

COMMONWEALTH OF VIRGINIA
STATE BOARD OF EDUCATION - STATE BOARD OF HEALTH
Richmond 16

PRELIMINARY DATA REPORT
School Water Supply and Sewage Disposal

SCHOOL Add. Aldie School DATE April 14, 1955
COUNTY OR CITY Loudoun County DIVISION SUPERINTENDENT O. L. Emerick
ARCHITECT Eubank and Caldwell ENROLLMENT: Upon occupancy 200
ADDRESS Roanoke, Virginia Ultimate estimated 250

For use of inspecting official of the State Health Department only

I. Water Supply:

1. Public (a) Size of existing street main (b) Size of existing feeder 1 1/2 inches
2. Individual (a) (Drilled) (Dug) well (b) Other type Spring
specify
3. Remarks Properly located, protected, samples are satisfactory, but has proven to be inadequate at times.

II. EXISTING SEWAGE DISPOSAL:

1. None
2. Results of percolation tests: Good
 Medium (Suitable (Unsuitable)
 Doubtful for subsurface drainage
3. Existing Facilities
(a) Septic tank: 2000 gallons capacity Influent line 4 in. Terra cotta
size material
(b) Dosing tank: (None) (Single) (Twin) siphon
(c) Subsurface distribution: lines at ft. each, equals total linear ft.
(d) Surface drainage: (Rotary) (Intermittent) (2-bed) (3-bed) Sand filter sq. ft.
(e) Public sewer: School sewer size material Street sewer size material
(f) Other 350 ft. subsurface drain line emptying onto surface of ground.

III. RECOMMENDED SEWAGE DISPOSAL

1. Existing system adequate with changes marked in (3) below
2. Existing system to be abandoned. New system outlined in (3) below
3. New individual facilities (Influent line 4 inches
(a) Septic tank of 3000 gallons capacity (Effluent line 4 inches
(b) Dosing tank with 4 inch (single) ~~(twin)~~ siphon
(c) Subsurface drainage field of lines at ft. each, equals total linear ft.



III. continued

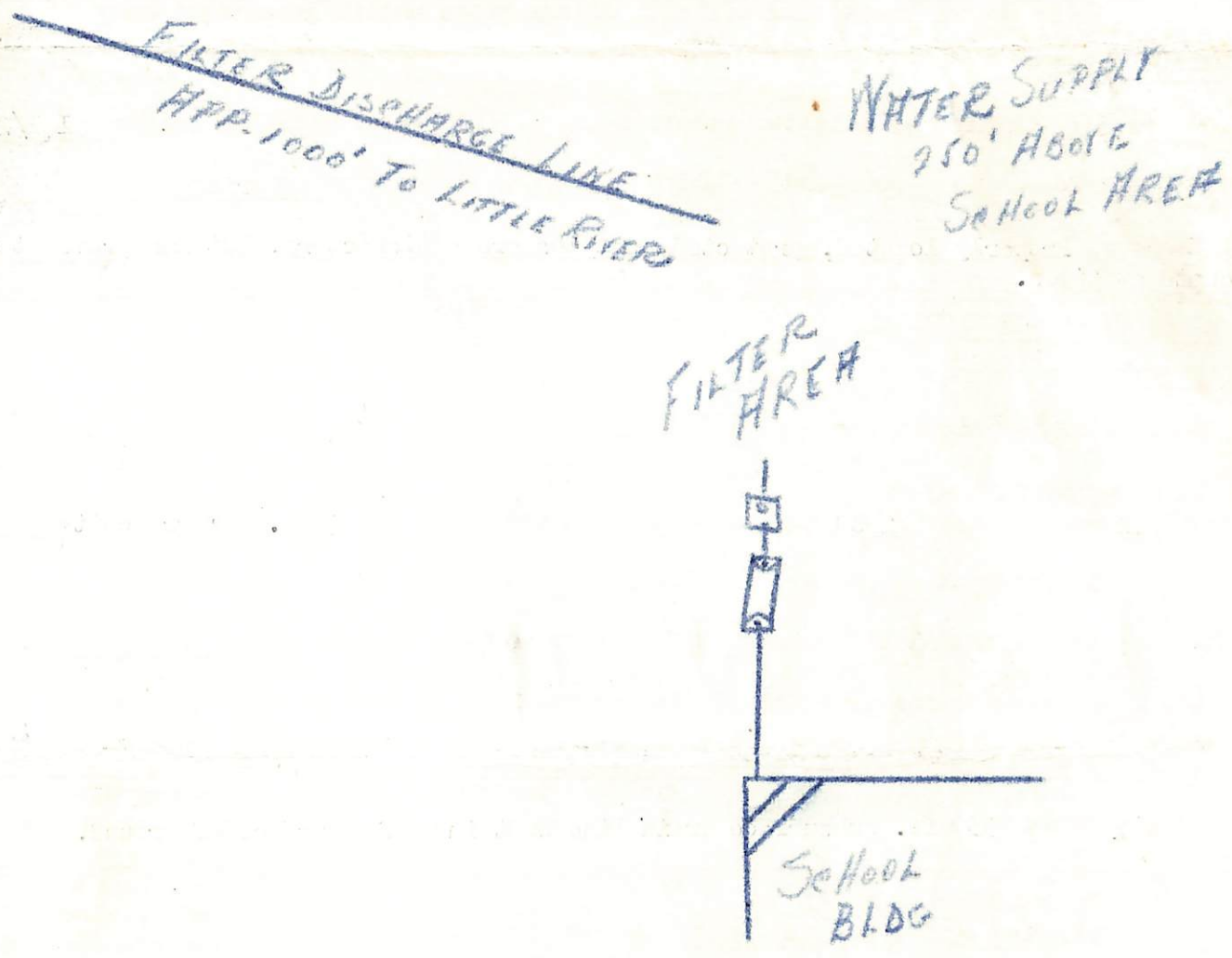
(d) Sand filter: (Rotary) (Intermittent) (2-bed) (3-bed) Area _____ sq. ft.
Name of stream receiving effluent _____

(e) Other facilities 2176 sq. ft. single bed, closed filter, effluent line emptying into Little River.

(f) Unsuitable for individual sewage disposal system

4. Public sewer available _____ Size _____ inches

SKETCH BELOW WATER SUPPLY, EXISTING AND RECOMMENDED SEWAGE DISPOSAL LAYOUT, AND BUILDINGS



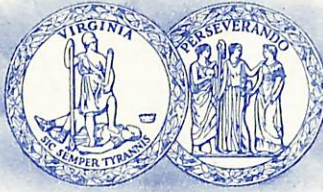
The recommendations submitted (have) ~~been~~ been discussed with the Division Superintendent of Schools. This report does not contain details of equipment and is to be used as preliminary design data. It is not an approval. Working drawings and specifications should be submitted in triplicate for the final approval of the State Department of Health and of the Water Control Board where applicable.

Local Health Authority H. M. Hall
Date 4-29-55 Title Sanitation

State Health Authority C. O. Barnes
Date 5-2-55 Title Regional Director of San.

This being approved for 250 pupils without showers
C.O.B.

COMMONWEALTH OF VIRGINIA



*file
Health Dept*

STATE BOARD OF EDUCATION

RICHMOND, 16

May 10, 1955

Re: Add. Aldie School
Loudoun County

Supt. O. L. Emerick
Leesburg, Virginia

Dear Mr. Emerick:

This has reference to our letter of June 27, 1950, and our letter of April 14, 1955 addressed to Dr. A. L. Carson, Jr., State Department of Health, copy of which was sent to you and Eubank & Caldwell, Inc. concerning the Addition, Aldie Elementary School project.

The duplicate preliminary data report forms - school water supply and sewage disposal - referred to in the correspondence have today been received from the Department of Health countersigned by C. Otis Barns 5/2/55. Please observe under sewage disposal that the present system is not functioning properly and a new system is stipulated. Likewise observe that the data and recommendations are of a general and preliminary nature only for assistance to the architect's office in the development of detailed drawings and specifications.

The local and/or State health authorities should be consulted as to the location of the existing building including water supply and sewage disposal facilities, the location of the new construction, the type and location of the new water supply and sewage disposal facilities recommended, landscaping, driveways, site development, possible future extensions of the plant and any other pertinent factors that should be considered in the overall construction.

Upon completion of the working drawings and specifications the architects should submit four copies each (at least those sheets pertaining to the water supply and sewage disposal facilities) to Dr. A. L. Carson, Jr., Director, Local Health Services, State Department of Health, Richmond, Virginia. In order to expedite matters these documents should be submitted to his office prior to the time the complete working drawings and specifications are submitted to this office.

Upon receipt of the drawings and specifications in Dr. Carson's office they will in turn be forwarded to the State Water Control Board or the local health officer, depending on the size of the building, type of sewage disposal system, etc. After a detailed review by these agencies you and the architect will in turn be notified as to the status of approval by the State Department of Health or this office.

Sincerely yours,

Arthur E. Chapman
Arthur E. Chapman
Supervisor of School Buildings

AEC/lc
Enc.

cc: Eubank & Caldwell
Dr. A. L. Carson, Jr.