

UNCLASSIFIED

Organization Edgewood Proving Ground  
Station Army Chemical Center, Md.  
Period of Report 1 September to 30 September 1951  
Date of Submission 5 October 1951

CMLEP 314.7

SUBJECT: Historical Report

THRU: Post Historian  
Army Chemical Center, Md.

TO: Chief Chemical Officer  
Department of the Army  
Washington 25, D. C.

1. Strength of organization as of last day of month:

Military <u>49</u>	Officer <u>14</u>	Warrant <u>0</u>	EM <u>35*</u>
Civilian <u>45</u>	Graded <u>13</u>	Ungraded <u>32</u>	

\*Includes Scientific and Professional enlisted men.

2. Commanding Officer: Lt Col John W. Fitzpatrick.

3. There were no major changes in policy affecting the operation of this activity during the period covered by this report.

4. Major operations conducted:

a. The final report on Test 14, "Arctic Tests at Fort Churchill, Winter 1950-1951," was distributed.

b. Work of installing metal tanks to replace wooden tanks on four M3A2 decontaminating apparatus was completed. This work was done by verbal order under Test 17, "Field Test of Bleaching Material (Mathieson)." Testing of the metal tanks lined with asphalt and with rubber will be done under Test 41, "Comparative Evaluation of Wooden, Metal, and Rubber-Lined Tanks for the Apparatus, Decontaminating, Power-Driven, Truck-Mounted, M3A2."

c. A gas chamber test was run on the E1OR9 impermeable hood for Test 18, "Hood, Protective, Impermeable, E1OR9," Six men wearing protective clothing with the experimental hood were exposed to HD vapors on six different days. Total exposure for each hood was 15,000 mg. min/m<sup>2</sup>. No defects were found in the hood in this phase of the test.

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DOWNGRADED AT 3 YEAR INTERVALS  
DECLASSIFIED AFTER 12 YEARS.  
DOD DIR 5200.10

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*Ind #5*

C-511.281-3 (Sep 51)

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d. The test team returned from Yuma Test Station, Yuma, Arizona. All equipment used in Tests 25, 26, and 27 has been returned.

e. Laboratory work on Test 34, "Comparative Evaluation of Wood and Coal Base Charcoals for the M11 Canister," continued. Results indicate that no serious deterioration of either type charcoal is caused by rough handling, transportation, or carrying by troops.

f. In cooperation with representatives of Camp Detrick, the effectiveness of the Quartermaster mobile laundry in removing bacterial organisms from impregnated clothing was investigated. This work was done under Test 36, "BW Contamination, Decontamination Field Test."

g. The following tests were cancelled:

Test 21, "Comparative Evaluation of Massive and Cluster Bombs, Charged HD."

Test 30, "Field Expedient for Air Burst of WP Grenades."

Test 39, "Test of Trailer, Cargo, 3/4 Ton, XM101."

FOR THE COMMANDING OFFICER:

1 Incl  
Copy Mo Rpt of Activities,  
4 Oct 1951

*Allen L. Brewer*  
ALLEN L. BREWER  
Maj, CMLC  
Executive Officer

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