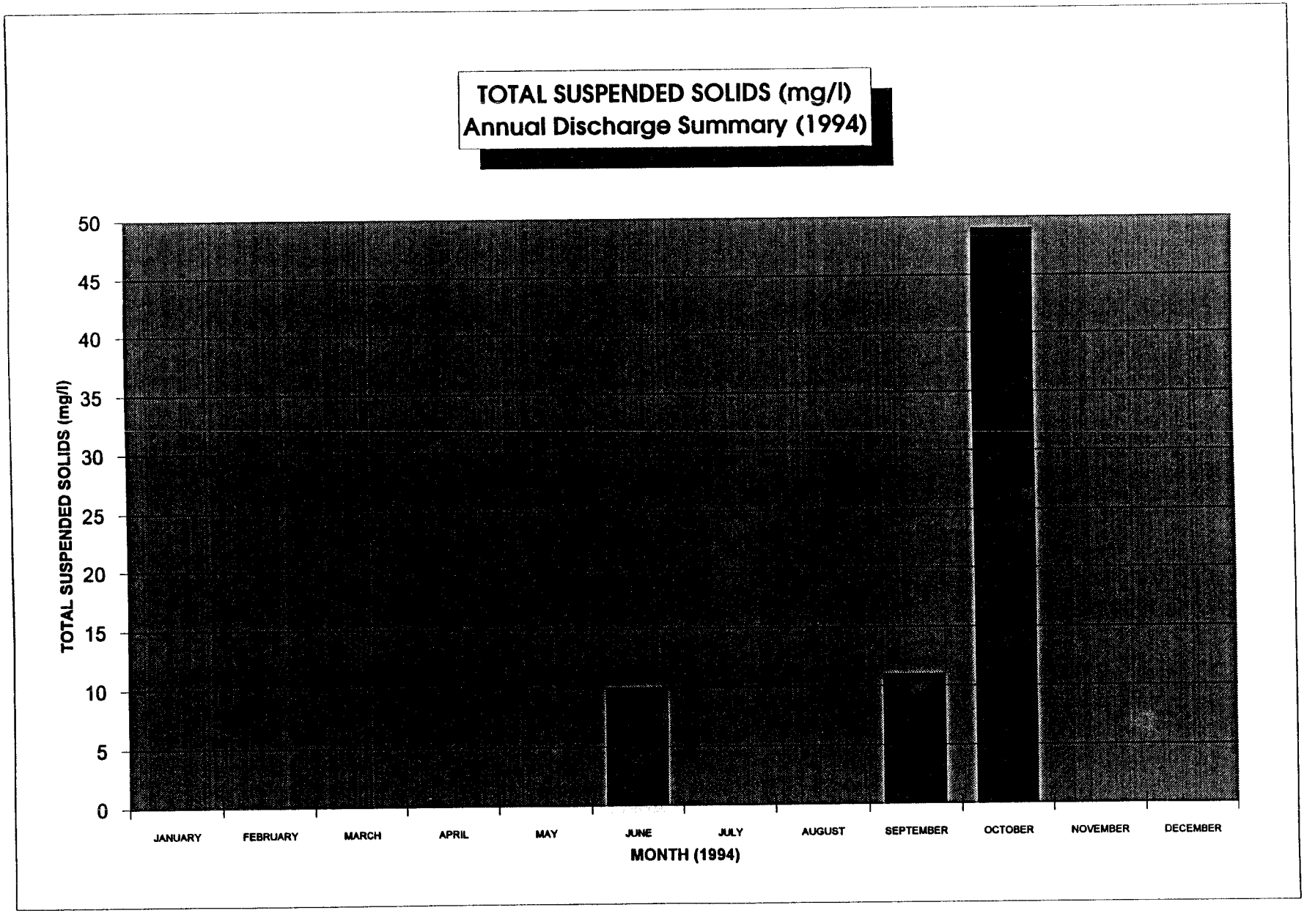
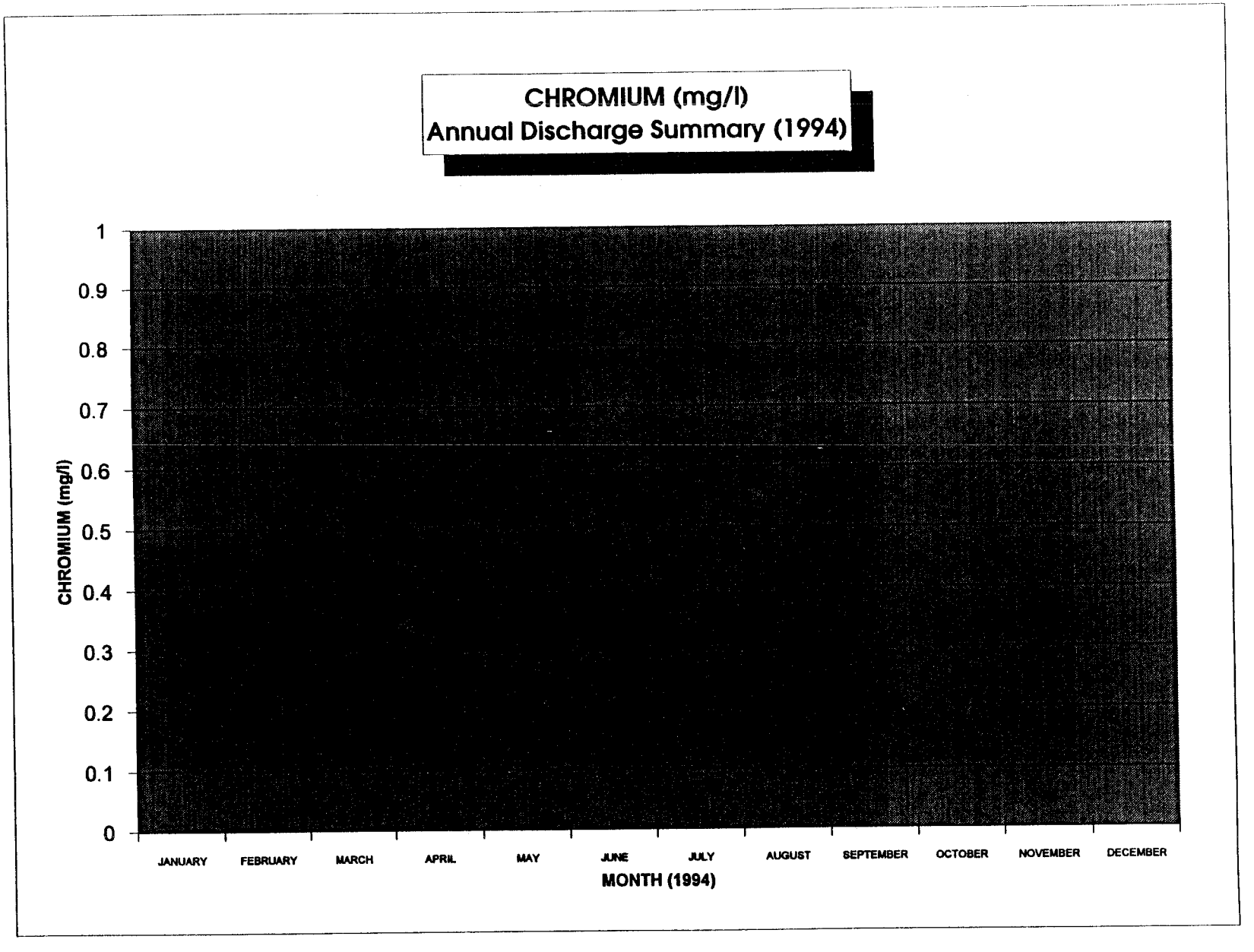

TOTAL SUSPENDED SOLIDS (mg/l)
Annual Discharge Summary (1994)
TOTAL SUSPENDED SOLIDS (mg/l)
50
45
40
35
30
25
20
15
10
5
0
JANUARY
FEBRUARY
MARCH
APRIL
MAY
JUNE
JULY
AUGUST
SEPTEMBER
OCTOBER
NOVEMBER
DECEMBER
MONTH (1994)



BOE-C6-0140939

McDONNELL DOUGLAS CORPORATION
Douglas Aircraft Company
Cooling Tower Product Usage
January 1, 1994 - December 31, 1994
Plant C-6, Torrance

Product	Description	Gallons	Pounds
2818	Microbiocide Stabilized Liquid Chlorine	50	540
2827	Scale/Corrosion Organophosphonate	75	705