



AMERICAN PETROLEUM INSTITUTE

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NEW YORK 20, N. Y.

DIVISION OF SCIENCE AND TECHNOLOGY

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THE STANDARD OIL COMPANY (OHIO)
CLEVELAND, OHIO

September 27, 1963

Subject: Human Data on Lead
Exposure

Tu-164-63

Robert Kehoe, M. D.
Kettering Laboratory
Cincinnati, Ohio

Dear Dr. Kehoe:

Attached you will find a copy of a letter recently received in our office requesting statistical data on human exposure to lead.

In view of the untimely death of Dr. Frank Princi, I thought that you might be able to supply the requested information.

Thanking you for your effort, I remain,

Very truly yours,

A. J. Turchetti, M. D.

AJT:sg
Attachment

cc: R. E. Eckardt, M. D.

KE 0307518

N 7932

HEADQUARTERS
UNITED STATES ARMY PETROLEUM SUBDEPOT, TSURUMI
APO 503

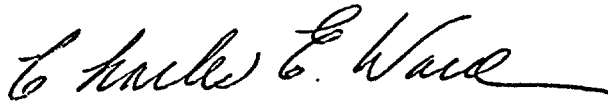
17 September 1963

American Petroleum Institute
1271 Avenue of the Americas
New York, 20, New York

Dear Sirs:

I am writing for some information. We have a tank cleaning crew that cleans our tanks periodically. These are underground tanks (Depth 100 ft. Diameter 125 ft.) and have contained leaded products at one time. We have been running tests on the tank cleaning crew to check their exposure to lead (see enclosed charts). However nobody here in Japan has any statistitcal data with which to compare our figures. I would appreciate any information you have on this matter. All tank cleaners wear protective clothing and equipment while in the tanks. If by chance you do not have any specific information maybe you could put us on to some organization or person that does.

Sincerely,



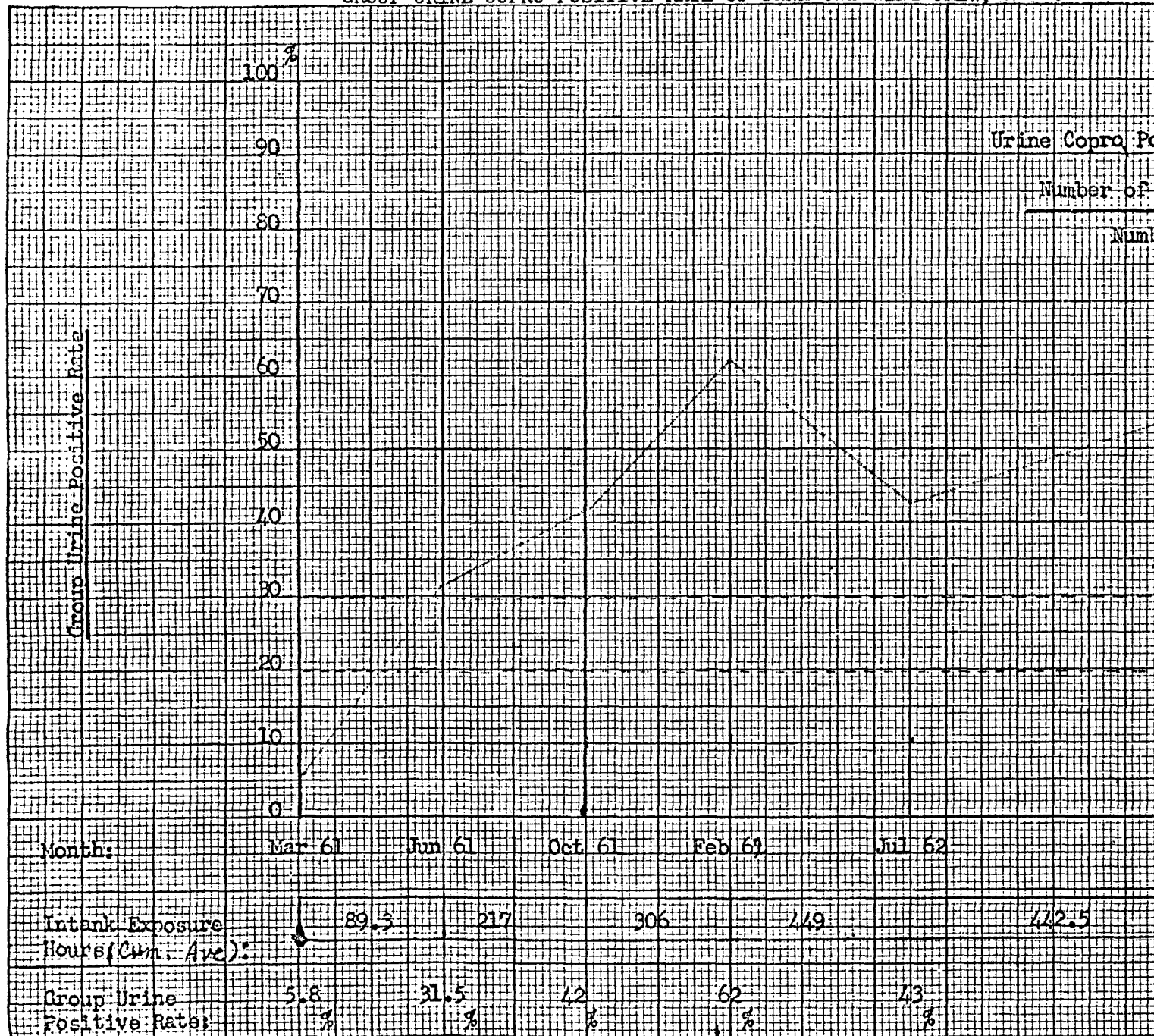
CHARLES E. WARD
Major, QMC
Operations Officer

2 Incl
as

N 7932.01

KE 0007519

GROUP URINE COPRO POSITIVE RATE OF TANK CLEANING CREW, PSDT.



Tank Cleaning Crew
Urine Copro Count Over /
Mar 61 thru Mar 63

23 Apr 63

	Mar-Jun 61 0-200 hrs		Jul-Oct 61 200-400 hrs		Nov 61-Feb 62 400-600 hrs		Mar-Jul 62 600-800 hrs		Aug 62-Mar 63 800-1000 hrs		Grand Total	
	hrs	%	hrs	%	hrs	%	hrs	%	hrs	%	hrs	%
1. [REDACTED]	145	2/8 75	277	9/11 82	427	7/9 78	584	7/11 63	606	9/15 60	606	63
2. [REDACTED]	13	1/7 14	92	1/11 9	142	8/10 80	249	6/11 55	312	8/14 57	312	45
3. [REDACTED]	99	5/9 55	279	5/11 45	348	11/11 100	484	7/13 53	529	13/15 87	529	69
4. [REDACTED]	1	3/8 39	80	1/11 9	86	5/10 50	135	5/14 36	150	10/15 33	150	41
*5. [REDACTED]	99	4/6 66	179	6/8 75	245	3/6 50	387	7/13 53	474	9/13 69	474	63
6. [REDACTED]	198	3/8 38	417	4/12 33	560	5/11 45	741	5/13 38	941	7/14 50	941	41
7. [REDACTED]	205	2/8 25	392	6/12 50	526	6/11 55	709	1/11 9	749	7/14 50	749	39
*8. [REDACTED]	165	4/10 40	352	2/12 17	480	2/10 20	676	1/14 7	759	1/10 10	759	18
9. [REDACTED]	64	1/8 13	166	7/12 58	296	5/11 45	427	1/13 8	607	8/15 53	607	37
10. [REDACTED]	38	3/8 37	120	5/11 45	120	7/11 63	161	8/14 57	167	7/14 50	167	60
*11. [REDACTED]	46	3/8 39	142	10/12 83	230	10/10 100	392	9/11 82	392	3/3 100	392	79
12. [REDACTED]	32	3/9 33	92	1/10 10	169	1/10 10	279	3/13 23	476	4/11 36	476	23
13. [REDACTED]	72	1/8 13	161	1/12 8	247	4/11 36	413	6/14 43	587	7/13 54	587	33
14. [REDACTED]	59	3/9 33	244	3/12 25	427	9/11 82	620	8/12 66	659	11/15 73	659	58
15. [REDACTED]	148	5/10 50	270	8/11 73	325	11/11 100	433	6/13 46	466	8/15 53	466	63
16. [REDACTED]	86	4/9 44	208	6/11 55	288	9/11 82	497	6/12 50	650	7/15 47	650	55
✓17. [REDACTED]	-	-	-	-	-	-	-	-	151	15/15 100	151	100
✓18. [REDACTED]	-	-	-	-	-	-	-	-	198	13/14 93	198	93
19. [REDACTED]	-	-	-	-	-	-	-	-	175	4/15 26	175	26
20. [REDACTED]	-	-	-	-	-	-	-	-	298	4/15 26	298	26
21. [REDACTED]	-	-	-	-	-	-	-	-	247	10/15 33	247	33
Average:	89.3	31.5	217	42	306	62	449	43	442.5	55 (46% by 17 men)	442.5	50.7

* Resigned.

KE 0007522

N 7932.03