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Division/Department/Group: EHS

Series Title: Jansen Youngs Group Leader's Admin Subject Files

Box Number: 2/4

Folder Title: Redwing 1956 Air Samples

402542

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Bldg. 4, Rm 203

BEST COPY AVAILABLE

December 19, 1957
MDT-1167-57

Dr. C. L. Dunham
Division of Biology and Medicine
Atomic Energy Commission
Washington 25, D.C.

Dear Dr. Dunham:

We confirm our phone of 0820 PST today reporting a Berkeley UCRL air sample for the 24 hour period ending 0800 December 13th exhibiting beta-gamma emitters in excess of 5 fold background, after 72 hours decay. A subsequent 3 day sample confirms. Our Livermore Lab data were similar but of less magnitude. Verbal inquiry revealed three other California points observed increases.

Per your advice we shall continue to supply this sort of information upon occurrence.

Very truly yours,

M. D. Thaxter
Health Chemistry

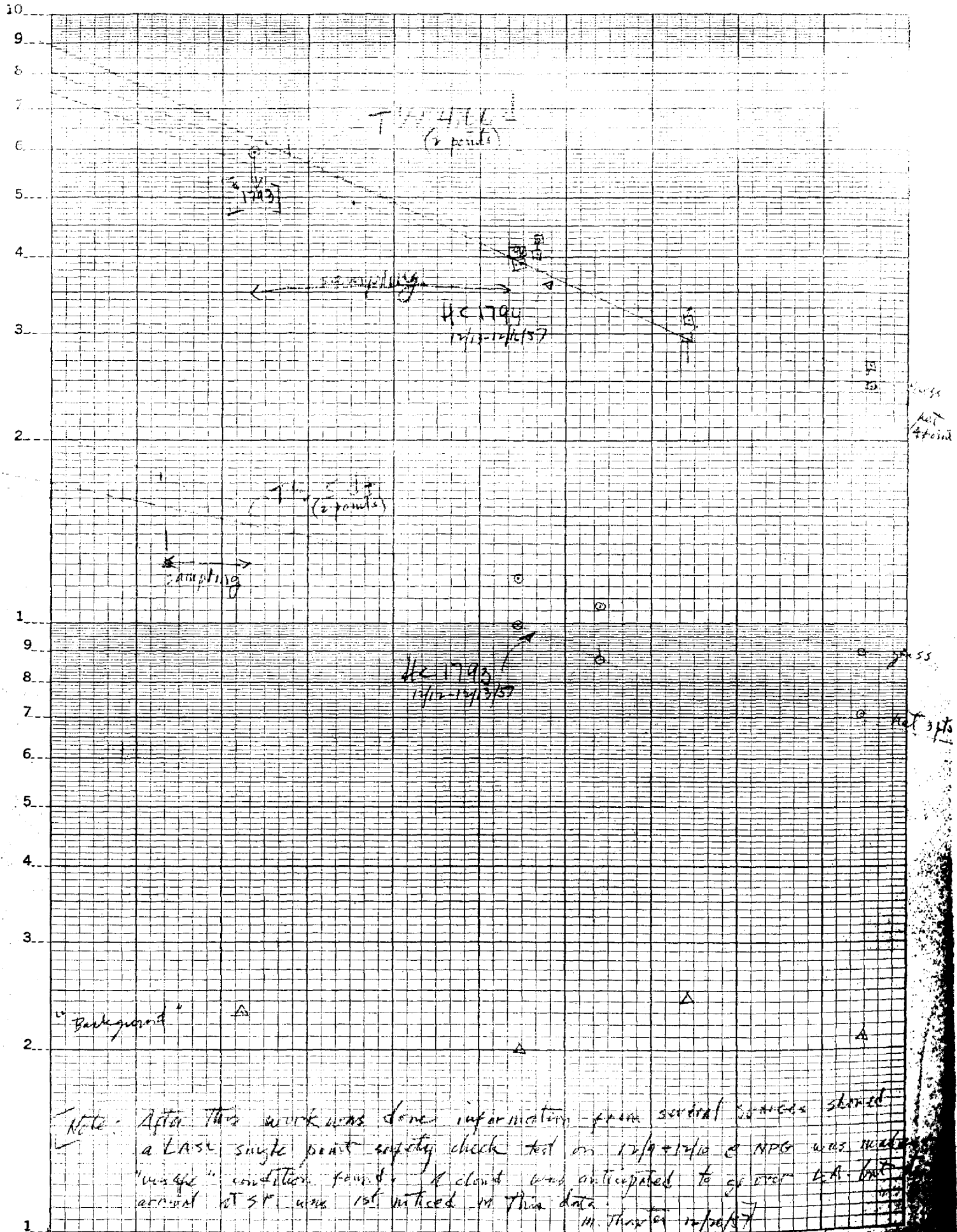
MDT/eg

Info cyt: Biophysics Branch, DEM, AEC, Wash.DC
SFOO, AEC

cc: Wade Patterson
Dan Wilkes
✓MDT

see AC 1793 + 1794 all samples

Semi-Logarithmic, 3 Cycles X 60 divisions.
MADE IN U.S.A.



12/11 (midnight)

12 13 14 15 16 17 18 19

Submit β we UDM

MI 8-6900
245

NIRDL, SF shipped

u/cc x 10⁻¹⁴

Dec 2-3	422
3-4	405
4-5	433
5-6	82
6-9	103
9-10	89
10-11	138
11-12	179
12-13	

3-4 fold
Jan 1-10

5 fold
Dec 11-12

ready PM 17th

need 201
12/18/57

L. A. Simon KL acc @ 1600

on Thue 12 ³⁴⁴⁶ 3500 α
off Fri 13 ¹³³⁷ 1300 β - γ
8 hr decay

96 hrs decay:

recount 12/17 AM ^{act} α
[β γ 26]
[67 β - γ]

on 13 fresh α 524 } 8-10 min
17 16 β - γ 530 }

24 hr decay α 74
orig 12/17 AM β - γ 304

Pat Heath Bank (Aclung) (12/17 AM)

F. then Mon sample
(Dec 13-14 inc)

~ 3x count (β 's)