

APPENDIX D
CHEMICAL AGENT RESULTS
FROM DUGWAY

STEDP-WD-C (70-1Y)

October 27, 1994.

MEMORANDUM THRU STEDP-WD-C ^{W95}
STEDP-WD-C-A _M

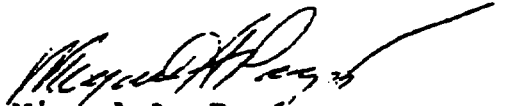
FOR: Chem. Insp. Branch
Ammunition Surveillance Branch
SAIL-PMT-SL(A), Analytical Branch
TAD

SUBJECT: ~~RESULTS of Bubbler sampling analysis~~ !

1. Bubbler samples were Received on Oct. 26, 1994 by Chemical Lab Division, DPG (03 Samples & 3 Controls Spiked with 38.10 ng/ml of L).
2. Number of samples received: 6
3. Source of samples: TEAD BLDGs. 1850, 1636 and 1613.
4. Analysis completed : October 27, 1994.

Sample ID.	Analysis Result
1850-A1-1	Less than lower limit of detection.
1850-A1-2	Less than lower limit of detection.
1636-Vnt	Less than lower limit of detection.
1613-Vnt	Less than lower limit of detection.
1636-Spike	38.5 ng/ml
1850-Spike	40.2 ng/ml
1613-Spike	39.2 ng/ml

The lower limit of detection is 5.1 ng/ml (0.0004 mg/m3). The permissible exposure level (AEL) for Lewisite is 0.003 mg/m3.


Miguel A. Pagan
WD-C-A, Analytical Branch
Analyst

CF:
WD-C
WD-C-A

531-5137

SECTION A - REQUEST FOR TEST

1. TO: (Include ZIP Code)
 C, Safety Office
 C, Chemical Inspection Branch,
~~Ammunition Surveillance Division~~
AMMO SURVL AND INVENTORY DIVISION

2. FROM: (Include ZIP Code)
~~SAIL PMT SL(A)~~
Analytical Branch

3. PRIME CONTRACTOR AND ADDRESS (Include ZIP Code)
 CONTRACT NUMBER

4. MANUFACTURING PLANT NAME AND ADDRESS (Include ZIP Code)
 P. O. NUMBER

5. END ITEM AND/OR PROJECT
MONITOR SOIL SAMPLES - STAP

6. SAMPLE NUMBER
4299-1

7. LOT NO.

8. REASON FOR SUBMITTAL
L Analysis

9. DATE SUBMITTED
26 OCT 94

10. MATERIAL TO BE TESTED
BUBBLERS

10a. QUANTITY SUBMITTED
3

11. QUANTITY REPRESENTED
3

12. SPEC. & AMEND AND/OR DRAWING NO. & REV. FOR SAMPLE & DATE

13. PURCHASED FROM OR SOURCE

14. SHIPMENT METHOD

15. DATE SAMPLED AND SUBMITTED BY
26 October 94 [Signature]
FTC, Chem Insp Br, Ammo Survl Div
AND INV DIV

16. REMARKS AND/OR SPECIAL INSTRUCTIONS AND/OR WAIVERS.

STORAGE SITE	LOCATION/SAMPLE NO.	SAMPLING TIME	FLOW RATE	SURVEILLANCE CREW
1850	AIR LOCK/SOIL SAMPLE #1	0837-1037	1 LPM	THOUGHTBY
"	" BAG #2	"	"	"
"	" SPIKE #26	"	"	"

~~Any reading confirmed by GC must be reported telephonically to undersigned.~~

17. SEND REPORT OF TEST TO
 C, Chemical Inspection Branch, Ammunition Surveillance Division AND INVENTORY DIVISION
 Bldg S4108, Phone 4227/283.

SECTION B - RESULTS OF TEST (Continue on plain white paper if more space is required)

1. DATE SAMPLE RECEIVED
26 OCT 94

2. DATE RESULTS REPORTED

3. LAB REPORT NUMBER
L-4299-1

TEST PERFORMED	RESULTS OF TEST	SAMPLE RESULT	REQUIREMENTS
GC Analysis:	1850 AL-1:	Less than haxon std. 5.11 ng/ml	Less than AEL (0.00)
	1950 AL-2:	Less than haxon std. 5.11 ng/ml	Less than AEL (0.00)
	1850 SPIKE:	40.24 ng/ml	(Spiked with 30.10 ng/ml)

REMARKS:

PERFORMED BY: **[Signature]**
 REVIEWED BY: **[Signature]**

DATE

TYPED NAME AND TITLE OF PERSON CONDUCTING TEST
C, Analytical Branch

SIGNATURE