



PITTSBURGH TESTING LABORATORY

FORM 95-CL

ESTABLISHED 1881

1715 BROOKPARK ROAD - CLEVELAND, OHIO 44109

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CL-9973

Verbal-J. Bedick

Report #1

May 29, 1975

DESCRIPTION

Witness Excavation of Asbestos Cement
Pipe & Witnessing Tests at the Plant

PROJECT

West 146th & Viola Avenue
Cleveland, Ohio

REPORTED TO

Flintkote Company
Pipe Products Division
Ravenna, Ohio 44266

PLAINTIFF'S EXHIBIT

CAP-572

On March 20, 1975, we were at subject project to witness the removal of two (2) pieces of 8" x 13' asbestos cement pipe. Each pipe was stamped inside each end with our P.T.L. monogram, so they could be identified later for testing purposes. Pipe was then returned to the manufacturers plant for testing in the future.

On May 23, 1975, we reported to Flintkote Company in Ravenna, Ohio to witness testing of this pipe.

We identified the pipe as that which had been removed from the ground on March 20, 1975. Each piece of pipe was cut into suitable lengths for testing.

The following tests were conducted in accordance with AWWA Standards.

Flexural Strength, Crushing Strength and Pressure Tests

Following were results of the tests.

Piece #1

<u>Test</u>	<u>Load</u>	<u>AWWA Reqs. - Class 150</u>
Flexural Strength	8100 lbs.	7600 minimum
Hydrostatic (Pressure)	525 lbs.	525 lbs. minimum

Note: This piece was hydro tested to 790 lbs. with no failure. It was then tested to 820 lbs. and failed the second time it was taken to 820 lbs.

Piece #2

Flexural Strength	9750 lbs. at failure	7600 lbs. minimum
Crushing Strength	8500 lb/lin. ft. at failure	5500 lb/lin. ft. min.

Pipe met the requirements of AWWA for 8" Class 150 Asbestos Cement Pipe.

Witnesses: R. Miller for Removal of Pipe
G.F. Bigham for Tests

PITTSBURGH TESTING LABORATORY

G.F. Bigham
G.F. Bigham, Manager
Cleveland District

8 Flintkote

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