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ABERDEEN CHEMICAL PLANT
ROUTINE CHEMICAL DOSIMETRY SUMMARY

MONTH OF: June, 1982

DATE OF REPORT: July 1, 1982

c: JF, CRM, PEM, PJK, RDJ, WFH, SJV, RAF, RAM, AHS
T. G. Grumbles - Houston, L. A. Legendre- Ponca City

ALL SAMPLE RESULTS:

<u>Chemical</u>	<u>< PEL</u>		<u>≥ PEL OVEREXPOSURES</u>	
	<u>No.</u>	<u>%</u>	<u>No.</u>	<u>%</u>
VCM	82	83.7	16	16.3
Lead	29	96.7	1	3.3
Antimony	29	100	0	0
Total Particulates	4	100	0	0

OVEREXPOSURES:

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Color Weigh Compounder	73.1* Micrograms Lead/M ³	Employee did normal job of color weigh-up, including Halbase 100EP.
General Mechanic	1.1 ppm, VCM	Employee helped drill 743 reactor condenser.
General Mechanic	1.2 ppm, VCM	Employee exposed during the D-700 reactor release of 6/7/82. He was working downwind of the release, near D-745 reactor.
Chief Operator	1.3 ppm, VCM	Employee cleaned the blowdown tank strainer in the new unit.
General Mechanic	1.5 ppm, VCM	Employee exposed while pulling and inspecting 705 emission recovery compressor for pluggage and wear.
Reactor Operator	1.6 ppm, VCM	Employee exposed while recovering the old unit, east VCM charge pump in preparation for main- tenance.
General Mechanic	1.7* ppm, VCM	Employee pulled and cleaned the west VCM charge pump strainer in the old unit.

OVEREXPOSURES (Continued)

<u>Job Class</u>	<u>Exposure</u>	<u>Source</u>
Reactor Operator	2.2* ppm, VCM	Employee flushed out the new unit recovery system.
Vinyl Shift Supervisor	2.3 ppm, VCM	Employee exposed during the 6/7/82, D-700 release noted above. He was in the new unit area when the release was detected.
Reactor Operator	3.7 ppm, VCM	Employee worked near two maintenance jobs in the old unit: 1. Changeout of the east VCM charge pump strainer. 2. Changeout of the east vacuum pump.
Vinyl Operations Supt.	3.9* ppm, VCM	Employee performed a visual inspection of the old unit VCM charge header.
Reactor Operator	5.3 ppm, VCM	Employee worked in the old unit, downwind of maintenance work on the blowdown tank transfer pump in the new unit. He reports having smelled VCM coming from that direction.
Chief Operator	6.8 ppm, VCM	Employee exposed during the 6/7/82, D-700 release noted above. He was working in the new unit when the release was detected.
Dryer Operator	9.0 ppm, VCM	Employee hooked up flex lines at the VCM rail silos.
General Mechanic	9.3* ppm, VCM	Employee changed the seals on 705 and 706 emission recovery compressors.
Reactor Operator	9.5* ppm, VCM	Employee changed filters in the old unit filter packs.
Reactor Operator	14.2 ppm, VCM	Employee made up "PVA" in the old unit.

Jerald Uptain

* Respiratory Protection Worn.

ABERDEEN CHEMICAL PLANT

CHEMICAL DOSIMETRY TRENDS

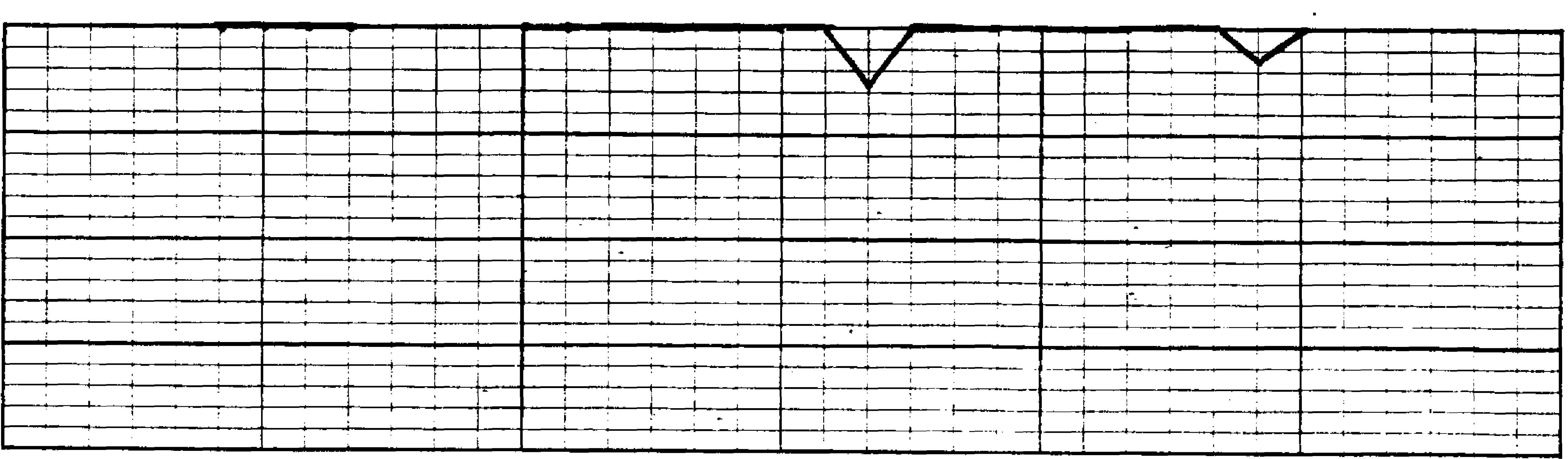
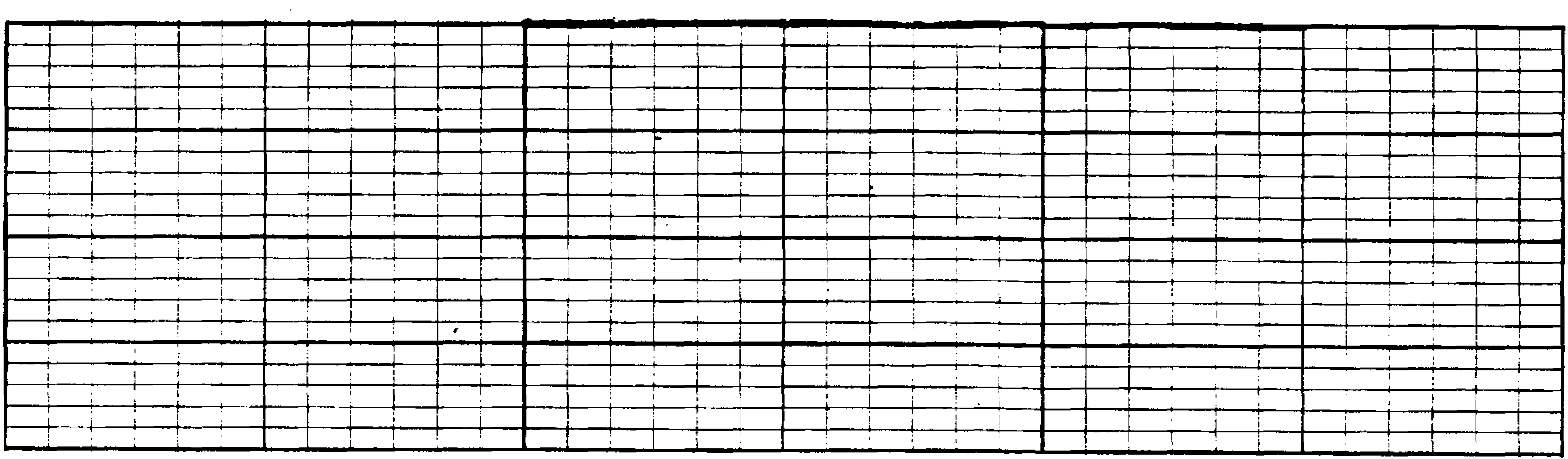
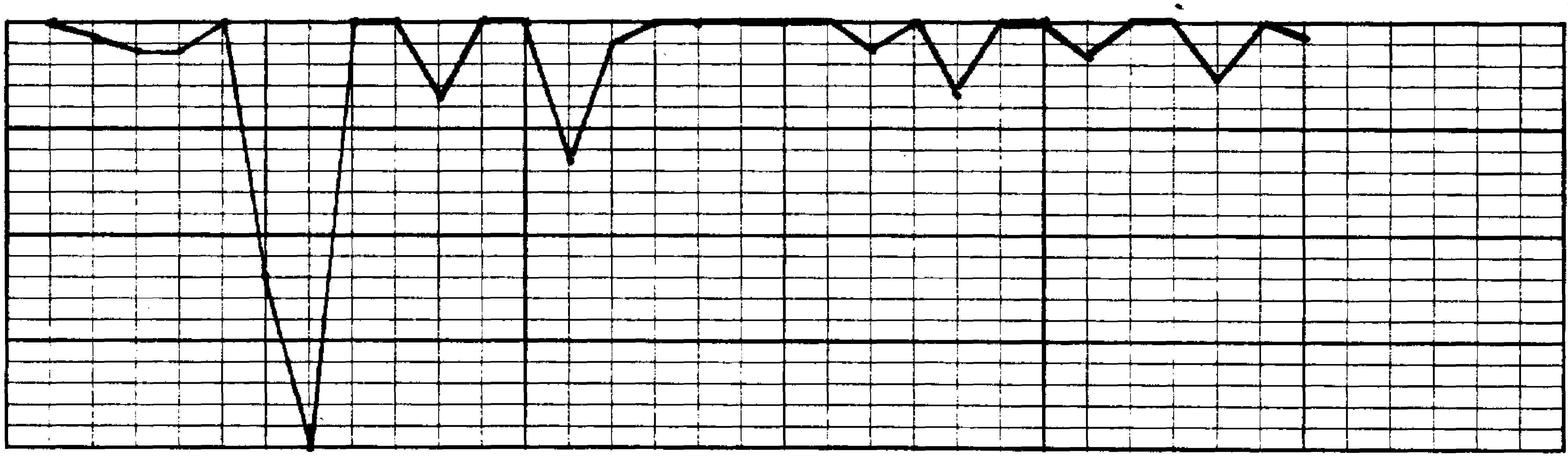
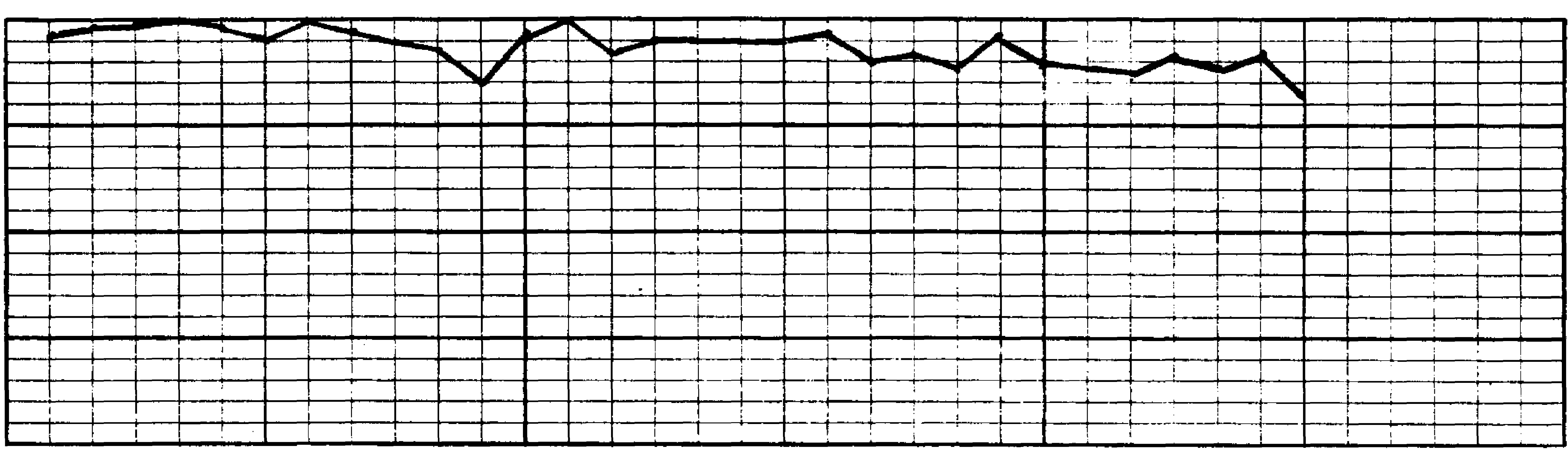
% <
PEL

VCM

Lead

Antimony

Total
Particulates



Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
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