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Organization Edgewood Proving Ground
 Station Army Chemical Center, Md.
 Period of Report 1 July to 31 July 1951
 Date of Submission 7 August 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>53</u>	Officer	<u>15</u>	Warrant	<u>0</u>	<u>0</u>	EM	<u>38*</u>
Civilian	<u>44</u>	Graded	<u>12</u>	Ungraded	<u>32</u>			

*Includes Scientific and Professional enlisted men.

2. Commanding Officer: Col Emory A. Lewis.

3. There were no major changes of policy affecting the operation of this activity during the period covered by this report. An organizational chart for Operations Division was prepared and approved. (Inclosure 1).

4. Major operations conducted.

a. The report on Edgewood Proving Ground Test 17, Section I, "Field Test of Bleaching Material (Mathieson)," was transmitted to higher authority for review.

b. Field work on Test 18, "Hood, Protective, Impermeable, E1OR9," was nearly completed, including wearing tests at minus 25 degrees and minus 65 degrees Fahrenheit carried out in the cold room at Aberdeen Proving Ground.

c. Test 23, "Service Test of M9 Gas Mask Carriers," was amended to include service test of waterproofing bags to protect the mask from immersion in water. Immersion tests were conducted underwater and were partially successful.

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d. Desert tests being conducted at Yuma Test Station made good progress with daytime temperatures over 100 degrees Fahrenheit. One half of the entire test program being carried on under Tests 25, 26, and 27 was completed during the month.

e. Preliminary investigations were made on Test 31, "Dissemination of CN by Smoke Generators." This test is to establish procedures for using CN in fog oil disseminated by a smoke generator for troop training. Difficulty is being experienced in obtaining an area free of personnel in which to determine extent of lacrimatory effect.

f. Work on Test 32, "Test of E16 Kit, Chemical Agent Detector," was suspended most of the month due to the absence of the test engineer in charge. A conference of Edgewood Proving Ground representatives with representatives of CmlC Res and Eng Div, CmlC Cml and Rad Labs, and Chemical Corps Board decided that the test would be repeated in part, using new instructions to be drafted by CmlC Cml and Rad Labs.

g. Test 34, "Comparative Evaluation of Wood and Coal Base Charcoals for the M11 Canister," was conducted during the month and is 75 percent complete. This test is to correlate the tumbling test used by Inspection Division with rough handling due to handling and shipping and deterioration caused by troops carrying the mask in the regular carrier.

h. Test 35, "Comparative Evaluation Test of Aresklene 400 and Santomerse 80 for the Chemical Set, Clothing Impregnation, M3," was practically completed. This test is to investigate the efficiency of a new wetting agent in the field impregnation of clothing.

FOR THE COMMANDING OFFICER:

2 Incls

1. Opns Div Organizational Chart
2. Copy Mo Rpt of Activities

3 Aug 1951 *not attached*

Allen L. Brewer
ALLEN L. BREWER
Maj, CmlC
Executive Officer

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