

OFFICE MEMORANDUM

TO : Waste Studies Section Staff Members
Distribution

DATE: May 2, 1977

FROM : L. Trocki, H-8 *LKT*

SUBJECT : MONTHLY REPORT FOR APRIL, 1977

SYMBOL : H8-77-170

1283 Report

The majority of my time this month was spent on preparation of a slide show on the geologic history of north-central New Mexico. I gave a talk and presented this slide show to high school seniors during LASL's Youth Science Days on April 14 and 15.

Some results of chemical analyses from abandoned Waste Disposal Area C were returned this month. The soils and vegetations were sampled to determine the amount of radioactivity on or near the surface. The samples were submitted for ^{137}Cs , ^3H , gross- α , gross- β , and gross- γ . Of the results returned, these are the maximum values:

-41,000 pCi/g ^{137}Cs in soil near a disposal shaft

-73.6 x 10^6 pCi/ml ^3H in water from soil over Pit #4

-300 pCi/g gross- α in soil near a waste disposal shaft in the SE part of the area.

-64 pCi/g gross- β in soil in the same location as the gross- α max.

LKT:kr

Distribution:

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