



August 25, 1944

K. Z. Morgan

D. J. Rendell

Activity of Mud and Water From White Oak Dam

On July 26, 1944, P. L. Eisenacher and C. G. Lewis collected mud and water samples at various locations along White Oak Creek, into which the hold-up ponds are discharged, and at White Oak Dam. Sample locations are shown on the attached sketch.

Summary of Mud Data

<u>Sample</u>	<u>$\mu\text{c/gm}$</u>
#1	4.2×10^{-5}
2	3.3×10^{-5}
3	1.2×10^{-5}
4	64.0×10^{-5}
5	90.5×10^{-4}
6	2.5×10^{-2}
7	5.9×10^{-2}
8	2.6×10^{-2}

Water samples were obtained at the same locations as the mud samples.

Summary of Water Data

<u>Sample</u>	<u>c/ml/min</u>
#1	3.0
2	3.4
3	2.0
4	2.2
5	8.0
6	4.2
7	25.0
8	69.4

DJR/er

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CLASSIFICATION CANCELLED

DATE 8 Aug 1952
FOR THE ATOMIC ENERGY COMMISSION

for W. A. Strausser

CHIEF, DECLASSIFICATION BRANCH

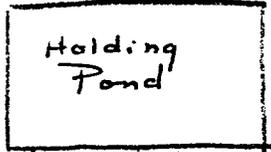
J.H.K.

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This document has been approved for release to the public by:

J.R. McIl... FOR DAVID HERMAN 3/22/95
Technical Information Officer Date

ORNL 326



Fence

South Gate

White Oak Creek

x #9

x #7

x #6

x #5

x #4

x #3

x #2

White Oak Dam

Road

x #1

INTERNATIONAL
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