FIRST ANNUAL REPORT

ON THE

MEDICAL INSPECTION OF PUBLIC SCHOOLS

OF THE PROVINCE OF

BRITISH COLUMBIA,

FOR THE YEAR ENDING DECEMBER 31st, 1911.

THE GOVERNMENT OF
THE PROVINCE OF BRITISH COLUMBIA.

PRINTED BY
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1912.

To His Honour THOMAS WILSON PATERSON,

Lieutenant-Governor of the Province of British Columbia:

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present the First Annual Report of the Department of Medical Inspection of Public Schools for the year ending December 31st, 1911.

All of which is respectfully submitted.

HENRY ESSON YOUNG,

Provincial Secretary.

Victoria, B.C., February 27th, 1912.

MEDICAL INSPECTION OF PUBLIC SCHOOLS.

PROVINCIAL BOARD OF HEALTH,
VICTORIA, February 26th, 1912.

The Honourable Dr. Young,
Provincial Secretary, Victoria, B.C.

DEAR SIR,—I beg to submit the first report on "School Hygiene" in British Columbia, being for the year 1911.

In considering the report, indulgence is asked. The Province is large and schools are located in places where medical inspection is difficult to secure. Of the 538 schools in the Province, Health Inspectors have been appointed to 304, and reports have been received from 145, showing the number of pupils examined to be 24,376.

The school health inspection year began on January 1st and ended on December 31st. On your order, in future the year will begin on September 1st and end on June 30th. Accordingly, all subsequent reports will be issued for the prescribed school-year.

Under the system at present in force, a report of disease or ailment observed is made to the parent or guardian, with a request that the child be taken to a physician or dentist.

The report "forms" do not require returns of work done in this direction, but, with your concurrence, we hope in future to ask for and publish statistics of disease present in our schools, such as: Specific infectious disease; diseases of teeth, ear, eye, skin; miscellaneous diseases.

Such a general statement will, it is hoped, rouse practical interest among responsible guardians.

To-day it is the accepted principle that the educationist and the hygienist must work hand-in-hand. Professor Murray Butler says: "The most grevious single obstacle in the way of the spread of sound educational principles is the popular view that the essentials of education are limited to instruction in reading, writing, and arithmetic."

Such a statement needs no further amplification. All authorities are now agreed, and it is a matter of every-day observation, that in youthful individuals the physical aspect requires an equal amount of attention with the mental and spiritual.

I have the honour to be,
Sir,
Your obedient servant,
C. J. FAGAN,
Secretary.

ALBERNI.

ALBERNI, B.C., January 30th, 1912.

C. J. Fagan, Esq., M.D.,
Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—I beg to submit a short report of the work done by me as Medical Inspector for the schools of Alberni, Gill School, and Beaver Creek.

I visited the senior division of the Alberni School on September 26th, and after carefully examining them, found very little to demand from their parents, except that fifteen girls out of the nineteen present were ordered to see the dentist who was to visit the town in the course of a month or six weeks. Some of the teeth were extracted by myself. Several children appeared to be a little below par, and to these I wrote out a tonic to be filled at the drug-store.

I am sorry to state that the parents have not attended to the children's teeth as I wished them to do, and when I next visit the school I will demand that attention be given to that part of the body.

I found the room well ventilated, walls clean. I visited the second division of this school on October 9th, found the same neglected condition of the teeth, and gave the same advice. Besides, nearly every child was coughing. After I left the school I sent prescriptions to the parents for the children's cough, and in the course of a few days they had relief.

The outhouses were in a fair sanitary condition.

A. D. MORGAN.

(See Gill and Beaver Creek.)

February 3rd, 1912.

To the Board of School Trustees, Alberni School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Alberni School, and beg to report as follows:—

Environment of school: On high dry ground; elevation about 60 feet, gravel bottom.

Building, general description: Wooden, plastered; two large rooms and ante-room; large porch extending full length of building, covered 74 by 10 feet.

Sanitation, number of water-closets: Two closets; cement vaults with weeping drains; clean; one has five seats, the other four seats.

Window lighting: New room, eight windows, 3½ by 6 feet; old room, six windows, 3½ by 6 feet.

Heating: Stoves (wood); coal later on.

Ventilation: Both rooms with three ventilators, 1 by 2 feet.

Desks, seating, etc.: New room seats thirty-eight; old room seats forty.

Number of class-rooms: Two.

Number of children in each room: Between sixty and sixty-five. Old room twenty-nine; new room thirty-one.

Cubic air-space in each room: Old room, 28 by 24 by 12 feet; new room, 36 by 24 by 12 feet.

A. D. MORGAN,
School Health Inspector.

ALBERNI, NEW.

PORT ALBERNI, January 31st, 1912.

C. J. Fagan, Esq., M.D.,
Secretary, Provincial Board of Health.

DEAR SIR,—I have to report that, after my appointment as School Health Inspector in June last, I visited the Port Alberni School and examined all the scholars according to the lines laid down on the health cards, and noted their condition on the cards. The health of the scholars was very satisfactory, with the exception of one or two mild cases of impetigo. There was no difficulty or objection taken to the examination.

During the last term I have had to visit the school on two or three occasions in connection with an outbreak of chicken-pox and on account of complaints of pediculi capitis. In connection with the latter, I closed the school for two days for the parents to get the children's heads clean, and to impress upon the parents the need for cleanliness.

The report as to the state of the school buildings is enclosed. The water-closets were thoroughly cleaned out according to my suggestion.

Yours faithfully,
C. T. HILTON.

June 20th, 1911.

To the Board of School Trustees, Port Alberni School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Port Alberni School, and beg to report as follows:—

Environment of school: Satisfactory.

Building, general description: Wooden, plastered internally; one class-room, 22 by 27 feet; one entrance-hall, 22 by 6 feet.

Sanitation, number of water-closets: Two; brick-lined pits. Very offensive; I should have a bushel of lime (quick) put in each and filled up. Must on no account be used another term in present condition.

Window lighting: South-side window area, 48 square feet; north-side window area, 96 square feet.

Heating: Stove.

Ventilation: Two doors at east end; windows north and south sides; top ventilation in roof (always open).

Desks, seating, etc.: Seven single desks; twenty-one double desks; all seats have backs.

Number of class-rooms: One.

Number of children in each room: Forty-six.

Cubic air-space in each room: 7,128 cubic feet.

General remarks: School is now too small for average attendance, and there is not cubic air-space enough for each child. Adequate ventilation can only be secured by creation of a too great draught. Water-closets must be attended to at once, and must be changed before next term, if school is not rebuilt elsewhere. Light and desks are satisfactory.

C. T. Hilton,
School Health Inspector.

ALICE SIDING.

Creston, B.C., January 30th, 1912.

Secretary of Provincial Board of Health, Victoria.

Dear Sir,—I beg to report as follows on medical inspection of Alice Siding School:—

There were sixteen pupils examined. Of these, only two are poorly nourished; three have enlarged turbinates; four have enlarged tonsils; one adenoids; one presents a pigeon-breast; one has ichthyosis; one a goitre; six have been vaccinated; six had measles last year; one is neurasthenic.

I found them generally cleanly and free from contagion.

I found school building small, but well lighted and ventilated. Water-closets of pit variety. Have instructed secretary of School Board to install box and remove closets farther from building.

I found Readers in a filthy condition—soiled and torn. These books have been in use for three years and a half, and are handed down to each succeeding class. It seems to me a capital way of spreading the lesser contagion. I have recommended that these be destroyed and new ones obtained.

All of which I respectfully submit.

I have, etc.,
G. B. Henderson,
Medical Inspector of Alice Siding.

P.S.—If any further information or statistic is required, shall gladly furnish same.—G. B. H.

January 30th, 1912.

To the Board of School Trustees, Alice Siding School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, etc., of Alice Siding School, and beg to report as follows:—

Environment of school: Located on old mill-site. Work of improvement gradually going on to make yard attractive.

Building, general description: Frame building, 22½ by 17 feet, papered; two windows, well lighted; 24 square feet of blackboard surface properly located in room.

Sanitation, number of water-closets: Water-closets are two in number, 50 and 20 yards respectively from building; pits used.

Window lighting: Four large windows, two on each side of building.

Heating: Heated by one box stove.

Ventilation: Conducted by windows and vent in ceiling and roof.

Desks, seating, etc.: Eleven desks, seating capacity of two each; seats graded for smaller pupils.

Number of class-rooms: One.

Number of children in each room: Thirteen.

Cubic air-space in each room: 3,060 cubic feet.

General remarks: I would suggest that new Readers be supplied, both for sake of hygiene and for pupils' comfort in reading. Books of First, Second, and Third Readers and half quantity of Fourth Readers unfit for use. Would also strongly advise that water-closets be renovated and box or buckets installed.

G. B. HENDERSON,
School Health Inspector.

ARROW PARK.

NAKUSP, B.C., February 1st, 1912.

C. J. Fagan, Esq., M.D.,
Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—*Re* medical school inspection, Arrow Park. In reply to your instructions in your letter of January 25th, I beg to report as follows:—

In compliance with instructions laid down by your Board for medical inspection of schools, I have examined all the children in this school once during the year 1911, and have reported to the school managers on the health of the children, the environments and general sanitary conditions of the buildings, etc.

I found the haelth of the children very satisfactory and the school a modern building, fulfilling all modern requirements. There had been no contagious or other serious disease amongst the children and no evidence of tubercular disease.

Yours obediently,
R. ARTHUR MOSSMAN.

ATLIN AND DISCOVERY.

ATLIN, B.C., November 8th, 1911.

C. J. Fagan, Esq., M.D.

DEAR SIR,—Enclosed I send you the report of the Atlin District public schools. In Atlin itself there is no school at present. For Discovery there are only four pupils, which I have this day examined, and find them all in good health. I have not had occasion to attend any

of them during the last twelve months. Enclosed you will find names, etc. The school and premises seem in good sanitary condition, and should not interfere with the general health of the children. The mother of the Clay children died this summer of diabetes, from which she had been suffering for years, nearly five to my knowledge.

Yours very sincerely,

Edward H. Harrison.

January 10th, 1912.

To the Board of School Trustees, Atlin School:

I beg leave to advise you that I made an examination as to the general health of all children attending Atlin District School; also of all teachers and janitors of same.

A statement as to the physical condition of each child has been recorded. The health of the teachers and janitors is good.

E. H. Harrison,
School Health Inspector.

February 12th, 1912.

To the Board of School Trustees, Atlin School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Atlin School, and beg to report as follows:—

Environment of school: Well isolated; stands on hillside; good drainage.

Building, general description: Oblong school-room, with two porches, an inner and an outer.

Sanitation, number of water-closets: Two water-closets with a partition in each; each double-seated.

Window lighting: Eight windows in school-room and two in inner porch.

Heating: Two heaters in school-room.

Ventilation: All the windows open, and there is a central ceiling ventilator.

Desks, seating, etc.: Eighteen desks, each seating two.

Number of class-rooms: Only one room. The inner porch could be used for class-room in summer.

Number of children in each room: Fourteen, total register number.

Cubic air-space in each room: 500 cubic yards in school-room.

Edward H. Harrison,
School Health Inspector.

BEAVER CREEK.

I visited this school on the same day, and found only four girls and three boys present.

The children were all in the best of health. The school was clean, well lighted and ventilated. As in the other two schools, various athletic and gymnastic exercises are indulged in, which, if carried on regularly, will surely do a great deal of good. The grounds are level and tidily kept, the outhouses in fair condition; in fact, I had very little to find fault with.

Hoping this very short report will be satisfactory,

Yours faithfully,

A. D. Morgan.

(See Alberni and Gill.)

February 2nd, 1912.

To the Board of School Trustees, Beaver Creek (Alberni) School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Beaver Creek (Alberni) School, and beg to report as follows:—

Environment of school: Bush.

Building, general description: Practically new; one room, with corridor; two porches; built 1903.

Sanitation, number of water-closets: Two; good.

Window lighting: Four facing south-east; four facing north-west, above the blackboard; two facing north-east into corridor; one fanlight into porch over door.

Heating: Stove, with long stove-pipe leading into brick chimney close to the ceiling.

Ventilation: Centre of ceiling, into a copula on top of roof.

Desks, seating, etc.: All children seat separate; all double desks.

Number of class-rooms: One.

Number of children in each room: Eleven.

Cubic air-space in each room: About 7,728 cubic feet of air.

A. D. MORGAN,
School Health Inspector.

BELLA COOLA, LOWER.

BELLA COOLA, February 8th, 1912.

Provincial Board of Health, Victoria, B.C.

In reply to your letter of January 25th, asking for a brief report of my work as Medical Inspector of the school, Lower Bella Coola. As you possibly are aware, I am teaching in the above-mentioned school, and can say that no sickness of any kind, except a slight cold once in a while, has been in the school. I have never examined any of the pupils minutely, chiefly because I am no medical man, and therefore not qualified so to do. The eyesight of the children is good, hearing good, etc. None of the children are, I think, affected with any malignant disease, so as to in any way disqualify them from attending.

Hoping this may be sufficient, I remain,

Yours respectfully,
B. C. KEEPING.

February 6th, 1912.

To the Board of School Trustees, Lower Bella Coola School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Lower Bella Coola School, and beg to report as follows:—

Environment of school: School-house nicely situated about central on a cleared acre of land suitably fenced in.

Building, general description: Originally a log building, but has been rusticked on the outside, burlap on the inside; thoroughly up to date.

Sanitation, number of water-closets: Two large water-closets, built last year and quite sanitary, comparing favourably with surroundings.

Window lighting: Three large windows on east side and also on west.

Heating: Heated by a wood-stove placed centrally.

Ventilation: Good system of ventilation.

Desks, seating, etc.: There are eight double desks, seating sixteen.

Number of class-rooms: One large class-room, with an outer porch.

Number of children in each room: Twelve children.

Cubic air-space in each room: About 14,000 cubic feet.

General remarks: The school-house, which was extensively repaired last year, and the grounds, which were cleared and levelled, compare very favourably with any other buildings and grounds that I have had the privilege to see.

B. C. Keeping,
School Health Inspector.

BERESFORD.

Kamloops, B.C., February 2nd, 1912.

Dr. Fagan,
Secretary, Provincial Board of Health, Victoria, B.C.

Dear Sir,—In reply to yours of the 25th, beg to state that I had Form A properly filled in by the parents and returned to the teacher. The children all appeared to be in good health. I examined the sanitary conditions of the school at different times, and found them in good condition.

I received a complaint this day from Mr. Adimson, whereupon I immediately went to the school to look into the matter. I found desks all loose, the floor rather dirty from wax or some other matter that had been put on it the night before by a dance-party. The outhouses were rather dirty, but not unsanitary. The playground requires cleaning, as there is considerable horse-dung around from the horses being tied in the yard and wood-shed. The yard is fenced, but it is also down. I am notifying the trustees of the way I have found things, and will recommend them to procure some disinfection for the closets. I have no doubt but those things will be looked after by the trustees. If there is any thing more that is required of me, please let me know.

I remain, etc.,
C. W. Greer.

Beresford.

February 6th, 1912.

To the Board of School Trustees, Beresford School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Beresford School, and beg to report as follows:—

Environment of school: Rolling prairie.
Building, general description: Frame, one room, with entrance.
Sanitation, number of water-closets: Two.
Window lighting: Four large windows.
Heating: One stove.
Ventilation: Three ventilators.
Desks, seating, etc.: Thirty-four.
Number of class-rooms: One.
Number of children in each room: Twenty-six.
Cubic air-space in each room: 7,776 cubic feet.

General remarks: As there have been some complaints in regard to the school being dirty, I would advise having the school cleaned once in each month, and immediately after each social or dance.

C. W. Greer,
School Health Inspector.

BOX LAKE.

NAKUSP, B.C., February 1st, 1912.

C. J. Fagan, Esq., M.D.,
Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—*Re* medical school inspection, Box Lake. In reply to your instructions in your letter of the 25th January, I beg to report as follows:—

In compliance with instructions laid down by your Board for medical inspection of schools, I have examined all the children in this school once during the year 1911, and have reported to the school managers on the health of the children, the environments and general sanitary conditions of the buildings, etc.

I found the health of the children very satisfactory. There had been no contagious or serious disease nor any evidence of tubercular disease amongst the children.

Yours obediently,
R. ARTHUR MOSSMAN.

June 21st, 1911.

To the Board of School Trustees, Box Lake School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Box Lake School, and beg to report as follows:—

Environment of school: Suitable.

Building, general description: Log building, 20 by 21 by 10 feet.

Sanitation, number of water-closets: Primitive; one earth-closet for each sex, adjoining each other.

Window lighting: Five windows, good light.

Heating: Stove in centre of room.

Ventilation: One ventilator.

Desks, seating, etc.: Satisfactory.

Number of class-rooms: There is no class-room.

Number of children in each room: Ten in summer and about eighteen in winter.

Cubic air-space in each room: 4,200 cubic feet.

General remarks: Everything is satisfactory from a health point of view, except the closets. I think there should be a closet with two seats for each sex at least, and either a partition separating the closets outside, or, what would be more satisfactory, two separate buildings. The seats should not be so high as the present one. The health of the children examined is very good.

R. ARTHUR MOSSMAN,
School Health Inspector.

BRISCO.

BRISCO, B.C., 1912.

To the Board of School Trustees, Brisco School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Brisco School, and beg to report as follows:—

Environment of school: Situated in valley between mountains, on a hill sloping east and west.

Building, general description: Log-house, papered inside with builders' paper this year.

Sanitation, number of water-closets: One water-closet, drainage away from school building.

Window lighting: Five windows, two on each side, one at back of room.

Heating: Heated by stove.
Ventilation: Ventilator at top of building, by chimney.
Desks, seating, etc.: Eight double desks, placed so that light falls on side and backs.
Number of class-rooms: One room.
Number of children in each room: Ten children.
Cubic air-space in each room: 300 cubic feet.
General remarks: Children are healthy, have had no contagious diseases; none have had coughs this winter.

G. A. MacKenzie,
School Health Inspector.

CACHE CREEK.

Ashcroft, B.C., January 27th, 1912.

Dr. C. J. Fagan,
Provincial Health Officer.

Dear Sir,—Yours received *re* Cache Creek School. I made one trip there last fall, and found the children all in good health. At the present time I am treating three children for scabies belonging to that school, and have given them strict instructions not to return to school without permission from me.

I will call in at the school the next time I go up the road, which is liable to occur any day, and have another inspection.

Yours very truly,
Geo. Sanson.

CARSON.

Grand Forks, B.C., February 5th, 1912.

Dr. C. J. Fagan,
Secretary, Provincial Board of Health, Victoria, B.C.

Report on Medical Inspection of Carson School for Year 1911.

I made one inspection of this school, and found the pupils (fourteen in number) all healthy. The building was inadequate to the needs of the district and was not in a good condition. The new school which they have recently moved into has not been inspected yet.

Yours truly,
W. Truax,
Health Inspector.

CASTLEGAR.

Report on Health Insection.

On December 4th, 1911, I inspected Castlegar School and outhouses, and medically examined the children in attendance, and beg to report as follows:—

The school-house is a good frame building, 15 by 23 by 9 feet, with a 6-foot verandah in front. Is lighted by four windows, 3 by 4½ feet, and heated by an ordinary log-heater. The lighting and heating I consider good and adequate.

The ventilation is by means of the windows, and is capable of being fairly well controlled. There is, however, a considerable draught along the floor, which I have advised the trustees can be controlled in several ways, preferably by the erection of a small porch with entrance from the side, so as to cut off the direct current of air.

There is no water-supply in connection with the school, but water is fairly conveniently got from the local railway depot, which is within 100 yards of the school.

There is one dry closet provided for the use of the children, the seat of which I found in a very dirty condition; recommended that seat of closet be regularly cleaned when school-room is being done.

Examined nine children in all, three girls and six boys. Of the total number, five are reported as unvaccinated.

The children I found all comfortably clothed, clean and tidy in appearance, and the health on the whole good. Two showed slight enlargement of the tonsils, and a third in which the hypertrophy was very marked. One showed a contracted upper arch, with irregular teeth, five permanent teeth being carious and lower incisors honeycombed. Other four had from one to four teeth decayed. Two had slightly enlarged lymphatic glands in the neck. One, a girl, is very deaf and defective in speech, and has marked enlargement of the thyroid, especially the right lobe.

J. M. MACMILLAN,
School Health Inspector.

February 2nd, 1912.

December 4th, 1911.

To the Board of School Trustees, Castlegar School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Castlegar School, and beg to report as follows:—

Environment of school: Good.

Building, general description: A good frame building.

Sanitation, number of closets: The school-room I found clean and orderly. There is one dry closet, the seat of which was very dirty.

Window lighting: Is quite adequate.

Heating: Is good.

Ventilation: Ventilation is by the windows, and is capable of being well controlled, but there is a marked draught along the floor from the door.

Desks, seating, etc.: Desks are adequate in number and are all in good condition.

Number of class-rooms: One.

Number of children in each room: Ten.

General remarks: The draught along the floor of the school-room is, at least during winter, liable to give rise to cold feet, and thus militate against the comfort and health of the children. I would recommend that the closet-seat be regularly cleaned at the same time the school-room is being done.

J. M. MACMILLAN,
School Health Inspector.

CEDAR, EAST.

EAST CEDAR, February 1st, 1912.

Dr. C. J. Fagan,
Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—As teacher of East Cedar School during the year 1911, I had the pupils' parents fill in Form A1 for each child attending this school.

On Form A, I copied from each Form A1 the information from parents. Also, on each Form A, filled in teacher's record of each pupil.

As Health Inspector, I examined each pupil carefully, and all were very healthy; no complaints whatever.

No pupil lost school through sickness all last year, which shows that the children have very good health.

Faithfully yours,
Harriet Nicholson.

February 1st, 1912.

To the Board of School Trustees, East Cedar School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of East Cedar School, and beg to report as follows:—

Environment of school: The school is situated in a quiet and pleasant place. Chiefly fir-trees and small bushes surround the land belonging to the school.

Building, general description: A one-room red wooden building, 18 by 25 by 12 feet. At the front of building is a hallway, with two doors leading into the main room; ceiling and top half of walls plastered; six windows.

Sanitation, number of water-closets: Two buildings situated a suitable distance from school-house; one for boys and one for girls. No water-closets.

Window lighting: Very good; two windows at the back of room, two on the left, and two on the right of building.

Heating: A wood-heater situated in the middle of the room. Warms all parts of the room very well.

Ventilation: Very good. Roof ventilator; doors and windows used as well.

Desks, seating, etc.: Eleven desks, double, seating comfortably twenty-two children.

Number of class-rooms: One class-room.

Number of children in each room: Twenty-one children.

Cubic air-space in each room: 5,184 cubic feet.

Harriet Nicholson,
School Health Inspector.

CEDAR, SOUTH.

Nanaimo, January 29th, 1912.

To the Board of School Trustees, South Cedar School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of South Cedar School, and beg to report as follows:—

Environment of school: Site high and dry; drainage good; playground sufficient.

Building, general description: Wooden, one story, cottage roof.

Sanitation, number of water-closets: Two water-closets, separate, accommodating four each. These should be disinfected from time to time with chloride of lime.

Window lighting: Good; eight windows.

Heating: Stove in middle of room.

Ventilation: Windows, and shaft through centre of roof.

Desks, seating, etc.: Twenty-two double desks; each pupil has separate seat.

Number of class-rooms: One.

Number of children in each room: Twenty-four.

Cubic air-space in each room: About 10,000 cubic feet.

General remarks: I have, in addition, examined the health of the pupils, and reported as per forms supplied by the Department.

L. J. O'Brien,
School Health Inspector.

CLAYOQUOT.

UCLUELET, B.C., February 6th, 1912.

Dr. C. J. Fagan,
Provincial Health Officer.

DEAR SIR,—I have the honour to inform you that during year 1911 I inspected Clayoquot School, examining the pupils individually and taking note of the state of building, etc. I found health of scholars good; two cases of slight myopia, for which I recommended fitting of eyeglasses where possible.

Building thoroughly isolated in new piece of ground; substantial wooden building, with five windows of good size, looking south. Heated by stove. Has four good ventilators. Separate desks. Twenty-one scholars, all in the one room, which contains 7,728 cubic feet. Hall or ante-room has 1,932 feet, and porch has 480 feet.

Water-closet sanitation attended to. Two well-separated w.c.'s, one for boys and one for girls.

I have, etc.,
CHARLES MACLEAN.

COLUMBIA GARDENS.

COLUMBIA GARDENS, B.C., February 11th, 1912.

Provincial Board of Health, Victoria, B.C.:

GENTLEMEN,—With regard to medical inspection, I may say that I have simply kept a careful watch over the pupils, and find them a healthy, hardy class of youngsters, with very few physical defects. They are apparently in good health.

The school-house is large, cheery, and comfortable; everything in connection with the building is in a good clean condition.

Yours respectfully,
MRS. JAS. PIPKIN.

May 29th, 1911.

To the Board of School Trustees, Columbia Gardens School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Columbia Gardens School, and beg to report as follows:—

Environment of school: The children have a good, large, cleared place around the school in which to play. There are trees close enough to give them shade during playtime.

Building, general description: We occupy one large room of a private house, which is much more convenient than one would expect, but a proper school building would be more convenient still.

Sanitation, number of water-closets: There are two closets in good repair and kept clean and sanitary.

Window lighting: The school-room has three good-sized windows and half door.

Heating: A medium-sized Queen heater keeps the place cozy.

Ventilation: We ventilate by raising lower sash of window and lowering upper one, and also an open hallway to an upper flat.

Desks, seating, etc.: The desks, of the kind usually found in city schools, are suited to the various ages and grades very nicely.

Number of class-rooms: One.

Number of children in each room: Twenty.

Cubic air-space in each room: 15 feet wide, 21 feet long, 8½ feet high = 15 by 21 by 8½ by 1,728 = 462,672 cubic inches.

MRS. JAS. PIPKIN,
School Health Inspector.

January 31st, 1912.

To the Board of School Trustees, Columbia Gardens School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., at Columbia Gardens School, and beg to report as follows:—

Environment of school: A good healthy locality, the building occupying a high position, which gives good drainage and keeps playground dry.

Building, general description: The building is just new, being a fine, large, airy one, with plenty of light and ventilation and all modern conveniences.

Sanitation, number of water-closets: In the basement are ten separate closets, five on each side, as clean and sanitary as it is possible to be.

Window lighting: On the south side of the building there are five large windows, making the school-room very bright.

Heating: Heat is supplied by a furnace through two registers. We have a good supply of heat.

Ventilation: There are four ventilators, as well as the windows and doors.

Desks, seating, etc.: Desks and seating for twenty children.

Number of class-rooms: One class-room.

Number of children in each room: Eighteen children.

Cubic air-space in each room: School-room, length 32 feet, width 27 feet, height 13 feet; therefore 11,232 cubic feet air-space.

General remarks: The building is in excellent condition. It is quite new and very pleasant and bright inside. The children are the usual normal type of children, healthy and apparently happy.

(MRS.) L. M. PIPKIN,
School Health Inspector.

COLWOOD.

May 4th, 1911.

To the Board of School Trustees, Colwood School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Colwood School, and beg to report as follows:—

Environment of school: Fair, somewhat dusty.

Building, general description: One-story wood, with entry.

Sanitation, number of water-closets: Two; fair only.

Window lighting: Good.

Heating: Satisfactory.

Ventilation: Fair; windows only.

Desks, seating, etc.: All one size; too small for older children.

Number of class-rooms: One.

Number of children in each room: Thirty-three on roll; attendance, twenty-six; twenty-five desks.

Cubic air-space in each room: 8,220 cubic feet; 242 feet per individual.

EDWARD C. HART,
School Health Inspector.

COMAPLIX.

ROSEDALE, January 31st, 1912.

Dr. C. J. Fagan, Victoria.

DEAR SIR,—For the term ending December 31st, 1911, I made examination of the pupils attending Comaplix Public School, and found them in good health, and the buildings, etc., in a sanitary condition. Also the teacher was in good health.

JNO. C. ELLIOT, M.D.,
Local Health Officer.

COMAPLIX, B.C., May 9th, 1911.

To the Board of School Trustees, Comaplix School.

I beg leave to advise you that I made an examination as to the general health of all children attending Comaplix School; also of all teachers and janitors of same.

A statement as to the physical condition of each child has been recorded. The health of the teachers and janitors is first-class.

JNO. C. ELLIOT,
School Health Inspector.

May 9th, 1911.

To the Board of School Trustees, Comaplix School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Comaplix School, and beg to report as follows:—

Environment of school: Good.
Building, general description: Frame.
Sanitation, number of water-closets: Two, at the rear; in sanitary condition.
Window lighting: From the sides; four windows.
Heating: By wood-stove.
Ventilation: From the windows.
Desk, seating, etc.: Good.
Number of class-rooms: One.
Number of children in each room: Fifteen children.
Cubic air-space in each room: 3,960 cubic feet (18 by 22 by 10 feet).

General remarks: For the size of the town and the number attending, the school is equipped in a very creditable manner with regard to the preservation of the health of the pupils.

JNO. C. ELLIOT,
School Health Inspector.

COQUITLAM.

NEW WESTMINSTER, B.C., February 22nd, 1912.

C. J. Fagan, Esq., M.D.,
Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—Your request for a brief report of the work done by me last year as Medical School Inspector at Coquitlam would seem to have been overlooked, but not so. I have been so overworked that it has been impossible for me this past two months to keep up with daily events and get sufficient rest, so that I postponed making this report until I could get time undisturbed for it.

There are five schools in Coquitlam—one at Millside, one at Burquitlam, two at Westminster Junction, and one at East Coquitlam.

I visited them all several times, except the one at Millside, which was in such a discouraging state that I could do nothing satisfactory with the inspection until a proper teacher was in control. For instance, when I went there to examine the children, the most of them ran home unrestrained by the teacher, and so I missed all but a few.

As a result of my examination in the other schools (and I examined every child), I found that the general average of the mental and physical condition was high. There were large numbers suffering from enlarged tonsils and adenoids, some to such a degree as to require immediate medical treatment, others only moderately affected.

In some instances where the parents were notified of these defects they took steps to remedy them, but in most cases nothing was done. I think, however, that the spirit of the inspection was understood, and that, whereas there was a tendency to look upon it suspiciously at first, they agreed finally that the Act is a useful one and likely to accomplish much good.

I had seldom to send a child away from school, and then it was for either scabies or impetigo. In one school every child had, or had had, the itch, and I left it to the nearest trustee to take the matter up energetically with the parents rather than close the school, as there were only eleven pupils altogether on the roll.

In some of the growing districts like Coquitlam it is going to be difficult for the Inspector to keep his work up to date, as I found that within an interval of two weeks between visits I made that four whom I had already examined were gone for good, and that five new ones had arrived. It will be some years before the population at Coquitlam ceases to migrate in one way or the other to a marked degree. I did not compile the full statistics of those whom I examined, so as to be able to give you exact figures as to how many had defects of one kind or another, but the cards in the hands of the various teachers will show that any time.

Yours faithfully,
G. H. Manchester.

Burquitlam, B.C., January 29th, 1912.

C. J. Fagan, Esq.,
Secretary, Provincial Board of Health.

Sir,—*Re* Medical Inspector's report of schools. I send herewith, in accordance with request contained in your favour of January 24th, Dr. Manchester's reports. Two copies on Forms C sent me and three originals, which I would esteem it a favour if you will return at your convenience, and oblige,

Yours respectfully,
H. B. Baker,
Secretary, C.M.S.B.

P.S.—I had no C Forms, and consequently have to send originals.—H. B. B.

October 15th, 1911.

To the Board of School Trustees, Blue Mountain School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Blue Mountain School, and beg to report as follows:—

Environment of school: Pleasant, bright, and cheerful. Surrounding residences are removed sufficiently to permit of quiet. On main road, Westminster to Port Moody.

Building, general description: One-story frame, cottage roof, facing west, newly painted, 36 by 24 feet; two entrances at front, one for each sex, with entry-lobby for hanging clothes and hats.

Sanitation, number of water-closets: There are two dry-closets, one for each sex, and properly separated, the boys having a galvanized urinal in addition; water by a well.

Window lighting: Four large full-sized windows facing north side, and four half-size on south side, which gives the light over the left shoulders of the pupils.

Heating: By a large cast-iron stove.

Ventilation: By windows and doors.

Desks, seating, etc.: Three rows, graded in size to meet requirements; twenty desks in all; each will accommodate two pupils.

Number of class-rooms: One.

Number of children on roll: Twenty-two.

Cubic air-space in each room: 7,700 cubic feet.

G. H. Manchester, M.D.,
School Health Inspector.

October 15th, 1911.

To the Board of School Trustees, Coquitlam Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Junior Coquitlam Graded School, and beg to report as follows:—

Environment of school: Bright, pleasant, quiet, suitable to a high degree.

Building, general description: Frame, single story, cottage roof, not new, faces east; common entrance to lobby and two entrances to school-room; plastered walls and ceilings.

Sanitation, number of water-closets: Closets common to both senior and junior schools; ample; not too well swept, however.

Window lighting: Windows on three sides. Pupils face east, where there are no windows, but full blackboard space. Lighting is ample and well distributed.

Heating: Box stove in centre of room.

Ventilation: By doors and windows and one ventilator in the centre of the ceiling.

Desks, seating, etc.: Twenty desks with seats, graded in size and of regulation pattern; all in good order.

Number of class-rooms: One.

Number of children in each room: Twenty-one on roll.

Cubic air-space in each room: 18 by 30 by 12 feet (6,480 cubic feet).

General remarks: Ceiling appears to be loosening and might fall in spots. Walls rather stained with rain and dusty, with here and there cobwebs, particularly in entry.

G. H. MANCHESTER, M.D.,
School Health Inspector.

October 15th, 1911.

To the Board of School Trustees, Coquitlam Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of the Senior Coquitlam Graded School, and beg to report as follows:—

Environment of school: Ample open space, permitting of free access of sunlight and fresh air; healthy and cheerful locality.

Building, general description: Frame of modern pattern, single story, cottage roof, painted; two entries; faces east.

Sanitation, number of water-closets: Out-of-door earth-closets for both sexes, properly separated.

Window lighting: Four full-sized windows on the south side and four half-windows on opposite side; ample light.

Heating: By large box stove in centre of room.

Ventilation: By ventilator in ceiling, also doors and windows.

Desks, seating, etc.: Twenty-four regular school desks of approved pattern and graded sizes; all in good order.

Number of class-rooms: One class-room.

Number of children in each room: Thirty-two on roll.

Cubic air-space in each room: 7,700 cubic feet.

General remarks: School-rooms might be dusted a little better in regard to walls and corners, where cobwebs are visible. Window-glass much stained with fly-specks, etc.

G. H. MANCHESTER, M.D.,
School Health Inspector.

November 8th, 1911.

To the Board of School Trustees, Coquitlam Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of the East Coquitlam School, and beg to report as follows:—

Environment of school: Uncultivated wild lands. Bright and airy and dry location, being quiet and undisturbed, yet very accessible.

Building, general description: Single-story frame building with porch, 18 by 24 feet, with 10-foot ceiling.

Sanitation, number of water-closets: Two dry closets removed some distance from the building.

Window lighting: Four windows, two on each side of the building.

Heating: By means of small box stove.

Ventilation: By windows and doors, besides a ventilator in ceiling.

Desks, seating, etc.: Desks in three rows, graded in size; fourteen in all, of which three are single.

Number of class-rooms: One.

Number of children in each room: Eleven.

Cubic air-space in each room: 4,320 cubic feet.

General remarks: Conditions as to cleanliness and order were satisfactory.

G. H. Manchester, M.D.,
School Health Inspector.

November 8th, 1911.

To the Board of School Trustees, Coquitlam Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions of the Millside School, and beg to report as follows:—

Environment of school: Low ground, surrounded by undeveloped property, making for general gloominess. Grounds dry and ample in size; general air uninviting; very accessible, however.

Building, general description: Large frame single-story structure, modern type, recent construction, high foundation; painted dull red.

Sanitation, number of water-closets: Ample outdoor dry closets for each sex, well separated.

Window lighting: Six large full-sized windows in each end, making ample provision for lighting on fine days, rather dull on dark days.

Heating: By means of large box stove.

Ventilation: Ventilators in ceiling, and windows can be used.

Desks, seating, etc.: Ample desk accommodation in the one room used for forty pupils; desks graded in size and of the regulation type.

Number of class-rooms: Two rooms, only one in use; both the same size, one being on the east side and the other on the west.

Number of children in each room: Thirty-two pupils altogether on roster.

Cubic air-space in each room: About 8,000 cubic feet.

General remarks: General air of neglect about the premises.

G. H. Manchester, M.D.,
School Health Inspector.

CORBIN.

CORBIN, B.C., January 30th, 1912.

Provincial Board of Health, Victoria, B.C.

DEAR SIRS,—I beg to state that during the last week of school previous to summer holidays I examined the thirty-four scholars in attendance and the schoolmaster. I also at various times inspected the school building, privies, aand adjoining grounds. On two occasions I inspected the books used in the school, and condemned those unfit for use.

Very respectfully yours,
J. S. GLADWIN, M.D.,
Medical Inspector, Corbin School.

To the Board of School Trustees, Corbin School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Corbin School, and beg to report as follows:—

Environment of school: Good, except privies are too close to school building.

Building, general description: One-story rough-board building, 39 by 18 feet; average height, 9 feet.

Sanitation, number of water-closets: Two outside privies, which are too close to building.

Window lighting: Three windows on each side and one in each gable.

Heating: One coal-stove.

Ventilation: The windows in the gables are on hinges, so that they can be opened for ventilation; other windows are fixed.

Desks, seating, etc.: Seating-capacity for fifty-three scholars.

Number of class-rooms: One.

Number of children in each room: Thirty-four.

Cubic air-space in each room: 6,318 cubic feet.

General remarks: The building is simply the most miserable I have ever seen used as a school building. The blackboards are at wrong end of building, causing a constant glare, when enough light enters, which is very bad for eyesight of scholars. The seats are very rough and uncomfortable.

J. S. GLADWIN, M.D.,
School Health Inspector.

COWICHAN, SOUTH.

January 29th, 1912.

The Provincial Board of Health, Victoria.

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of South Cowichan School, and beg to report as follows:—

Environment of school: The school stands in a one-acre plot of land; aspect open towards south and west, and sheltered by rising ground and trees on the north and east.

Building, general description: Building is constructed of wood, with shingle roof. Internal measurements, 33 feet in length, 29 feet 6 inches wide, and 12 feet high to ceiling. This space is divided into a vestibule 5 feet by 19 feet 6 inches, and the school-room 28 feet by 19 feet 6 inches.

Sanitation, number of water-closets: A building erected last year in the school-grounds contains four closets, two for boys and two for girls, at opposite sides of the building and separated by a central wood-shed.

Window lighting: There are six windows, each measuring 5 feet 6 inches by 2 feet 6 inches, giving a total window area of 82.5 square feet, which is over one-sixth floor-space.

Heating: There is one stove in centre of school-room, with flue passing beneath ceiling to chimney at north end.

Ventilation: There is no special system of ventilation other than open windows; there is an opening in ceiling, but no ventilator on roof.

Desks, seating, etc.: There are twenty-four double-seated desks to accommodate forty-eight pupils. The seats and desks are all one size, and are in good condition.

Number of class-rooms: There is only one general school-room.

Number of children in each room: There are forty-one pupils attending school.

Cubic air-space in each room: The cubic air-space of school-room is 6,552 cubic feet, or 156 cubic feet per head for forty-one pupils and one teacher. These measurements do not make allowance for furniture, etc.

General remarks: During the past year I examined forty-five pupils (twenty-two boys and twenty-three girls). Their health during the year has been good, and there has been no serious infectious illness. I found some of the children "short-sighted" or "astigmatic." Some are provided with suitable glasses, but others are not, and are using their eyes to their detriment. Fifteen pupils attending school have not been vaccinated.

I do not consider the cubic air-space of the school-room to be sufficient for forty-two persons (156 cubic feet per head). Although the London School Board allows a minimum of 130 cubic feet per head, circumstances are different here, where a stove is used for heating and there is no special system of ventilation. I would suggest, under the circumstances, that 200 cubic feet per head would be a better allowance. This would mean that the present school-room is only sufficient for thirty-three persons. I would suggest that an additional class-room be added to the present building or the school-room be enlarged. I would also suggest that a water-supply be brought by pipe to the school, and that there be a wash-basin placed in the vestibule; also that a sufficient number of hat and coat pegs be provided, each pupil to be allotted a separate numbered peg for his or her own use.

Arthur G. Price, M.B.,
School Health Inspector.

CRANBROOK.

Cranbrook, B.C., February 1st, 1912.

Report on Cranbrook School.

I examined all the new-comers to this school after my own arrival in Cranbrook at end of May, 1911. The others had already been examined by Dr. Connolly. I also examined those reported to me by the teachers.

Enlarged tonsils and adenoids have been the most frequent causes for reporting to parents. I went over the heads of most of the classes, and had to report presence of nits. The parents responded well to the latter, and have successfully cleaned the heads. Whooping-cough was prevalent in last three months of the year, and kept many from attending school. The teachers have, on the whole, given good assistance and taken interest and trouble with the work. There will be about 400 pupils this year.

T. H. M. Bell.

CULTUS LAKE.

February 5th, 1912.

To the Board of School Trustees, Cultus Lake School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Cultus Lake School, and beg to report as follows:—

Environment of school: The school faces the road and is surrounded by about an eighth of an acre of clear land.

Building, general description: The school is a one-room, one-story wooden structure.

Sanitation, number of water-closets: The ground on which the school is situated being on a hill is well drained. There is one water-closet.

Window lighting: There are four double-sash windows, two on each side.

Heating: The room is heated by a small heater-stove.

Desks, seating, etc.: There are eleven double seats in the room, besides a long bench across the back of the school.

Number of class-rooms: The school contains one room.

Number of children in each room: There are at present sixteen children in the room.

Cubic air-space in each room: 18 by 26 by 12 feet (5,616 cubic feet).

JESSIE ROY,
School Health Inspector.

EDGEWOOD.

EDGEWOOD, B.C., February 12th, 1912.

Dr. C. J. Fagan,
Provincial Health Officer.

DEAR SIR,—Since my recent appointment as Medical Inspector for the Fire Valley School, I have paid special attention to the state of health of the children. This is an exceedingly healthy district, and the eleven children of the school are, as far as I can judge, absolutely free from any defects of health, sight, or hearing. They are also, with the exception of one family, clean and well looked after. I called attention to the want of cleanliness in the case of the exception, and attention was at once paid, with the result that the two children now come properly washed and sufficiently clad to school. There are no apparent signs of heart or lung trouble in any of the children, nor defects of speech.

Yours truly,
MARGARET TIMÆUS.

February 12th, 1912.

To the Board of School Trustees, Fire Valley School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Fire Valley School, and beg to report as follows:—

Environment of school: In open field; very healthy; good air, plenty of sun.

Building, general description: Wooden building, one room; watertight.

Sanitation, number of water-closets: One.

Window lighting: Four windows, two each side of room.

Heating: Good stove.

Ventilation: By means of windows.

Desks, seating, etc.: Oxford desks of different sizes; two children to one desk.

Number of class-rooms: One.

Number of children in each room: Eleven.

Cubic air-space in each room: 20 by 30 by 8 feet (4,800 cubic feet).

MARGARET TIMÆUS,
School Health Inspector.

EHOLT.

EHOLT, B.C., February 1st, 1912.

To the Board of School Trustees, Eholt School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Eholt School, and beg to report as follows:—

Environment of school: Healthy.

Building, general description: Wood.

Sanitation, number of water-closets: Two; boxes emptied monthly; in good sanitary condition.

Window lighting: Adequate.

Heating: Stove (wood); room very cold in winter; building built of unseasoned lumber.

Ventilation: Windows, open at top and bottom.

Desks, seating, etc.: Double, sixteen in number.

Number of class-rooms: One.

Number of children in each room: Twenty-seven.

Cubic air-space in each room: 12,000 cubic feet.

General remarks: Building in fair repair; roof leaking. Stove requires sheet iron underneath. Room generally dingy and badly in need of painting on inside and out. It would take about $300 to put building in good condition.

J. D. MACLEAN,
School Health Inspector.

ERIE.

YMIR, B.C., January 31st, 1912.

Dr. J. C. Fagan,
Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—I beg to report that I visited the Erie School during the year 1911 in the capacity of Medical Inspector. The pupils were found in good health, and no one suffering from any complaint that would endanger others.

The water-closets are situated only a few feet at the rear of the building, but there is no window or door in that end of the school, so that the nearness of the water-closets is not so very objectionable. The two closets, however, stand side by side, with no fence or anything separating the approach to the closets. I consider this objectionable from a moral standpoint, even although the pupils are small. Otherwise the surroundings are sanitary. The building is unimposing, but adequate to present needs.

Yours faithfully,
M. D. BAKER,
Medical Inspector.

To the Board of School Trustees, Erie School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Erie School, and beg to report as follows:—

Environment of school: Sanitary, excepting that the water-closets are too close to the school.

Building, general description: Log building, with matched lumber finish inside; unpainted; very good state of repair.

Sanitation, number of closets: Two closets, too close to school building (about 10 feet), standing side by side. The boys' and girls' closets should be separated from each other, more for moral than sanitary reasons.

Window lighting: On left of pupils four windows 36 by 30 inches clear of sash, 30 square feet; on right of pupils four windows 36 by 30 inches clear of sash, 30 square feet, shaded by verandah. Lighting, one-seventh of floor-space, which is quite sufficient.

Heating: By wood-stove near centre of room.

Ventilation: The windows all slide, so that adequate ventilation can be obtained, especially if weather is not too severely cold.

Desks, seating, etc.: Desks good form; plenty of seating-room, eight seats; desks possibly a little too flat.

Number of class-rooms: One.

Number of children in each room: Ten.

Cubic air-space in each room: 3,960 cubic feet.

M. D. BAKER,
School Health Inspector.

ESQUIMALT.

C. J. Fagan, Esq., M.D.,
Provincial Health Officer, Victoria, B.C.

SIR,—I beg to submit the following report on the medical inspection of Esquimalt School:—

Total number examined, 235. Nutrition—Good, 232; fair, 3. Mentality—Good, 231; fair, 4. Pulmonary disease, 2. Skin-disease, 2. Vision—Normal, 225; defective, 10. Hearing—Normal, 234; defective, 1. Defect of nasal breathing, 1. Teeth—Irregular, 6; bad, 49. Hypertrophied tonsils, 50. Enlarged glands, 1. Infectious diseases—Nits, 16.

Diseases during year: Varicella, 3; measles, 22; pertussis, 16; influenza, 2; articular rheumatism, 1; dysentery, 1; mumps, 2; diphtheria, 1; infantile paralysis, 1; traumatic atrophy, 1.

H. RUNDLE NELSON, M.D.

FORT STEELE.

FORT STEELE, February 2nd, 1912.

To the Board of School Trustees, Fort Steele Public School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Fort Steele Public School, and beg to report as follows:—

Environment of school: Good.

Building, general description: Wood; L shape; two divisions.

Sanitation, number of water-closets: Good; three.

Window lighting: Good.

Heating: Good; Queen heater.

Ventilation: No special system.

Desks, seating, etc.: Modern.

Number of class-rooms: Two; only one used.

Number of children in each room: Thirty-eight.

Cubic air-space in each room: 6,000 cubic feet.

HUGH WATT, M.D.

FOSTER'S BAR.

Lillooet, February 10th, 1912.

Dr. C. J. Fagan, Victoria, B.C.

Dear Sir,—I visited and made an examination of the Foster's Bar School on February 8th. There were thirteen pupils present. None of those present showed any urgent need of treatment. I found a number of the pupils with tonsils more or less enlarged, and several had teeth in an advanced stage of decay, and, as they were too far gone to fill, would be better removed. Otherwise I found the children generally healthy.

The closets were clean, and I found that chloride of lime was being used to keep them in fair condition.

Yours truly,
H. A. Christie.

Foster's Bar, February 8th, 1912.

To the Board of School Trustees, Foster's Bar School:

I beg leave to advise you that I made an examination as to the general health of all children attending Foster's Bar School; also of all teachers and janitors of same.

A statement as to the physical condition of each child has been recorded. The health of the teachers and janitors is good.

H. A. Christie,
School Health Inspector.

February 8th, 1912.

To the Board of School Trustees, Foster's Bar School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Foster's Bar School, and beg to report as follows:—

Environment of school: Situated on a rough hillside close to wagon-road; not a suitable location for a playground.

Building, general description: Log building.

Sanitation, number of water-closets: Closets clean and in good condition, but those for boys and girls are side by side with no screens.

Window lighting: Satisfactory.

Heating: Stove; satisfactory.

Ventilation: By windows only.

Desks, seating, etc.: Not properly graded for the different ages.

Number of class-rooms: One.

Number of children in each room: Thirteen present when examined.

Cubic air-space in each room: 2,300 cubic feet.

H. A. Christie,
School Health Inspector.

FRUITVALE.

Ymir, B.C., January 31st, 1912.

Dr. C. J. Fagan,
Secretary, Provincial Board of Health, Victoria, B.C.

Report for 1911.

Dear Sir,—I beg to report that I examined the Fruitvale School grounds, buildings, and pupils. The surroundings are all sanitary, the buildings in good condition, and adequate to present needs. The pupils were in a good condition of health and cleanliness. There was no pupil suffering from any condition that would endanger the health of the other pupils.

Yours faithfully,
M. D. Baker,
Medical Inspector.

October 14th, 1911.

To the Board of School Trustees, Fruitvale School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Fruitvale Public School, and beg to report as follows:—

Environment of school: Good.

Building, general description: Good comfortable building in good state of repair, clean and tidy.

Sanitation, number of water-closets: Two; well built and in good condition.

Window lighting: All from left side of pupils, which is considered the best method; area about one-seventh of floor-space, which is quite adequate.

Heating: By wood-stove, which appears to answer the requirements.

Ventilation: Three ventilators, 1 foot square, near the roof, on the right side of the pupils opposite the windows; also a ventilator in the centre of the ceiling. These should be sufficient to give good ventilation.

Desks, seating, etc.: Desks varying in size, of good shape, and sufficient in number for present needs.

Number of class-rooms: One; 33 by 26 by 14 feet.

Number of children in each room: Twenty-four. About 15 square feet of floor-space for each pupil.

Cubic air-space in each room: 12,012 cubic feet; about 500 cubic feet for each pupil.

M. D. BAKER,
School Health Inspector.

GALENA BAY.

ARROWHEAD, June 29th, 1911.

Department of Education, Victoria.

DEAR SIRS,—Find enclosed report of the examination of the children in Galena Bay School. I found everything in a very creditable state of sanitation.

Yours respectfully,
JNO. C. ELLIOT,
Local Health Officer.

GALENA BAY, B.C., June 28th, 1911.

To the Board of School Trustees, Galena Bay School:

I beg leave to advise you that I made an examination as to the general health of all children attending Galena Bay School; also of all teachers and janitors of same.

A statement as to the physical condition of each child has been recorded. The health of the teachers and janitors is good.

JNO. C. ELLIOT,
School Health Inspector.

GALENA BAY, June 28th, 1911.

I have this day made medical examination of the pupils of Galena Bay Public School, and find them in good health, and the school-house and surroundings in a sanitary condition.

JNO. C. ELLIOT, M.D.,
Public Health Officer for Arrowhead District.

Galena Bay, B.C., June 28th, 1911.

To the Board of School Trustees, Galena Bay School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Galena Bay School, and beg to report as follows:—

Environment of school: Good.
Building, general description: Frame building, one story.
Sanitation, number of water-closets: One water-closet, earthen pit; in sanitary condition.
Window lighting: Two windows, 2 feet 2 inches by 6 feet 2 inches, on each side.
Heating: Box stove; heated by wood.
Ventilation: By ceiling ventilator and windows.
Desks, seating, etc.: Ten seats, seating sixteen pupils.
Number of class-rooms: One.
Number of children in each room: Ten, as an average.
Cubic air-space in each room: 4,212 cubic feet of air-space in school-room.

Jno. C. Elliot, M.D.,
School Health Inspector.

GILL.

The following week I visited this school. The room was warm, dry, and clean, also well lighted and ventilated. There were present seven girls, ages running from nine to sixteen years, and seven boys, ages running from seven to eleven years. These children were all in the best of health, but the same condition existed in respect to neglection of the teeth. The same advice was given to the parents. I also found one child with lice in her head, and at once sent her home, to remain there until she had got rid of them. The water-supply is good. The outhouses are in good sanitary condition.

A. D. Morgan.

(See Alberni and Beaver Creek.)

January 30th, 1912.

To the Board of School Trustees, Gill School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Gill School, and beg to report as follows:—

Environment of school: Placed upon a hill of rock and sand, a road in front, and bush 40 or 50 yards away on south and north sides.
Building, general description: Ordinary wooden building.
Sanitation, number of water-closets: Two.
Window lighting: Six large windows.
Heating: Stove.
Ventilation: Trap-door in ceiling.
Desks, seating, etc.: Twenty.
Number of class-rooms: One.
Number of children in each room: Twenty-six.
Cubic air-space in each room: About 24 by 30 by 12 feet.

A. D. Morgan,
School Health Inspector.

GLENORA.

"HASLAR," GLENORA, DUNCAN, February 3rd, 1912.

The Secretary, Provincial Board of Health.

SIR,—I have the honour to endorse the report of the Health Officer for Glenora School, and to state that his recommendations with regard to the latrines, etc., will be attended to forthwith.

I have, etc.,

H. F. D. STEPHENS,

Secretary to Board of Trustees.

February 1st, 1912.

To the Board of School Trustees, Glenora School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Glenora School, and beg to report as follows:—

Environments of school: Situated on a hill on the side of the road in a clearing about 100 yards square.

Building, general description: Frame building, plastered on inside.

Sanitation, number of water-closets: Two closets, one for boys and one for girls, consisting of four seats in each, over two concrete tanks.

Window lighting: Five windows, twelve panes 18 by 12 inches each, facing south-west; all the windows are on the one side.

Heating: Box stove.

Ventilation: Three ventilators close to the ceiling, with trap-door covers, on east side; also grating ventilator in ceiling.

Desks, seating, etc.: Thirty desks, single.

Number of class-rooms: One room.

Number of children in each room: Sixteen children.

Cubic air-space in each room: 8,736 cubic feet.

General remarks: The concrete closet-tanks require some disinfectant, and should be emptied by pumping out, and a wire grating fitted to prevent children falling in, as might happen at present. The school is in a healthy situation. Some of the pupils have been unable to attend on account of whooping-cough; otherwise the school has been free from infectious disease.

C. M. ROLSTON, M.D.,

School Health Inspector.

GOLDSTREAM.

May 26th, 1911.

To the Board of School Trustees, Goldstream School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Goldstream School, and beg to report as follows:—

Environment of school: Very good.

Building, general description: One-story wood.

Sanitation, number of water-closets: Two, fair only.

Window lighting: Poor.

Heating: Good.

Ventilation: Fair, windows only.

Desks, seating, etc.: Fair.

Number of class-rooms: One.

Number of children in each room: Sixteen on roll; attendance, eleven.

Cubic air-space in each room: 5,900 cubic feet; 349 feet per unit.

EDWARD C. HART,

School Health Inspector.

GRAND FORKS.

Grand Forks, B.C., February 5th, 1912.

Dr. C. J. Fagan,
Secretary, Provincial Board of Health, Victoria, B.C.

Report of Medical Inspection of Grand Forks Public School for Year 1911.

I have made several inspections of the pupils in this school during the year. There were a few epidemics of contagious diseases, especially whooping-cough, and children from infected houses were kept at home as much as possible. Owing to numerous cases not being reported, it was difficult to do this in all cases.

Of other defects which were recommended to be attended to were: Bad teeth, 20 cases; defective vision, 10 cases; adenoids, 5 cases; conjunctivitis, 8 cases; enlarged glands, 4 cases.

As there is no "follow-up" system here, it is hard to get one's instructions carried out properly.

The school building and closets are all in a sanitary condition, and the grounds are well kept and suitable as playground.

Very truly yours,
W. Truax,
Health Inspector.

February 1st, 1912.

To the Board of School Trustees, Grand Forks Public School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Grand Forks Public School, and beg to report as follows:—

Environment of school: Good.

Building, general description: Two-story brick, six rooms.

Sanitation, number of water-closets: Eight closets in good condition.

Window lighting: Good (except in Division V.).

Heating: Rutley heating and ventilating system.

Ventilation: Rutley ventilating system.

Desks, seating, etc.: Sufficient for the number of pupils.

Number of class-rooms: Six in the Public School. Division V. is in a room at the High School building.

Number of children in each room: I., 45; II., 44; III., 53; IV., 53; V., 39; VI., 53; VII., 52.

Cubic air-space in each room: 4,000 cubic feet in each room, except the one which Division V. is in, which contains about 2,600 cubic feet of air-space.

General remarks: The room which Division V. is in is at the Hight School building, and is not in a very good condition. The air-space is small, and there is no water, and closets are all outside privies. The light is not very good either.

W. Truax,
School Health Inspector.

GREENWOOD.

Greenwood, B.C., February 14th, 1912.

To the Board of School Trustees, Greenwood School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Greenwood School, and beg to report as follows:—

Environment of school: Healthy.

Building, general description: Wooden structure, stone foundation; two stories.

Sanitation, number of water-closets: Two flush-toilets in each side of basement.
Window lighting: Adequate.
Heating: Steam.
Ventilation: Smeed, Dowd.
Desks, seating, etc.: Single and double.
Number of class-rooms: Four.
Number of children in each room: Thirty to forty in each of three rooms.
Cubic air-space in each room: 15,750 cubic feet.
General remarks: Basement has a wooden floor, which is kept clean and tidy. Toilets are in good sanitary condition.

J. D. MACLEAN,
School Health Inspector.

HARPER'S CAMP.

February 4th, 1912.

To the Board of School Trustees, Harper's Camp School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Harper's Camp School, and beg to report as follows:—
Environment of school: Open, grassy fields; a healthy situation.
Building, general description: Log building, well banked up.
Sanitation, number of water-closets: Good; two water-closets.
Window lighting: Good; four windows.
Heating: By a large stove; wood used.
Ventilation: Good; by windows.
Desks, seating, etc.: Five desks; twelve children.
Number of class-rooms: One.
Number of children in each room: Twelve.
Cubic air-space in each room: 4,992 cubic feet (26 by 16 by 12 feet).

RENA F. F. CHANDLER,
Teacher.

HARROP.

NELSON, B.C., January 30th, 1912.

C. J. Fagan, Esq., M.D.,
Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—I inspected Harrop School on June 15th, 1911, and am enclosing you the ordinary form filled out. The building is much too small, and the walls are not built solidly enough to keep out the draught. The land and building does not belong to the school section at all, but loaned for school purposes. Would strongly advise that some ground be bought for a school-site and a more substantial building be erected, as there is a good tract of farming land surrounding this particular place.

Yours sincerely,
G. HARTIN.

June 15th, 1911.

To the Board of School Trustees, Harrop School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Harrop School, and beg to report as follows:—
Environment of school: Good.

Building, general description: One-story frame building, 14 by 27 feet; shingle roof.
Sanitation, number of water-closets: One outside closet, cesspit; no sewers.
Window lighting: Six windows, 34 by 66 inches.
Heating: Stove.
Ventilation: Good.
Desks, seating, etc.: Eleven school desks, ordinary style.
Number of class-rooms: One.
Number of children in each room: Fifteen.
Cubic air-space in each room: 4,000 cubic feet.
General remarks: The building is owned by and used as a church by the Methodists of this locality, and allowed to be used by the ratepayers as a school.

G. Hartin,
School Health Inspector.

HEDLEY.

Hedley, B.C., January 30th, 1912.

Provincial Board of Health.

Gentlemen,—I beg to report that in 1911 I made a complete inspection of the Hedley School, and found the building pleasantly situated in a quiet environment, with a southern exposure, and sheltered from prevailing winds. An adequate supply of uncontaminated drinking-water is piped to the grounds. The building contains ample room, only half being in use.

The water-closets, twelve in number, are well ventilated and lighted, and have been kept clean and odourless during the year.

The class-room in use has thirty-five desks, good blackboards which are free from cross-lighting, and is heated by a box stove, ventilated by cold-air intake, ceiling to gable outlet, reinforced by plenty open windows.

On examination of the pupils, one case of myopia (since corrected) and three of hypertrophied tonsils and adenoids (all since operated upon) were found.

No case of infectious or contagious disease occurred in the school since having been requested to act.

I have, etc.,
M. D. McEwen.

February 1st, 1912.

To the Board of School Trustees, Hedley School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Hedley School, and beg to report as follows:—

Environment of school: Residential district; sunny exposure, sheltered.
Building, general description: Departmental two-room plan; well preserved, cleanly kept.
Sanitation, number of water-closets: Two, six seats each; one urinal.
Window lighting: Two-thirds north-east and south-west walls in window-glass; lobbies and porches well lighted.
Heating: Wood box stove.
Ventilation: Cold-air intake and ceiling to gable outlet.
Desks, seating, etc.: Seating forty; regulation desks.
Number of class-rooms: Two; one in use.
Number of children in each room: Thirty.
Cubic air-space in each room: 39 cubic metres per pupil.

M. D. McEwen,
School Health Inspector.

HIGHLAND.

HIGHLAND, May 4th, 1911.

To the Board of School Trustees, Highland School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Highland School, and beg to report as follows:—

Environment of school: Satisfactory.

Building, general description: Fairly good; one-story wood.

Sanitation, number of water-closets: One. Would recommend the use of lime and sand frequently during summer.

Window lighting: Fair.

Heating: Satisfactory.

Ventilation: Satisfactory.

Desks, seating, etc.: Bad. Understand new desks will be supplied shortly.

Number of class-rooms: One.

Number of children in each room: Nine; thirteen on roll.

Cubic air-space in each room: 6,136 cubic feet; say, 440 cubic feet per individual; satisfactory.

EDWARD C. HART,
School Health Inspector.

HOPE.

HOPE, B.C., January 29th, 1912.

The Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—I enclose Form C, Department of Medical Inspection, Public Schools, B.C., which I have filled in, in the absence of a medical practitioner. We have been rather unfortunate in our attempts to get one to act. Dr. Paul agreed to make the inspection required, but there was at that time some little delay in the arrival of the forms from Victoria, and in the meantime he received instructions to transfer his office to Savonas. After some time had elapsed a Dr. Whiteman arrived. He was here for a week, and I immediately arranged that he should take over the work; but he also was transferred at a moment's notice. I then sent word to Dr. Loring, of Yale, but before he could come down his affairs called him to the East. In the meantime I'll make another attempt and see if I can get his successor at Yale to take the matter up.

Yours truly,
V. J. ST. GEORGE.

January 29th, 1912.

To the Board of School Trustees, Hope School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Hope School, and beg to report as follows:—

Environment of school: Open. School-grounds bordered on east by a 100-foot street and unoccupied lots; on north by playgrounds and Court-house lot; on south by playground and open meadow; on west by road and Fraser River; no buildings within 100 feet, and that the Court-house.

Building, general description: One-story frame, just completed; built after Department of Public Works type—one-room, large model.

Sanitation, number of water-closets: Ten; Red Cross Sanitary Closet, System No. 534, supplied by R. Harris & Co., Victoria and New Westminster.

Window lighting: Five windows on south side; light on hyloplate from left; dimensions, 8 feet 3 inches by 3 feet 6 inches; blinds ascend.

Heating: One furnace in concrete basement to burn wood or coal, or combination; two hot-air ducts; also by box wood-stove installed in the school-room to supplement furnace, which is slow in quickly heating premises.

Ventilation: By an aperture (closing at will) in the ceiling and communicating by vent with the air.

Desks, seating, etc.: As supplied by Department of Education, all children being accommodated.

Number of class-rooms: One.

Number of children in each room: Maximum attendance during summer, 22. Present average, owing to winter season, is below that. December, 1911, 15 to 18; November, 14 to 21; October, 17 to 33.

Cubic air-space in each room: Dimensions inside room, 27 by 33 feet 4 inches by 14 feet.

General remarks: Conditions generally may be described as very good, with the exception of a lack of supply of water for drinking purposes and ablutions. However, representations have been made with the object of supplying this deficiency.

V. J. ST. GEORGE,
Secretary, Hope Board of School Trustees
(in the absence of a School Health Inspector).

HORSE CREEK.

February 6th, 1912.

To the Board of School Trustees, Horse Creek School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Horse Creek School, and beg to report as follows:—

Environment of school: School-grounds occupy one-half acre of cleared land enclosed by wire fence. There are a few shade-trees on grounds.

Building, general description: Frame building, 19 by 15 feet 5 inches by 7 feet 6 inches; two rows of four seats each, with wide aisle in middle and a narrow aisle on each side.

Sanitation, number of water-closets: Two water-closets.

Window lighting: Three windows; one facing south-east, one north-west, and one south.

Heating: Room is heated with small-sized heater.

Ventilation: Room is ventilated by lowering windows from top.

Desks, seating, etc.: Eight double desks, seating for sixteen pupils.

Number of class-rooms: One class-room.

Number of children in each room: Thirteen pupils.

Cubic air-space in each room: 2,208.75 cubic feet of air-space.

(MISS) EVA J. DYER,
School Health Inspector.

HOWE SOUND.

January 31st, 1912.

To the Board of School Trustees, Howe Sound School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Howe Sound School, and beg to report as follows:—

Environment of school: The school is situated on one acre of cleared land in a very healthy situation.

Building, general description: Frame building, one story and a half.

Sanitation, number of water-closets: Two closets, six seats in each.
Window lighting: Six large windows in each room.
Heating: Hot air from furnace.
Ventilation: Ventilator in the ceiling of each room and windows.
Desks, seating, etc.: Forty-eight single desks.
Number of class-rooms: Two; one only in use.
Number of children in each room: Thirty-six.
Cubic air-space in each room: 14,144 cubic feet.
General remarks: The building is new and is kept clean; also the grounds and outhouses are in a sanitary condition.

W. H. FAULL,
School Health Inspector.

HUME.

NELSON, February 6th, 1912.

Dr. C. J. Fagan, Victoria.

DEAR DOCTOR,—*Re* Hume School examination. I have examined all the children, and am glad to report: Hearing and sight—Very good. Ear—None. Nose and throat—Few cases of adenoids and enlarged tonsils, which were all told to be treated, and since that date I have operated on some and know of other similar cases. Teeth—Many decayed and in general bad shape; all advised treatment. Speech—O.K. Heart, lungs, etc.—O.K. Skin—Exceptionally clean. Head—Exceptionally clean.

While making examination the school was under repairs. Found the seating-capacity limited and seats in bad condition—i.e., front desk for a small child and seat at back for an older child. The repairs are now over, and I will visit again and report on this later.

Light and ventilation, fair.

Very truly yours,
L. E. BORDEN, M.W.

November 30th, 1911.

To the Board of School Trustees, Hume School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Hume School, and beg to report as follows:—

Environment of school: First-class.
Building, general description: Large, airy, and well situated.
Sanitation, number of water-closets: Being repaired at present; will be good. (Water-closets and urinal since installed.—G. H. PLAYLE, *Secretary.*)
Window lighting: Good.
Heating: Adequate.
Ventilation: Adequate.
Desks, seating, etc.: Desks could be much improved upon.
Number of class-rooms: Three.
Number of children in each room: I., 52; II., 44; III., 38.
Cubic air-space in each room: 13,608 cubic feet.
General remarks: Condition of children very satisfactory. I would call attention to keeping teeth in better condition. I never had the pleasure to see a clearer-skinned lot of children.

L. E. BORDEN,
School Health Inspector.

INGRAM MOUNTAIN.

Midway, February 9th, 1912.

C. J. Fagan, Esq.,
Secretary, Provincial Board of Health, Victoria, B.C.

Dear Sir,—In reply to your letter of January 24th regarding school inspection, I might say that Dr. McLean was notified of his appointment as Inspector soon after I received your approval, since when I haven't heard anything from him regarding the matter.

Yours respectfully,
Stanley L. Bubar.

JAFFRAY.

Cranbrook, B.C., December 9th, 1911.

To the Board of School Trustees, Jaffray School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Jaffray School, and beg to report as follows:—

Environment of school: In need of grass, shrubs, flowers, or trees.

Building, general description: Built of wood; one story.

Sanitation, number of water-closets: Two. The boys' one is not very clean.

Window lighting: Very good; five windows on west, which is correct as the desks are now placed; two on south.

Heating: Satisfactory.

Ventilation: Satisfactory.

Desks, seating, etc.: Nineteen desks in school-room, capable of seating thirty-eight pupils.

Number of class-rooms: One.

Number of children in the room: About twenty-six as a rule.

Cubic air-space in the room: 6,500 cubic feet.

General remarks: The healthiest school I have examined. The pupils are very well behaved. I have had to recommend the parents to have their children's tonsils removed in several cases. I have also had to report on several "dirty heads" (nits in the hair). Miss Darkis has given every help.

T. H. M. Bell,
School Health Inspector.

KALEDEN.

Kaleden, January 31st, 1912.

Provincial Board of Health, Victoria.

Gentlemen,—In reply to your request for a short report on Kaleden School, I beg to say that on the whole the health of school has been good. School last year was housed in temporary and rather inconvenient quarters, the only place available; now our new school is being used and things are highly satisfactory.

School was closed from November 2nd to 16th owing to one of the pupils showing scarlet fever; another pupil took it, not of the same family, and it ended there so far as the school was concerned. I burnt the books these children had been using. School-room was cleaned and well disinfected with formalin on November 14th.

How the first victim caught the disease could not be ascertained. The father told me that the only way he could think of was from ready-made clothing purchased from Eastern department store.

Yours faithfully,
F. Harrison,
Health Inspector.

January 30th, 1912.

To the Board of School Trustees, Kaleden School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Kaleden School, and beg to report as follows:—

Environment of school: School stands in 2 acres of ground; good situation; trees on three sides, open on north side.

Building, general description: Newly built; appears to be well designed. and built of good material, nicely finished.

Sanitation, number of water-closets: Twelve.

Window lighting: Ample.

Heating: Coal-furnace; used with wood at present.

Ventilation: Ventilator in ceiling of each room

Desks, seating, etc.: Sixteen desks, seating thirty.

Number of class-rooms: Two.

Number of children in each room: Twenty in one room.

Cubic air-space in each room: 27 by 36 by 18 feet.

General remarks: The furnace in basement should be better protected. It is doubtful whether furnace will supply sufficient heat for the two rooms; at present only one room is used.

F. HARRISON,
School Health Inspector.

KASLO.

KASLO, B.C., February 7th, 1912.

C. J. Fagan, Esq.,
Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—Please find enclosed copy of Form C, as requested in yours of January 24th, 1912.

Yours,
O. STRATHEANY,
Secretary, School Board.

February 5th, 1912.

To the Board of School Trustees, Kaslo School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of High and Public Schools, and beg to report as follows:—

Environment of school: No alteration since last report, which see.

Building, general description: Same as last year.

Sanitation, number of water-closets: As noted in last report; at present in a fairly good condition.

Window lighting: Same as last reported.

Heating: No alteration since last reported. The objectionable conditions still exist. Temperature at time of my visit to-day, 8.35 a.m.: North room, 75° Fahr.; west room, 55° Fahr.; east room, 62° Fahr.; south room, 50° Fahr.

Ventilation: No alteration since last report.

Desks, seating, etc.: No alteration since last report.

Number of class-rooms: Four.

Number of children in each room: High School—North room, 16. Public School—West room, 30; south room, 38; east room, 48 (average attendance).

Cubic air-space in each room: As noted in last year's report.

General remarks: The flues of register (heating) have been repaired as recommended in last report. The outlet of registers in class-rooms has not been changed as advised. There is no water-supply, the pipes being frozen; this should be remedied. There is no provision in case of fire.

T. Patterson Devlin,
School Health Inspector.

KEDLESTON.

Vernon, B.C., February 5th, 1912.

C. J. Fagan, Esq., M.D.,
Secretary, Provincial Board of Health, Victoria, B.C.

Sir,—In obedience to your request for a short report of the work I have done as Medical Inspector of Kedleston School for the past year, I have to say that, as demanded by the school trustees, I made an inspection of the scholars on May 11th for the purpose of investigating a rumour of skin-disease being prevalent amongst the children. I am happy to say this was not the case. It is true there had been amongst two or three adults in the neighbourhood some skin-irritation, due as much to want of cleanliness as to any other cause, but the children attending school were not affected.

On May 30th I closely inspected the school building and its environment, also the pupils on that day attending school. The report of this, under Form C, I handed to the Board of School Trustees for transmission to you. Further than this, no occasion during the past year has arisen requiring attention on my part.

I have, etc.,
J. Edward Schön, M.R.C.S.Eng.,
School Health Inspector.

February 5th, 1912.

To the Board of School Trustees, Kedleston School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Kedleston School, and beg to report as follows:—

Environment of school: Bush, and a little clearing.

Building, general description: Log.

Sanitation, number of water-closets: Two privies—one for boys with two seats, one for girls with one seat.

Window lighting: Three windows—one north, one west, one east; each 2 by 4 feet.

Heating: Heater-stove.

Ventilation: None except door and windows.

Desks, seating, etc.: Eight desks (double); seating for twenty (two double seats).

Number of class-rooms: One.

Number of children in each room: Nine present to-day; twenty can be seated at the desks.

Cubic air-space in each room: 3,200 cubic feet, approximately.

General remarks: I have nothing to add to my report of last year under this head, save to reiterate that the building, owing to its deficient lighting and ventilation, is quite unsuited as a school-house.

J. Edward Schön, M.R.C.S.Eng.,
School Health Inspector.

KENT.

The following is a short report, as requested, of children and schools in Kent Municipality for year ending 1911:—

About sixty children were vaccinated in early part of 1911. No small-pox was prevalent during the year.

In the early part of May I examined children according to directions received from Department, and found them generally very healthy. My reports as to health of each child is in the hands of principals of the schools, and also Form B in hand of trustees.

About middle of May measles was prevalent amongst children of Agassiz School; sixteen cases altogether. I did not put rigid quarantine on the children, but kept them at home as the cases appeared. The school was fumigated twice. The cases were very mild.

During December one case of scarlet fever developed in Agassiz School. I at once quarantined the whole family and installed a quarantine officer. I lifted the quarantine at the end of thirty-six days. Fumigated the house. No more cases have appeared to date, January 29th. I also fumigated school as soon as case was diagnosed.

I have carefully examined environment, buildings, sanitation, ventilation, desks, and class-rooms of schools at Agassiz, Harrison Mills, and McBride, and found everything satisfactory, except the water-closets at Harrison Mills were ordered to be cleaned, and well at McBride to be cleaned. Both were done. A full report of each school is at present in hand of school trustees.

ROBERT ELLIOT, M.D.

AGASSIZ, December, 1911.

To the Board of School Trustees, Kent Municipality Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Central School, and beg to report as follows:—

Environment of school: Good.

Building, general description: 66 by 32 by 14 feet; basement, 32 by 66 by 8 feet; class-rooms, 32 by 26 by 14 feet; hall, 13 by 39 feet. Entrance-stair to hall, with porch front and back. Frame, white paint, green trimmings.

Sanitation, number of water-closets: Twelve Red Cross water-closets.

Window lighting: Class-rooms face east and west. Windows—Seven on east side, seven on west side, and four on each end.

Heating: Furnace.

Ventilation: Patent ventilation, approved by Department of Public Works, Victoria, B.C.; also windows.

Desks, seating, etc.: Seats for about forty children in each room; seats face north.

Number of class-rooms: Two.

Number of children in each room: Thirty to thirty-five.

Cubic air-space in each room: 11,648 cubic feet.

ROBERT ELLIOT, M.D.,
School Health Inspector.

AGASSIZ, December, 1911.

To the Board of School Trustees, Kent Municipality Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Harrison Mills School, and beg to report as follows:—

Environment of school: Good.

Building, general description: School, 37 by 24 by 13 feet; floor, 6 or 7 feet off ground; class-room, 30 by 24 by 13 feet; porch, east side, 9 by 6 feet; no basement. Building—Frame, white; inside, white. Ten blackboards, situated between windows.

Sanitation, number of water-closets: Two, situated at far end of school lot, about 50 yards from school; drainage good.

Window lighting. Ten windows—three on north and south side, two on east and west side; eight lights in each, 12 by 18 inches.

Heating: Box stove at east end of class-room.

Ventilation: From windows and ventilator in centre of room.

Desks, seating, etc.: Four rows; eight in two rows, six and five in others; seats face west.

Number of class-rooms: One.

Number of children in each room: Thirty to thirty-six.

Cubic air-space in each room: 9,360 cubic feet.

Robert Elliot, M.D.,
School Health Inspector.

Agassiz, January, 1912.

To the Board of School Trustees, Kent Municipality Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of McBride School, and beg to report as follows:—

Environment of school: Good.

Building, general description: Frame building, 36 by 24 by 12 feet; porch, 8 by 6 feet, east end; class-room, 28 by 24 by 12 feet; hall, east end, 8 by 24 feet; blackboard, 24 by 3½ feet, east end; blackboard, east, 10 by 3½ feet.

Sanitation, number of water-closets: Two at west end of lot; both in good condition; drainage good.

Window lighting: Five windows on south side, 7 by 3½ feet; blinds from bottom.

Heating: Box stove, east end.

Ventilation: Three ventilators on north side and one in ceiling; also windows.

Desks, seating, etc.: Fifteen double desks.

Number of class-rooms: One.

Number of children in each room: Twenty-seven; thirty on roll.

Cubic air-space in each room: 8,064 cubic feet.

Robert Elliot, M.D.,
School Health Inspector.

KETTLE RIVER, NORTH.

Grand Forks, B.C., February 5th, 1912.

Dr. C. J. Fagan,
Secretary, Provincial Board of Health, Victoria, B.C.

Report of Medical Inspection of North Kettle River School for Year 1911.

I made one inspection of this school, and found the pupils twelve in number, all healthy. The building is fairly comfortable, but the closets were not in good condition and were recommended to be put in better shape. Owing to the remoteness of this school, it is difficult to keep a good account of the health of the school.

Yours truly,
W. Truax,
Health Inspector.

February 1st, 1912.

To the Board of School Trustees, North Kettle River School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of North Kettle River School, and beg to report as follows:—

Environment of school: Good.

Building, general description: One-story log structure.

Sanitation, number of water-closets: Two closets, not in extra good condition.

Window lighting: Fair.

Heating: Stove-heated.

Ventilation: By windows.

Desks, seating, etc.: Sufficient for the number of pupils.

Number of class-rooms: One.

Number of children in each room: Twelve.

Cubic air-space in each room: About 2,000 cubic feet.

W. TRUAX,
School Health Inspector.

KOKSILAH.

KOKSILAH, V.I., February 12th, 1912.

Dr. Fagan, Provincial Board of Health.

DEAR SIR,—I have pleasure in returning to you Form C. The remark made by Dr. Rolston relative to closet-seats will have my attention within the next day or two.

Yours very truly,
W. PATERSON.

February 8th, 1912.

To the Board of School Trustees, Koksilah School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Koksilah School, and beg to report as follows:—

Environment of school: Situated in a cleared space on gravelly soil in the Village of Koksilah.

Building, general description: Frame; lath and plastered; one story, containing a large vestibule or ante-room, and one class-room.

Sanitation, number of water-closets: One for boys and one for girls; each containing four separate seats over a concrete tank.

Window lighting: Five windows on the north-west side of school, consisting of twelve panes of glass, each 12 by 12 inches.

Heating: Box stove for wood-burning.

Ventilation: Three ventilators opening near the ceiling on the side of the room opposite the windows; also one ventilator in ceiling in centre of room.

Desks, seating, etc.: Thirty-two desks.

Number of class-rooms: One.

Number of children in each room: Sixteen.

Cubic air-space in each room: About 8,640 cubic feet.

General remarks: The closets are situated over a concrete tank, which requires a disinfectant, and this should be emptied before the spring. Some of the closet-seats require renewing.

C. M. ROLSTON, M.D.,
School Health Inspector.

LADYSMITH.

Chemainus, B.C., February 5th, 1912.

Dr. C. J. Fagan, Victoria, B.C.

Dear Sir,—As requested by yours of January 25th, I will give you a short report of my work as School Inspector in Ladysmith during the past year.

I carefully inspected the school buildings, grounds, teachers, and about three-quarters of the pupils (my year not being up when I was compelled to resign owing to a change in residence). The buildings I found in good sanitary condition, being well lighted, heated, and ventilated. The seats and blackboards were also good, and there is no overcrowding, the average number of pupils in each room being about forty to forty-five. The total attendance is about 450 pupils, with eleven teachers.

Up to the present the closets and urinals have no sewer connection, but modern up-to-date water-closets and urinals are on their way from England, and will be installed shortly. Otherwise the sanitation of the school is very good, the location of the school being high and dry and the grounds are large.

The general health of the teachers is in each case good, as is also that of the pupils examined by me (about 300). I did not find a single case of tuberculosis or other infectious disease. Carious teeth, enlarged tonsils and adenoids, and slight errors of refraction and defects of hearing were the commonest disorders discovered, in order mentioned. In each case the parents were advised of the child's defect, and in many, though not in all, these disorders were remedied as far as possible. Of course, there were also a few cases of other diseases, as chlorosis, heart-disease, some skin-diseases, and a few deformities, as club-feet, bow-legs, etc. These also received medical treatment when necessary.

From a medical standpoint, the condition of the Ladysmith School is very good.

Trusting that this will be satisfactory, I remain,

Yours respectfully,
W. T. Ewing.

LANCASTER.

Report of Health Inspection.

On February 1st, 1912, I inspected Lancaster School and outhouses and medically examined the children in attendance, and beg to report as follows:—

The school-house is a very substantial log building, 18 by 24 by 9 feet, with open porch in front. There are six windows, 3 by 4½ feet.

Heating is by means of an ordinary log-heater. The lighting and heating I consider good and adequate.

Ventilation is by means of the windows, four of which were made to open at the bottom only, two opening at top and bottom. Suggested to trustees that all windows be made to open top and bottom. By this means ventilation can be fairly well controlled. Teacher reported that the children and herself suffered from cold feet in winter owing to draught along floor from door. To control this draught, have suggested that the open front of porch be closed and a door made to enter from the side, and so cut off the direct current of air.

There is no water-supply in connection with the school. There are two dry closets provided, the seats of both of which I found to be in a very filthy condition. Suggested that they be regularly cleaned same time as school-room is being done. The school-room, with all furnishings, is thoroughly clean and tidy.

Examined fifteen children, seven girls and eight boys. Of the total number, eight are reported as unvaccinated. All without exception I found clean, tidy, and well clothed.

The health of the children in general is good. Five show slightly enlarged tonsils, while other four show hypertrophy of tonsils very marked indeed, these four being members of the same family. Six had from one to three permanent teeth decayed, and one, a girl, showed very

marked decay, twelve teeth being carious, several on various aspects of tooth, crown, buccal, mesial, and distal. One showed marked contraction of upper jaw, and three showed a crowded and irregular state of the teeth. One showed slight enlargement of thyroid on right side, and one enlarged lymphatic glands in neck. One showed evidence of adenoids. One, a lad, had irregular action of the heart; on inquiry, found he was a cigarette-smoker. One boy very lame owing to partially anchylosed knee-joint, with compensating curvature of spine and deflection of pelvis.

JOHN MATHIESON MACMILLAN,
School Health Inspector.

February 2nd, 1912.

LUND.

December 31st, 1911.

To the Board of School Trustees, Lund School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Lund School, and beg to report as follows:—

Environment of school: Situate 300 feet from water's edge on prominent dry hillside.

Building, general description: Frame, wood; plastered and in good order.

Sanitation, number of water-closets: Two, 150 feet from building.

Window lighting: Main room, eight windows with transoms, green shades; lobby, two windows.

Heating: Stove, burning wood.

Ventilation: Roof and ceiling and top transoms on four windows.

Desks, seating, etc.: Eleven, seating twenty-two.

Number of class-rooms: One.

Number of children in each room: Fifteen.

Cubic air-space in each room: 4,800 cubic feet.

General remarks: School-house clean, healthy; grounds, etc., in good condition; children are in good health.

A. R. MALLORY,
School Health Inspector.

MAPLE RIDGE.

PORT HAMMOND, B.C., January 30th, 1912.

Dr. C. J. Fagan,
Secretary, Public Health, Victoria, B.C.

DEAR SIR,—Yours of 25th inst. to hand, in regard to report of work done as Medical Inspector of Schools.

Late in the autumn I met the trustees, and they informed me that they wished me to take up the work for the past year, for which $100 had been set aside. I did not feel like taking it at this figure, and told them that I would do as much as I could during the fall term and complete the work this term if I were appointed.

In accordance with my agreement, I visited seven of the nine schools in this district, and was prepared to examine all the pupils. On account of unforeseen difficulties, I did not examine the entire school in two instances, but in the other cases examined the eyes, nose, and throat and teeth carefully; also the heart and apices of the lungs.

I found in all twenty-eight cases of tonsils and adenoids that I referred to the family physician, and two cases of heart-disease, besides recommending several to have their eyes examined.

I have not yet met the trustees with regard to this year's work, but hope to do so on February 1st.

I have not yet received the blank for last year's report as Medical Health Officer for this district, which, if you will kindly forward, I will fill in at an early date.

Yours very truly,
S. C. McEwen.

MARYSVILLE.

November 3rd, 1911.

To the Board of School Trustees, Marysville School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Marysville School, and beg to report as follows:—

Environment of school: Excellent.

Building, general description: Wooden, one story, standing well away from other buildings.

Sanitation, number of water-closets: One privy, concrete, for boys, with five seats; one privy, concrete, for girls, with five seats. The smell in these is strong; they need cleaning out, or the free use of chloride of lime.

Window lighting: Five large windows facing north, the light thus falling on left side of each pupil, which is correct.

Heating: One good stove.

Ventilation: Good extraction system.

Desks, seating, etc.: Twenty desks, seating for forty.

Number of class-rooms: One.

Number of children in each room: Eighteen.

Cubic air-space in each room: Over 11,000 cubic feet.

General remarks: The school is beautifully situated, the scholars intelligent, and on the whole their health is excellent. There are, however, a large number with enlarged tonsils. These not only obstruct the breathing, but form a suitable place for the entrance of germs into the body.

T. H. M. Bell,
School Health Inspector.

MEADOW SPUR.

Ymir, B.C., January 31st, 1912.

Dr. C. J. Fagan,
Secretary, Provincial Board of Health, Victoria, B.C.

Dear Sir,—I beg to report that during the year 1911 I visited the Meadow Spur School in the capacity of Medical Inspector, and found the pupils in good health and no one suffering from any complaint that would endanger the health of others. The surroundings are sanitary; and the building, though not imposing in appearance, is quite adequate to present needs.

Yours faithfully,
M. D. Baker,
Medical Inspector.

December, 1911.

To the Board of School Trustees, Meadow Spur School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Meadow Spur School, and beg to report as follows:—

Environment of school: Sanitary.

Building, general description: Log building in satisfactory state of repair.

Sanitation, number of water-closets: Two; well separated from each other and in cleanly condition.

Window lighting: Lighted from both sides, but light is not glaring; about 20 square feet of light on each side, giving about an area equal to one-ninth of floor-space, which is sufficient.

Heating: By wood-stove.

Ventilation: None, excepting that obtained by sliding the windows.

Desks, seating, etc.: Adequate seating-capacity; desks of good style.

Number of class-rooms: One.

Number of children in each room: Nine, the most; room, 21 by 18 by 7 feet.

Cubic air-space in each room: 2,646 cubic feet; 294 cubic feet for each pupil, which is quite satisfactory.

M. D. BAKER,
School Health Inspector.

METCHOSIN.

May 26th, 1911.

To the Board of School Trustees, Metchosin School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Metchosin School, and beg to report as follows:—

Environment of school: Very good.

Building, general description: One-story wood, with porch.

Sanitation, number of water-closets: Two; fairly satisfactory.

Window lighting: Bad.

Heating: Satisfactory.

Ventilation: Bad; windows only; very dusty in dry weather.

Desks, seating, etc.: Satisfactory.

Number of class-rooms: One.

Number of children in each room: Twenty-five on roll; attendance, eighteen.

Cubic air-space in each room: 6,880 cubic feet; 344 cubic feet per unit.

EDWARD C. HART,
School Health Inspector.

MERRITT.

January 29th, 1912.

C. J. Fagan, Esq., M.D.,
Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—I beg to submit the medical report of my examination of the Merritt school-children for 1911, as follows:—

One hundred and fifty children were examined. Defective and decayed teeth—Boys, 46; girls, 36. Enlarged tonsils and adenoids—Boys, 17; girls, 22. Enlarged glands—Boys, 12; girls, 10. Ear-troubles—Boys, 1; girls, 0. Heart-affections—Boys, 4; girls, 4. Eye-troubles—Boys, 4; girls, 3. Defective palate—Boys, 1; girls, 0. Ringworm—Boys, 0; girls, 1. Tongue-tie—Boys, 0; girls, 1.

Respectfully submitted.

G. H. TUTILL,
Medical Inspector.

December 20th, 1911.

To the Board of School Trustees, Merritt School:

I beg leave to advise you that I made an examination as to the general health of all children attending Merritt School; also of all teachers and janitors of same.

A statement as to the physical condition of each child has been recorded. The health of the teachers and janitors is satisfactory.

G. H. TUTILL,
School Health Inspector.

December 20th, 1911.

To the Board of School Trustees, Merritt School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Merritt School, and beg to report as follows:—

Environment of school: Leaves much to be desired.

Building, general description: Four-roomed, one-story wood building, with large, spacious halls; good basement, when finished; general plan satisfactory.

Sanitation, number of water-closets: Satisfactory; twelve for children and two for teachers.

Window lighting: Would suggest awnings on southern and western exposures.

Heating: The system is good, but inadequate in cold weather.

Ventilation: Satisfactory.

Desks, seating, etc.: Division III., would suggest about eight desks of larger size for First Reader class.

Number of class-rooms: Four—Divisions I., II., III., and IV.

Number of children in each room: Division I., children attending, 35; Division II., children attending, 48; Division III., children attending, 55; Division IV., children attending, 61.

Cubic air-space in each room: Sufficient.

G. H. TUTILL,
School Health Inspector.

MIRROR LAKE.

KASLO, B.C., February 6th, 1912.

To the Board of School Trustees, Mirror Lake School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Mirror Lake School, and beg to report as follows:—

Environment of school: Open situation on margin of west side of Kootenay Lake; sheltered from the north, open to south and east; no buildings near.

Building, general description: Wooden frame building, shingle roof; walls double, with paper between; wood-shed at back for fuel; porch entrance, with inner and outer door; floor well raised from ground; foundation boarded in.

Sanitation, number of water-closets: Two closets, set well apart, and of ordinary outdoor kind.

Window lighting: Two two-sash windows on either side; one two-sash window in front near porch; good light.

Heating: One Queen heater at lower end of room, the flue from which passes along ceiling to near other end before entering the chimney.

Ventilation: Only means by raising or lowering window-sashes.

Desks, seating, etc.: Good; ordinary design, varied in size to suit pupils.

Number of class-rooms: One.

Number of children in each room: Seven.

Cubic air-space in each room: 5,184 cubic feet.

General remarks: A supply of dry earth should be provided in each closet. The window ventilation may be always used, provided the lower sash be raised and a solid piece of board fitted to the opening; this will allow a free current of air upward into the room, at middle of window. A screen should be placed round stove, to protect those children in nearest desks from the direct heat of stove. Children should not wear their rubber overshoes during school-hours.

T. PATTERSON DEVLIN,
School Health Inspector.

MOUNTAIN.

EAST WELLINGTON, September 25th, 1911.

To the Board of School Trustees, Mountain School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Mountain School, and beg to report as follows:—

Environment of school: Good.

Building, general description: Good.

Sanitation, number of water-closets: Two.

Window lighting: Good.

Heating: Satisfactory; fire needed now.

Ventilation: Good.

Desks, seating, etc.: Good.

Number of class-rooms: One.

Number of children in each room: Twenty.

L. J. O'BRIEN,
School Health Inspector.

NANAIMO, January 29th, 1912.

To the Board of School Trustees, Mountain School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Mountain School, and beg to report as follows:—

Environment of school: Fine open site, dry, sunny.

Building, general description: Wooden, one-story.

Sanitation, number of water-closets: Two, separate, dry earth; in good shape.

Window lighting: From two sides; sufficient.

Heating: Stoves.

Ventilation: Window, transom.

Desks, seating, etc.: Old-fashioned desks; primary-room crowded.

Number of class-rooms: Two.

Number of children in each room: Senior room, 20; primary, 38.

Cubic air-space in each room: About 10,000 cubic feet in each.

General remarks: I have, in addition, reported on health of each pupil as per form supplied by the Department.

L. J. O'BRIEN,
School Health Inspector.

MOYIE.

February 12th, 1912.

To the Board of Medical Inspection, Moyie School:

I beg leave to advise you that I made an examination as to the general health of all children attending Moyie School; also of all teachers and janitors of same.

A statement as to the physical condition of each child has been recorded. The health of the teachers and janitors is excellent.

BELLE MACLEOD,
School Health Inspector, pro tem.

NAKUSP.

NAKUSP, B.C., February 1st, 1912.

C. J. Fagan, Esq., M.D.,
Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—*Re* medical school inspection. In reply to your instructions in your letter of the 25th Janauary, I beg to report as follows:—

In compliance with instructions laid down by your Board for Medical Inspection of Schools, I have examined all the children in the Nakusp School once each quarter during the year 1911, and have reported to the school managers on the health of the children, the environments and general sanitary conditions of the buildings, etc.

I may say I found the health of the children on the whole very satisfactory. Also, I noted an absence of any contagious or other serious disease. I found no evidence of tubercular disease. I found the teeth in some cases not very good, and also I noticed one or two cases of slight goitre and adenoids.

If this report is not on the lines your Board requires, as the work is somewhat new to me, I should be glad if you would kindly give me some indication or directions as to the form my reports should take in future.

Yours obediently,
R. ARTHUR MOSSMAN.

October, 1911; January, 1912.

To the Board of School Trustees, Nakusp School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of the Nakusp School, and beg to report as follows:—

Environment of school: Healthy and satisfactory.

Building, general description: Frame building; not up to modern requirements.

Sanitation, number of water-closets: Three on the male side and three on the female side; earth-closets of antiquated design, and very short of modern requirements.

Window lighting: Six windows, 6 by 3 feet. There are no blinds, which makes it difficult for the children to see when there is strong light, particularly on the blackboards.

Heating: One stove.

Ventilation: One ventilator in centre of ceiling.

Desks, seating, etc.: Twelve new desks, good; twelve old ones quite unsuitable for modern requirements.

Number of class-rooms: One.

Number of children in each room: Forty (average).

Cubic air-space in each room: 7,452 cubic feet.

General remarks: The health of the children is good. The school-house and closets should be replaced by more modern structures as soon as possible. A good many of the books require to be renewed.

R. ARTHUR MOSSMAN,
School Health Inspector.

NELSON.

The Provincial Board of Health, Victoria, B.C.

DEAR SIRS,—The work I have done as Medical Inspector for the year is as follows:—

I examined each child according to the form sent by the Government, and sent notices of disease or defects to parents or guardians.

I went each morning to school at 9 o'clock and inquired into the cause of absence of each child when they were out of school for two days or over, whenever there were any cases of infectious diseases in the city.

I gave talks in the different rooms on the "Prevention of Tuberculosis," laying great stress on expectorating on the streets or in public places. When examining the children, I gave each child a talk on the care of the teeth, getting promises from them to brush them regularly.

Several times during the year when ringworm or other skin-diseases appeared in the school, I went through the rooms, and looked through their heads and at their hands and arms. I kept out all children with infectious diseases and those coming from homes where they existed.

If there are other things required, I would be glad to do them.

Yours truly,

ISABEL ARTHUR, M.D.

NELSON, February 3rd, 1912.

To the Board of School Trustees, Nelson Public School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Nelson Public School, and beg to report as follows:—

Environment of school: The school occupies a whole block, and the environment is as good as it can be.

Building, general description: Large brick and stone building, with imposing entrance; two stories and a half, with basement; large assembly-hall above and sixteen class-rooms, with halls and stairways; hardwood floors.

Sanitation, number of water-closets: Twenty-four general and two private.

Window lighting: Four left side, others left and back.

Heating: Hot water.

Ventilation: Doors and windows. Fan system not yet installed.

Desks, seating, etc.: From forty to sixty individual seats and desks in each room.

Number of class-rooms: Sixteen; thirteen in use.

Number of children in each room: From forty to sixty in each room.

Cubic air-space in each room: 13,608 cubic feet.

ISABEL ARTHUR, M.D.,
School Health Inspector.

OAK BAY.

VICTORIA, B.C., January 19th, 1912.

C. J. Fagan, Esq.,
Provincial Health Officer, Victoria, B.C.

SIR,—I beg to submit the following report on the medical inspection of Oak Bay School:—

Total number examined, 153. Nutrition—Good, 147; fair, 3. Mentality—Good, 145; fair, 6; poor, 2. Vision—Normal, 147; defective, 6. Hearing—Normal, 151; defective, 2. Defect of nasal breathing, 3. Teeth—Irregular, 1; bad, 28. Hypertrophied tonsils, 30. Adenoids, 1. Enlarged glands, 5. Goitre, 1. Infectious diseases—Nits, 15.

Diseases during year: Varicella, 2; measles, 2; pertussis, 3.

I have found the cards of warning to parents relative to defective conditions in their children fairly well attended to, especially in the case of defective eyes.

I have, etc.,

H. Rundle Nelson, M.D.,

Medical School Inspector, Oak Bay Municipality, Victoria.

January 29th, 1912.

To the Board of School Trustees, Oak Bay School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Oak Bay School, and beg to report as follows:—

Environment of school: Good open space, healthy district, gravel subsoil; grounds well and suitably laid out.

Building, general description: Wood with plaster inside; large basement and very large room in second story.

Sanitation, number of water-closets: Seven water-closets and three urinals.

Window lighting: Large windows, quite sufficient for each room.

Heating: Hot-air furnace.

Ventilation: In upper room by windows and ceiling ventilators; other rooms by large windows; good.

Desks, seating, etc.: Ample in number, well constructed, and well placed for light, etc.

Number of class-rooms: Five.

Number of children in each room: I., 35; II., 41; III., 31; IV., 37; V., 45.

Cubic air-space in each room: I., 9,360 cubic feet; II., 11,044 cubic feet; III., 8,904 cubic feet; IV., 11,350 cubic feet; V., 19,968 cubic feet.

General remarks: The school is thoroughly satisfactory in every way now, the hot-air furnace having been set right and no smoke is now leaking from it. The cubic air-space per pupil is good, but in most cases just below requirements.

H. Rundle Nelson,

School Health Inspector.

OCEAN FALLS.

Ocean Falls, B.C., December 11th, 1911.

Dear Dr. Fagan,—I beg to thank you for your kindness in appointing me School Health Officer for the Ocean Falls School. The reports I am sending by separate cover.

I have followed out the instructions of your circular, and my examination of each child has been thorough. I am pleased to report that the conditions of the scholars here are very good, and I have few complaints to make, with the exception that very few of them have been vaccinated.

Can you furnish me with, say, two dozen vaccine points, and I will vaccinate those who are not vaccinated, and send me bill for same?

I have been very poorly myself, being troubled with œdema of ankles and neck, but I try to take care of myself.

I trust these reports will be correct, and with best wishes,

I remain, etc.,

T. H. Jamieson.

December 11th, 1911.

To the Board of School Trustees, Ocean Falls School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Ocean Falls School, and beg to report as follows:—

Environment of school: Ocean Falls being a new town, it is very good. The school faces a large open field, and no buildings near.

Building, general description: A frame building, 26 by 42 feet, with one class-room, 26 by 34 feet; hall, 8 by 26 feet; and two cloak-rooms, 5 by 14 feet; height of ceiling, 12 feet; plastered inside; shiplapped outside and painted.

Sanitation, number of water-closets: The water-closets at present (two) are built some distance from the school; only receptacles which can be emptied, but we hope by next autumn to have proper flush-toilets and drainage system.

Window lighting: The lighting of school is very good, four large windows on either side, and the desks so situated that the light comes from the back.

Heating: The building is heated by one large stove.

Ventilation: The ventilating system at present is not very good, only by dropping down the upper part of the sash a few inches; but we hope to have this altered shortly.

Desks, seating, etc.: The desks are single, the standard as furnished by the Education Department, and so situated that each child has plenty of space.

Number of class-rooms: One large class-room, 26 by 34 feet.

Number of children in each room: Twenty-one children.

Cubic air-space in room: 10,608 cubic feet.

General remarks: On the whole, the school-house is very good, new, nicely finished, and painted; the surroundings are very good, overlooking the bay, and plenty of play-room for the children.

T. HOWARD JAMIESON, M.D.,
School Health Inspector.

OKANAGAN.

February 5th, 1912.

To the Board of School Trustees, Okanagan School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Okanagan School, and beg to report as follows:—

Environment of school: Good.

Building, general description: One-story frame, in good repair.

Sanitation, number of water-closets: Two, with brick cesspits lined with cement.

Window lighting: Good.

Heating: One stove; use wood; sufficiently heated.

Ventilation: Good.

Desks, seating, etc.: The old desks should be replaced with modern ones; fourteen new ones and five old ones; requires four new ones.

Number of class-rooms: One.

Number of children in each room: Average, 27½.

Cubic air-space in each room: 7,728 cubic feet.

General remarks: The cesspits of water-closets should be relined, and the closets should be separated by a tight-board fence.

B. T. BOYCE,
School Health Inspector.

OKANAGAN CENTRE.

Kelowna, B.C., February 2nd, 1912.

C. J. Fagan, Esq., M.D.

Dear Sir,—I have to report that on February 1st, 1912, I visited the school at Okanagan Centre. The children are of a very healthy stock. I found one case of enlarged tonsils, and a child with bad milk-teeth. I asked the teacher to point out these to the parents, and asked her to advise them to have these points seen to.

Yours faithfully,
J. G. McNaughton.

February 1st, 1912.

To the Board of School Trustees, Okanagan Centre School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Okanagan Centre School, and beg to report as follows:—

Environment of school: Good.

Building, general description: Good.

Sanitation, number of water-closets: Two, one for girls and one for boys.

Window lighting: Eight windows, three on each side and two at end; desks arranged to suit light.

Heating: Stove (wood).

Ventilation: Two lateral inlets, two ceiling outlets:

Desks, seating, etc.: Separate desk and chair for each pupil.

Number of class-rooms: One.

Number of children in each room: Eleven.

Cubic air-space in each room: 16,800 cubic feet.

J. G. McNaughton, M.D.,
School Health Inspector.

OKANAGAN FALLS.

Penticton, B.C., February 8th, 1912.

Dr. C. J. Fagan,
Secretary, Provincial Board of Health, Victoria, B.C.

Dear Sir,—*Re* Okanagan Falls School. In reply to your communication of January 25th, I beg to report that an inspection of the school was made during the year. All pupils attending were found in good health. Recommendations were forwarded to the trustees, in due course, regarding the necessity of renewing the desks, which were unsuitable, and a change in the water-supply for drinking purposes. The school building itself and the environment were quite satisfactory.

Yours faithfully,
R. B. White.

Penticton, November 20th, 1911.

To the Board of School Trustees, Okanagan Falls School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Okanagan Falls School, and beg to report as follows:—

Environment of school: Situated on flat, well-drained land, suitable in every respect.

Building, general description: Ordinary rural school building, well finished; main school-room about 25 by 40 by 12 feet, and ante-room or cloak-room.

Sanitation, number of water-closets: Two box closets, sufficient for size of school. Present wooden boxes should be replaced by galvanized-iron boxes, to be emptied at least once a month.

Window lighting: Ample, and from proper direction.

Heating: Ordinary wood-stove.

Ventilation: From windows and ventilating-shaft in ceiling of main room.

Desks, seating, etc.: Recommend replacing present desks, which are unsuitable, by modern, properly graded desks as soon as possible.

Number of class-rooms: One.

Number of children in each room: Twenty-three, average.

Cubic air-space in each room: About 12,000 cubic feet.

General remarks: I would suggest that some other source of supply for drinking-water used at the school be found, as there is considerable danger of contamination of the present supply, more especially as there is likely to be a number of new settlers locate along or in the neighbourhood of the stream from which the present supply is taken.

Respectfully yours,
R. B. WHITE,
School Health Inspector.

OKANAGAN LANDING.

VERNON, B.C., January 30th, 1912.

C. J. Fagan, Esq., M.D.,
Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—As Medical Inspector for Okanagan Landing School, I submit the following report:—

I have visited and inspected the school and children as requested, and found the school in a sanitary condition; also all the children in very good health.

Yours very truly,
GERALD WILLIAMS, M.D.

January 30th, 1912.

To the Board of School Trustees, Okanagan Landing School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Okanagan Landing School, and beg to report as follows:—

Environment of school: On 1-acre lot, fenced, high and dry.

Building, general description: Government building, one class-room, wood.

Sanitation, number of water-closets: One for girls; one for boys.

Window lighting: 144 square feet.

Heating: Stove.

Ventilation: Four ventilators.

Desks, seating, etc.: Forty desks as furnished by Government.

Number of class-rooms: One.

Number of children in each room: Eleven.

Cubic air-space in each room: 11,583 cubic feet.

GERALD WILLIAMS,
School Health Inspector.

OKANAGAN SOUTH.

Kelowna, January 30th, 1912.

Dr. C. J. Fagan, Victoria.

Dear Doctor,—I inspected Okanagan South School on November 15th, 1911. There were only nine children present. No papers or forms to be filled out. (In fact, I have not received a form yet of requirements, etc.)

I examined each child as to vaccination, disease of skin, eyes, teeth, throat, lungs, and heart (the latter only in cases apparently delicate). Sent notes to those parents whose children were not present to bring them to my office in town, and I would examine them gratis; and wrote note to the parents whose children needed attention to take them to their physician, naming the trouble in each case. I had a chat with the teacher about sanitary conditions, and pointed out improvements needed.

I examined Black Mountain (or Rutland) School in January, 1912. I engaged a room near the school, and examined fifty-four pupils along the same lines, and sent notices to those parents whose children needed attention.

No forms of any kind were on hand; hence, nothing to fill out. Would be pleased to do this if required.

I understand I have been chosen to inspect Benvoulin, East Kelowna, and South Benvoulin Schools, but have not been officially notified.

Will you kindly give me any instructions necessary and any particular forms if required?

Sincerely and fraternally yours,

W. J. Knox.

P.S.—The chief trouble in cases not normal generally was eyes or nose, or throat, and sometimes teeth.—W. J. K.

OTTER POINT.

June 1st, 1911.

To the Board of School Trustees, Otter Point School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Otter Point School, and beg to report as follows:—

Environment of school: Good.
Building, general description: One-story log, with ceiling; new building under construction.
Sanitation, number of water-closets: Two; fair.
Window lighting: Fair.
Heating: Satisfactory.
Ventilation: Poor.
Desks, seating, etc.: Satisfactory.
Number of class-rooms: One.
Number of children in each room: Sixteen on roll; attendance, fifteen.
Cubic air-space in each room: 5,200 cubic feet; 346 cubic feet per unit.

Edward C. Hart,
School Health Inspector.

OYAMA.

Oyama, B.C., February 6th, 1912.

To the Board of School Trustees, Oyama School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Oyama School, and beg to report as follows:—

Environment of school: Good sanitary condition.

Building, general description: One class-room 23 by 28 feet, and one cloak-room 7 by 23 feet, 12 feet high; a new frame building erected in 1911; everything clean and in good condition.

Sanitation, number of water-closets: Two sets of closets, one for boys and one for girls, each containing four seats; Sanitary Red Cross closets, with all necessary vent-pipes; well kept.

Window lighting: To the left of pupils; might be better arrangement of window-shades.

Heating: One stove, sufficient to heat building.

Ventilation: Good; one Burt's patent ventilator, 22 inches on apex of roof, and three ventilators of No. 20 galvanized iron, 14 by 18 inches, in wall opposite windows.

Desks, seating, etc.: More suitable desks required.

Number of class-rooms: One.

Number of children in each room: Eighteen.

Cubic air-space in each room: 7,728 cubic feet (23 by 28 by 12 feet).

WM. H. IRVINE,
School Health Inspector.

PEACHLAND.

I beg to submit my report of medical examination of the pupils, teachers, janitor, and buildings of Peachland School.

My examination of the above took place towards the end of session of 1911. The number of pupils at that time was fifty-six—thirty-one in Junior Division, fifteen in Senior Division, and ten in High School.

The result of the examination was very satisfactory. The physical condition was good, and there was no deformity in any of the pupils. In four pupils there was slight enlargement of tonsils, and in eleven cases there was very slight defect of vision. In the Junior Division there was no history of tuberculosis; in Senior one had a history and in High School two had histories of the said disease—viz., tubercular.

What struck me most in the examination of the above pupils was the number of unvaccinated—thirty-five out of the fifty-six pupils. The teachers and janitor were all in good physical condition.

In regard to the buildings, the site could not have been better chosen. In front you have the lake and behind the mountains, and on either side there is a large piece of ground used as a playground. There are four large school-rooms, three of which are occupied. The rooms are large, well lighted with six windows, and the ventilation is also very good. Behind you have the lavatories, which are kept very clean.

WILLIAM BUCHANAN.

POINT GREY.

January 31st, 1912.

To the Board of School Trustees, Point Grey Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Eburne Public School, and beg to report as follows:—

Environment of school: Situate on high ground facing south; three entrances.

Building, general description: Frame building, concrete foundation and basement; basement floods on account of bad drainage on north side.

Sanitation, number of water-closets: Two outbuildings; no septic tanks.

Window lighting: Left-hand lighting in all rooms.

Heating: Hot-air furnace.

Ventilation: Window; inlets and outlets.

Desks, seating, etc.: Single desks, averaging thirty-five.

Number of class-rooms: Four.

Number of children in each room: First Grade, 42; Second Grade, 38; Third Grade, 25; Fourth Grade, 21.

Cubic air-space in each room: 36 by 27 by 12 feet; 11,664 cubic feet in each room.

General remarks: General condition of school good. Leakage in basement might be remedied.

W. K. Hall,
School Health Inspector.

January 29th, 1912.

To the Board of School Trustees, Point Grey Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of West Point Grey School, and beg to report as follows:—

Environment of school: Situated on a high sandy promontory overlooking English Bay; school building faces west.

Building, general description: Frame building, concrete foundation; foundation north-east corner leaking, so that basement is not dry during rainy season.

Sanitation, number of water-closets: Two outside.

Window lighting: School-room upstairs, northern lighting, also two small windows facing west and two other similar ones facing easterly; room on ground-floor, similar.

Heating: One hot-air furnace.

Ventilation: Window.

Desks, seating, etc.: Forty desks (single) in each room.

Number of class-rooms: Two, one upstairs and one on ground-floor.

Number of children in each room: Forty upstairs and forty-six down.

Cubic air-space in each room: 24 by 35 by 14 feet; 11,760 cubic feet in each room.

General remarks: The concrete foundation in the basement requires repairs to ensure a dry and healthy condition of the whole school building.

W. K. Hall,
School Health Inspector.

January 31st, 1912.

To the Board of School Trustees, Point Grey Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Kerrisdale School, and beg to report as follows:—

Environment of school: Situate on high ground facing south; half stone and half concrete foundation; concrete floor in basement.

Building, general description: Frame building, two stories, southerly exposure; concrete floor in basement.

Sanitation, number of water-closets: Two outside; no connection with septic tanks; permanent inside lavatories for use as soon as water is connected.

Window lighting: Two westerly lighting; left-hand lighting in all rooms; two easterly lighting; all rooms have two windows in ends of rooms.

Heating: Furnace, with registers.

Ventilation: Transom; inlets and outlets.

Desks, seating, etc.: Single desks, averaging thirty-five to forty.

Number of class-rooms: Four; three occupied.

Number of children in each room: Senior, 28; Intermediate, 38; Primary, 29.

Cubic air-space in each room: 24 by 14 by 35 feet; 11,760 cubic feet in each room.

General remarks: The primary-room in this school building, while new, is badly in need of window-shades, as cross-lights exist owing to the system of window lighting.

W. K. Hall,
School Health Inspector.

January 29th, 1912.

To the Board of School Trustees, Point Grey Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Shaughnessy School, and beg to report as follows:—

Environment of school: School situate on comparatively level plot, corner Oak and Twenty-fifth Avenues, just back of Shaughnessy Heights.

Building, general description: Frame building, concrete foundation, and concrete floor in basement; two stories; front of building faces west.

Sanitation, number of water-closets: Two sets closets, four in each; attached to septic tank.

Window lighting: Left-hand window lighting; windows all on one side of each room.

Heating: Hot-air furnace, with registers.

Ventilation: Inlets and outlets.

Desks, seating, etc.: Single; thirty to forty in each room.

Number of class-rooms: Four; three in use.

Number of children in each room: I., 26; II., 40; III., 40.

Cubic air-space in each room: 14 by 30 by 40; 17,640 cubic feet in each room.

General remarks: General condition good.

W. K. HALL,
School Health Inspector.

PORT MOODY.

PORT MOODY, B.C., January 29th, 1912.

Dr. C. J. Fagan,
Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—In regard to work done as Medical Inspector of Port Moody School. As to school location—drainage, water-supply, and sanitary conditions are all that could be desired. The lighting, heating, and ventilation, also position of blackboards in each class-room, good. Desks are of standard makes.

From systematic examination of the pupils during school-year, fifteen children have been detained by Medical Inspector—twelve of pediculosis, two scabies, and one tinea circinata. I notified parents of three pupils with myopia, and recommended them to get proper glasses. One with defective hearing was advised to consult a physician.

No infectious disease or tuberculosis appeared during school-year.

Yours respectfully,
C. RITCHIE SYMMES, M.D.

January 31st, 1912.

To the Board of School Trustees, Port Moody School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Port Moody School, and beg to report as follows:—

Environment of school: Good.

Building, general description: Frame building; two outlets from each room.

Sanitation, number of water-closets: Good.

Window lighting: Good.

Heating: Hot-air délivered by fan.

Ventilation: By fan.

Desks, seating, etc.: Standard single school desks.

Number of class-rooms: Three.

Number of children in each room: No. 1 room, 35; No. 2 room, 33; No. 3 room, 33.

Cubic air-space in each room: 10,300 cubic feet in each room.

C. RITCHIE SYMMES, M.D.,
School Health Inspector.

REVELSTOKE.

To the Board of School Trustees, Selkirk School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Selkirk School, and beg to report as follows:—

Environment of school: Situation of school good; ample grounds, giving good, clear air-space.

Building, general description: New building, well planned; large airy rooms, with wide corridors.

Sanitation, number of water-closets: Sixteen.

Window lighting: School-rooms well lighted on two sides.

Heating: Steam.

Ventilation: Forced ventilation by aid of fan in basement.

Desks, seating, etc.: Size of desks arranged to suit size of children.

Number of class-rooms: Five.

Number of children in each room: I., 38; II., 41; III., 37; IV., 34; V., 31.

Cubic air-space in each room: 11,404 cubic feet.

Wm. Sutherland,
School Health Inspector.

To the Board of School Trustees, Central School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Central School, and beg to report as follows:—

Environment of school: Good. School occupies whole of one block.

Building, general description: Building in good repair.

Sanitation, number of water-closets: Twelve.

Window lighting: Well lighted; windows in two sides of each room.

Heating: Hot air.

Ventilation: In connection with hot-air plant.

Desks, seating, etc.: Desks well arranged, and suitable size.

Number of class-rooms: Eight.

Number of children in each room: I., 21; II., 27; III., 41; IV., 40; V., 40; VI., 28; VII., 26; VIII., 30.

Cubic air-space in each room: 10,626 cubic feet.

Wm. Sutherland,
School Health Inspector.

RICHMOND.

C. J. Fagan, Esq.,
Secretary, Provincial Board of Health.

Dear Sir,—I beg to report as follows for the year 1911, *re* inspection of schools in the District of Richmond:—

Six schools inspected, totalling between three and four hundred pupils. Inspection was made every three months.

In accordance with instructions, a chart is kept of every pupil, and their parents and guardians have been notified whenever necessary. About forty notices were sent out; the only trouble, with one or two exceptions, was errors of refraction, enlarged tonsils, and bad teeth. The exceptions—chorea, anæmia, and mentality.

The teachers were notified to impress upon the pupils, whenever possible, the need of cleanliness and care of the teeth. Wash-basins and pure water have since been installed in every school.

I might mention that I am sorry to say that in most cases the parents have neglected to follow advice given, though two or three notices have been sent.

In reference to the weight of pupils, we have not, so far, arranged for scales to do this.

I find the spaces on the cards for charting pupils too small; one cannot put down all one wishes to, and one has to abbreviate; and if the card is sent to another school, the examiner may not understand it; e.g., take mentality, vision.

Your obedient servant,
W. G. HEPWORTH, M.D.

January, 1912.

To the Board of School Trustees, Richmond Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Lulu School, and beg to report as follows:—

Environment of school: Excellent.
Building, general description: Frame building, one room and lobby.
Sanitation, number of water-closets: Two, ample accommodation; sanitation good.
Window lighting: Good.
Heating: Good; stove.
Ventilation: Good.
Desks, seating, etc.: Twenty-five desks.
Number of class-rooms: One.
Number of children in each room: Thirty-five.
Cubic air-space in each room: 16,000 cubic feet.
General remarks: Everything is very satisfactory.

W. G. HEPWORTH,
School Health Inspector.

January, 1912.

To the Board of School Trustees, Richmond Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of English School, and beg to report as follows:—

Environment of school: Excellent.
Building, general description: Frame; two large rooms, one downstairs and one upstairs; good halls and large basement.
Sanitation, number of water-closets: Two, with ample accommodation; sanitation good.
Window lighting: Good.
Heating: Only fair.
Ventilation: Good.
Desks, seating, etc.: Twenty-five desks in each room.
Number of class-rooms: Two.
Number of children in each room: I., 23; II., 37.
Cubic air-space in each room: 18,000 cubic feet.
General remarks: Nearly all the windows are fixed, so that they cannot be opened at the bottom. It would be better if more of them could be opened, to allow quicker ventilation at recess hour.

W. G. HEPWORTH,
School Health Inspector.

January, 1912.

To the Board of School Trustees, Richmond Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Bridgeport School, and beg to report as follows:—

Environment of school: Excellent.

Building, general description: Frame building, two-story; concrete basement; four large rooms and big hallways.

Sanitation, number of water-closets: Two buildings; five compartments in each one; sanitation very good.

Window lighting: Good.

Heating: Fairly satisfactory.

Ventilation: Good; can be improved upon.

Desks, seating, etc.: Ample and good.

Number of class-rooms: Four.

Number of children in each room: I., 24; II., 14; III., 39; IV., 30.

Cubic air-space in each room: 18,000 cubic feet in each room.

General remarks: Everything is good in connection with this school, with the exception of the windows not being able to be opened. Arrangements should be made so that the lower windows can be opened.

W. G. Hepworth,
School Health Inspector.

January, 1912.

To the Board of School Trustees, Richmond Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Steveston School, and beg to report as follows:—

Environment of school: Excellent.

Building, general description: Frame; single story; two large rooms and big hall.

Sanitation, number of water-closets: Good; two; six compartments in each water-closet and two urinals in boys'.

Window lighting: Good.

Heating: Good.

Ventilation: Good.

Desks, seating, etc.: Twenty-two in each room; each desk for two pupils.

Number of class-rooms: Two.

Number of children in each room: I., 30; II., 38.

Cubic air-space in each room: 18,000 cubic feet in each room.

General remarks: Everything in connection with this school is excellent.

W. G. Hepworth,
School Health Inspector.

ROBERTS CREEK.

Roberts Creek, February 2nd, 1912.

The Provincial Board of Health.

Gentlemen,—I beg to say I have examined the school at Roberts Creek, and have found everything satisfactory. I have made out the regular report and forwarded it to the secretary, who has forwarded it ere this. Trusting same will be satisfactory,

I remain, etc.,
E. H. Lye.

February 1st, 1912.

To the Board of School Trustees, Roberts Creek School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Roberts Creek School, and beg to report as follows:—

Environment of school: Bush; half an acre cleared.
Building, general description: Lumber.
Sanitation, number of water-closets: Two pit closets.
Window lighting: Three windows, 4 feet 6 inches by 2 feet.
Heating: Box stove.
Ventilation: Ventilator and windows.
Desks, seating, etc.: Six desks (double).
Number of class-rooms: One.
Number of children in each room: Seven.
Cubic air-space in each room: 1,512 cubic feet.

E. H. LYE,
School Health Inspector.

ROCK CREEK, LOWER.

LOWER ROCK CREEK, B.C., February 20th, 1912.

To the Board of School Trustees, Lower Rock Creek School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Lower Rock Creek School, and beg to report as follows:—

Environment of school: Healthy.
Building, general description: Wooden; well built; lined with lumber.
Sanitation, number of water-closets: Two; kept clean; no boxes; lime put into pits at intervals.
Window lighting: Adequate.
Heating: Stove. Room is kept well lighted.
Ventilation: Good; windows open from top and bottom.
Desks, seating, etc.: Double; stationary seats; seats adapted to size of pupils.
Number of class-rooms: One.
Number of children in each room: Twelve.
Cubic air-space in each room: 4,320 cubic feet.
General remarks: When arranging for a future water-supply, locate it so that there will be no drainage reaching it from the surrounding country.

J. D. MACLEAN,
School Health Inspector.

ROCKY POINT.

February 2nd, 1912.

To the Board of School Trustees, Rocky Point School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Thomas Argyle School, and beg to report as follows:—

Environment of school: By fencing and outbuildings.
Building, general description: Good; requires new roofing.
Sanitation, number of water-closets: Good; two receiving attention.
Window lighting: Six lights, very good.
Heating: By stove; requires new one.
Ventilation: Good.

Desks, seating, etc.: Twelve rough, condemned twenty-four years ago; sent from Colwood School.

Number of class-rooms: One room, 14 feet 6 inches by 23 feet.

Number of children in each room: Twelve to fourteen.

Cubic air-space in each room: 14 by 23 feet.

General remarks: The desks are rough wood; desks and seats are all in one. These desks were condemned at Colwood School in 1888, and sent to Rocky Point School, and have been in use since. No money in those good old days. It would be a godsend to children and school if something could be done to supply others.

E. J. Fagan,
School Health Inspector.

SAANICH.

C. J. Fagan, Esq., M.D.,
Provincial Health Officer, Victoria, B.C.

Sir,—I beg to submit the following report on the medical inspection of Tolmie School, South Saanich:—

Total number examined, 157. Nutrition—Good, 150; fair, 6; poor, 1. Mentality—Good, 152; fair, 5. Chorea, 1. Pulmonary disease, 1. Skin-disease, 2. Vision—Normal, 146; defective, 11. Hearing—Normal, 157. Teeth—Irregular, 2; bad, 13. Hypertrophied tonsils, 22. Adenoids, 1. Defect of spine, chest, or extremities, 2. Enlarged glands, 2. Infectious diseases—Nits, 32.

Diseases during year: Varicella, 1; measles, 22; pertussis, 11; diphtheria, 5; dysentery, 3; tonsilitis, 4; pleurisy, 1; anæmia, 1; infantile paralysis, 2.

H. Rundle Nelson, M.D.

February 5th, 1912.

To the Board of School Trustees, Saanich Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Tolmie School, and beg to report as follows:—

Environment of school: Open space on side of hill; clay subsoil, rather wet.

Building, general description: Single-story wood; basement (old).

Sanitation, number of water-closets: Dry closets, ten.

Window lighting: Large and well placed, all opening.

Heating: Stoves in rooms.

Ventilation: Good; by windows.

Desks, seating, etc.: Wooden desks for each pupil.

Number of class-rooms: Three and one temporary room; at present a large parochial hall is in use.

Number of children in each room: I., 35; II., 35; III., 40; IV., 49.

Cubic air-space in each room: I., 7,560 cubic feet; II., 6,948 cubic feet; III., 5,544 cubic feet.

General remarks: Cubic air-space per child is below the average required, but has been greatly improved lately by use of extra temporary hall.

H. Rundle Nelson, M.D.,
School Health Inspector.

SALMO.

YMIR, B.C., January 31st, 1912.

Dr. C. J. Fagan,
Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—I beg to report that I visited the Salmo School in the year 1911 in the capacity of Medical Inspector. The pupils were in good health, and none were suffering from complaints endangering others, with the exception that an epidemic of mumps was in the village, and, as it had never been the custom to exclude cases of mumps from school, it was impossible to prevent the spread of the complaint on account of carelessness of allowing children only recently ill to return to school too soon. The surroundings are sanitary; the school building is a modern and good one, but it has reached about its limit. I would say that, with the usual fear of fresh air manifested by most teachers and pupils, it is very unlikely that during cold weather the room will be sufficiently ventilated for its present number of pupils.

Yours faithfully,
M. D. BAKER,
Medical Inspector.

December, 1911.

To the Board of School Trustees, Salmo School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Salmo School, and beg to report as follows:—

Environment of school: Thoroughly sanitary.

Building, general description: Frame building; kept in good repair.

Sanitation, number of water-closets: Two; 20 yards from school-house; separated with board wall; in satisfactory condition.

Window lighting: Lighting, one-sixth of floor-space; quite sufficient. Left side of pupils, four windows, 3 by 6 feet, 72 square feet clear of sash; right side of pupils, four windows, 3 by 3 feet, 36 square feet clear of sash. Windows on right side swing out for ventilation.

Heating: By one wood-stove.

Ventilation: Two windows on right side swing out for ventilation; ventilator in centre of ceiling, 2 by 2 feet.

Desks, seating, etc.: Twenty-three seats; very good. Desks I think little too flat; should have little more slope.

Number of class-rooms: One.

Number of children in each room: Forty.

Cubic air-space in each room: 7,812 cubic feet; 195 cubic feet of air-space for each pupil; 16 square feet of floor-space for each pupil.

M. D. BAKER,
School Health Inspector.

SANDON.

SANDON, B.C., February 5th, 1912.

C. J. Fagan, M.D.,
Secretary, Provincial Board of Health.

DEAR SIR,—According to request, I forward report of work as Medical Inspector of Sandon School.

June 6th, 1912, and January 30th, 1912, inspected school premises. March and September, examined pupils. There were sixteen pupils. On last examination found: Adenoids, 1; defective vision, 1; hypertrophied tonsils, 1.

Respectfully submitted,
WM. E. GOMM, M.D.

January, 1912.

To the Board of School Trustees, City of Sandon School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of City of Sandon School, and beg to report as follows:—

Environment of school: Sanitary.
Building, general description: Frame.
Sanitation, number of water-closets: Dry-earth privies; movable receptacles.
Window lighting: Three sides.
Heating: Coal-stove.
Ventilation: Good; by windows and hall stairway.
Desks, seating, etc.: Good condition.
Number of class-rooms: One.
Number of children in each room: Seventeen.
Cubic air-space in each room: About 10,000 cubic feet.
General remarks: Classes at present held in City Hall.

Wm. E. Gomm.
School Health Inspector.

SOOKE.

Report on Inspection of Schools for Sooke and Adjoining Districts—Colwood, Goldstream, Metchosin, Rocky Point, Otter Point, Sooke Way, and Highland.

Victoria, B.C., June 30th, 1911.

The Secretary, Provincial Board of Health:

Sir,—I have the honour to report that, in accordance with the "Public Schools Act," I have visited all schools in the district, most of them several times, and examined all children attending.

This section contains eight schools, one of which (East Sooke) is closed. There are no very poor persons in the area, and, as it is very thinly settled, the sanitary conditions are good, so very little disease was found among the children, who, without exception, were well nourished.

The situation of the school buildings is in all cases good. They are usually some distance from any other habitation, but the buildings themselves could be much improved upon, particularly in regard to ventilation and lighting. The cubic air-space per pupil appears in some cases to be too low, but as there is no standard laid down in the Act, or elsewhere, I could not recommend any change to the trustees. I would recommend a minimum of, say, 300 cubic feet per inmate.

Water is usually brought from some farm or stream, and nothing objectionable was found. The ordinary country privy was usually used. Some form of dry-earth closet might be substituted with advantage.

This being the first year of inspection, I found that the methods and purposes of the inspection were not very well understood by either the trustees, the teachers, or the parents, but there will not be the same difficulty in future.

Appended is a list of the pupils examined and of the diseases or disabilities noted.

I have, etc.,
Edward C. Hart, M.D.

Colwood School.—Number of pupils examined, 26. Disabilities—Adenoids, 1; defective teeth, 5.

Goldstream School.—Number of pupils examined, 11. Disabilities—Defective teeth, 1.

Metchosin School.—Number of pupils examined, 6. Disabilities—Adenoids, 1; defective teeth, 1. Whooping-cough prevalent in this school.

Rocky Point School.—Number of pupils examined, 8. Disabilities—Defective teeth, 1.

Otter Point School.—Number of pupils examined, 15. Disabilities—None.

Sooke School.—Number of pupils examined, 18. Disabilities—Adenoids, 2; defective teeth, 1.

Highland School.—Number of pupils examined, 9. Disabilities—Myopia, 1; adenoids, 1; defective teeth, 1.

June 5th, 1911.

To the Board of School Trustees, Sooke School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Sooke School, and beg to report as follows:—

Environment of school: Good.

Building, general description: One-story wood, with ceiling.

Sanitation, number of water-closets: Two; fair.

Window lighting: Fair.

Heating: Good.

Ventilation: Fair.

Desks, seating, etc.: Bad; new ones promised.

Number of class-rooms: One.

Number of children in each room: Twenty-five on roll; attendance, eighteen.

Cubic air-space in each room: 5,940 cubic feet; 330 cubic feet per unit.

EDWARD C. HART,
School Health Inspector.

SQUAMISH.

February 1st, 1912.

To the Board of School Trustees, Squamish School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Squamish School, and beg to report as follows:—

Environment of school: Clean and well drained; fencing recommended.

Building, general description: In good repair; floor high; free from draughts.

Sanitation, number of water-closets: Closets, two; recently disinfected; clean.

Window lighting: Twenty-five toward south-west; suitably placed; 75 square feet glass toward north-east.

Heating: Box stove; 30 feet pipe, recently renewed; good draught; plenty of dry wood.

Ventilation: Good; from roof and four high south-west windows.

Desks, seating, etc.: Sixteen double desks; clean and suitable to all pupils.

Number of class-rooms: One.

Number of children in each room: Seventeen.

Cubic air-space in each room: 7,800 cubic feet.

General remarks: Blinds recommended for windows; the sunlight reflected from the white paper is trying to the sight of some of the pupils.

ROBERT JOHNSON,
School Health Inspector.

SUMMERLAND.

SUMMERLAND, B.C., January 30th, 1912.

C. J. Fagan, Esq., M.D.,
Secretary, Provincial Board of Health.

DEAR SIR,—I have the honour to transmit herewith the following abstract of report *re* medical inspection of schools for Municipality of Summerland, a duplicate of which has been already forwarded to secretary of local School Board:—

June 29th—Septic tanks of new Central School building inspected, and found in accordance with specifications.

September 12th, 13th, 14th, and 15th—Inspected scholars at building.

October 25th, 26th, and 31st—Inspection of pupils at office.

November 6th—Inspection of High School pupils at building. Number of examinations and individual records, including those of teachers and janitor, 196; number of buildings inspected, 2; number of class-rooms inspected, 5; number of basements inspected, 1; systems of heating, 2; systems of ventilation, 2; water-supply and distribution, 1; lavatories, 6; grounds, 7.

High School building (formerly occupied as Public School) contains two class-rooms and two hallways used as cloak-rooms. Heating by stove; ventilation, no special provision therefor; lavatories in bad condition.

Central School building—New, well lighted, but deficient in proper ventilation, and lower room crowded. Lavatories in a proper sanitary condition. Have ordered the discontinuance of common drinking-cups and the substitution of fountain-taps at water-supply.

So far but 173 of the blanks distributed, and designated as "Form A1," have been returned, thus leaving the record blanks incomplete at present.

Fifty-three notices to parents or guardians calling attention to the necessity for medical or dental attention were mailed. These blanks (Form D) were not supplied in sufficient quantity.

Not over 15 per cent. of pupils had been successfully vaccinated.

The following table indicates other diseases and defects: Nutrition below normal, 63; mentality below normal, 34; defective vision, 40; defective hearing, 15; skin-diseases, 5; nasal obstruction, 17; deformity of palate, 6; defective teeth, 69; diseased tonsils, 21; adenoids, 8; spec. deformity, 1; cervical glands enlarged, 27.

It would be interesting to know if the Government considers the remuneration offered by the various municipalities for professional services demanding such an expenditure of time and detail a fair recompense for the same.

I have, etc.,

Chas. M. Smith.

P.S.—Some complaint of the inefficient heating of new building has been made, but this would appear to arise from allowing the fires to go down and not renewing them in sufficient time to heat the water in the pipes before the assembly of the pupils.—C. M. S.

December 1st, 1911.

To the Board of School Trustees, Summerland Central School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Summerland Central School, and beg to report as follows:—

Environment of school: New and unimproved.

Building, general description: One-story frame, with concrete basement.

Sanitation, number of water-closets: For teachers, two; for pupils, four for males and four for females, eight in all; sanitation poor. Wash-rooms and closets should not be in same room.

Window lighting: Curtains should have been arranged to drop downward.

Heating: At time of visit, hardly efficient; not started early enough in morning.

Ventilation: No special provision made.

Desks, seating, etc.: Good.

Number of class-rooms: Four.

Number of children in each room: Miss Lewis's room, 48; principal's room, 31; Miss Watson's room, 64; Miss Hunter's room, 31.

Cubic air-space in each room: 18,000 to 19,000 cubic feet.

General remarks: Were all the pupils on the roll in primary-rooms present at one time, the seating and air-space would not be sufficient. The system of providing only a common drinking-cup at the tap is a bad one. There is a more modern and sanitary fixture with a fountain effect which is preferable.

Chas. M. Smith, M.B., M.H.O.,
School Health Inspector.

December 1st, 1911.

To the Board of School Trustees, Summerland High School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Summerland High School, and beg to report as follows:—

Environment of school: Soil stony.

Building, general description: One-story frame.

Sanitation, number of water-closets: Bad. Boys, six open seats, vault system; odour vile. Girls, six open seats, vault system; odour vile.

Window lighting: Windows facing east and west.

Heating: By stoves.

Ventilation: Doors, windows, and through chimney.

Desks, seating, etc.: Efficient.

Number of class-rooms: Two, one unfurnished.

Number of children in each room: Fifteen.

Cubic air-space in each room: 16,800 cubic feet.

General remarks: In regard to water-closets, the caretaker certainly is not fulfilling his duty. The system should be changed and flush-tank or Parkyte system adopted.

CHAS. M. SMITH, M.B., M.H.O.,

SURREY.

CLOVERDALE, B.C., January 12th, 1912.

Dr. C. J. Fagan,
Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—It is impossible for us to send you copy of Form C, as no report has come to hand from the School Health Inspector for any work performed in that capacity in the fifteen schools in our municipality during the year 1911.

I suppose he will send us a report for each school. In that case he would require fifteen forms of C, and we would require the same number if you require a separate report for each school.

Yours,
T. H. WRIGHT,
Secretary.

THRUMS.

REFORT OF HEALTH INSPECTOR.

On November 14th and December 5th, 1911, I inspected Thrums School and outhouses, and medically examined the children in attendance, and beg to report as follows:—

The school-house is a good frame building, 18 by 24 by 9 feet, with a 6-foot verandah in front. It is lighted by five windows, 3 by 4½ feet, and heated by means of an ordinary log-heater. The heating and lighting I consider good and adequate.

The ventilation is by means of the windows, and is capable of being fairly well controlled. I found that apparently, owing to an ill-fitting door, quite a strong draught of cold air along the floor interfered with the comfort and probably the health of the children. In a letter covering my report to the trustees, I suggested that a strip of wood be fitted along the floor at the bottom of the door, against which the door would fit closely; or, better still, the erection of a small porch having the door entering from the side, as this, while not interfering with ventilation, would effectually cut off the direct current of cold air striking the feet of the children. The trustees, I may say, have acted on the first suggestion, so that the evil is considerably modified.

The school-room, desks, forms, etc., were all very clean and orderly.

There is no water-supply provided for the school. There are two dry closets provided for the children, the seat of one of which I found to be in a very filthy state indeed. Recommended that the seats of these closets be regularly cleaned when the school-room is being done.

I examined sixteen children in all, nine girls and seven boys. Of the sixteen, ten are reported as unvaccinated. The children were all clean and well clad, except two or three Doukhobors, on whom there was evidence of pediculosis capitis.

The health of the children I found on the whole good. Two showed a contracted upper dental arch, one being slight, with some irregularity of the teeth, the other being quite marked, with "underhung" jaw and lack of posterior occlusion. All had very fair teeth, a few only of the first permanent molars showing caries. Three showed enlargement of the thyroid, one being quite marked. Two showed slight glandular enlargement in the neck. Five showed tonsils slightly enlarged; two marked hypertrophy.

John Mathieson Macmillan,
School Health Inspector.

February 2nd, 1912.

January 23rd, 1912.

To the Board of School Trustees, Thrums School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Thrums School, and beg to report as follows:—

Environment of school: Is good.

Building, general description: Good frame building.

Sanitation, number of closets: The school-room I found clean and orderly. There are two closets; the seat of one I found covered with filth.

Window lighting: Is quite adequate.

Heating: Heating is good.

Ventilation: Is by the windows and can be fairly well controlled.

Desks, seating, etc.: Desks and seating were adequate in number, and all in good order.

Number of class-rooms: One.

Number of children in each room: I examined sixteen children in all.

Cubic air-space in each room: 3,840 cubic feet.

General remarks: There is a considerable draught along the floor, evidently from a loose-fitting door. This, at least in the winter, is liable to give rise to cold feet, and so militate against the comfort and health of the children. With regard to the condition of the closets, would suggest that the seats be cleaned regularly same time as school is being done.

J. M. Macmillan,
School Health Inspector.

TRAIL.

Trail, B.C., February 3rd, 1912.

C. J. Fagan, Esq.,
Secretary, Provincial Board of Health.

Dear Sir,—Herewith short report on inspection of Trail Public School.

During the year we examined all the children, about 212 in number. The examination was made at our office in Trail Hospital, nurses being in attendance for all the girl pupils.

Hearing, eyesight, and state of the teeth and tonsils was carefully noted, and in all cases of deformity or disease due notice sent the parents. Three cases of tonsils and adenoids were operated on as result of our report. Two cases of hernia were reported and instruction *re* the same given. Three cases of goitre were discovered and two cases of functional heart-disease. Four cases of pediculosis capitis were reported and a few cases of skin-disease.

During the year the buildings have been inspected and suggestions made *re* improvement of the same.

A small epidemic of chicken-pox ran through the city during the summer. No severe cases amongst the children.

A number of cases requiring circumcision was found amongst the boys and duly reported to the parents.

Yours truly,
THOM & COGHLIN, M.D.'s.

January 29th, 1912.

To the Board of School Trustees, Trail School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Trail Schools, and beg to report as follows:—

Environment of school: Excellent.

Building, general description: New school in course of erection; rooms in four different places.

Sanitation, number of water-closets: Two box closets for each; condition only fair.

Window lighting: Ample.

Heating: Stoves; fair.

Ventilation: Fair.

Desks, seating, etc.: Very poor.

Number of class-rooms: Four.

Number of children in each room: Average about fifty.

Cubic air-space in each room: Ample in rooms being used at present and in 1911.

General remarks: The rooms in use are the City Hall room for public meetings, an old church building, and two of the old rooms in use for twelve years.

J. BAIN THOM,
School Health Inspector.

UCLUELET.

UCLUELET, B.C., February 6th, 1912.

DEAR SIR,—In my capacity of Medical Inspector, I have the honour to report to you that I have during year 1911 examined Ucluelet Public School, taking note of conditions prevailing there, and inspecting, individually, the pupils attending the school. The health of scholars was and is good. One had tendency to adenoids; case has been treated. School quite detached from other houses; situated on rising ground near beach; wooden building, with eight good-sized windows. Room heated by stove. The ventilation is attended to by opening tops of some of the windows. Separate desks. Only one room; twelve pupils in all. Cubic space, 6,480 feet. Separate water-closets.

I have, etc.,
CHARLES MACLEAN.

June, 1911.

To the Board of School Trustees, Ucluelet School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Ucluelet School, and beg to report as follows:—

Environment of school: Quite detached; situated on rising ground near beach facing the bay.

Building, general description: Wooden building; in good repair.
Sanitation, number of water-closets: Two water-closets.
Window lighting: Lighting especially good; eight windows.
Heating: Warmed by stove.
Ventilation: Ventilation attended to by opening some of windows.
Desks, seating, etc.: Desks and seating arrangements satisfactory.
Number of class-rooms: One room for all purposes.
Number of children in each room: Twelve pupils in all.
Cubic air-space in each room: 6,480 cubic feet.

Charles Maclean,
School Health Inspector.

VAN ANDA.

Van Anda, B.C., February 10th, 1912.

Secretary, Provincial Board of Health.

Dear Sir,—Yours of January 24th to hand, and contents noted. In regard to the report requested, I beg to state that we have not received any report from the School Health Inspector, as he left here shortly after his appointment, but promised me to come back and inspect the school, but up to date has not done so.

I remain, etc.,
D. Jones,
Secretary, Van Anda School Board.

VANCOUVER.

Vancouver, B.C., January 20th, 1912.

C. J. Fagan, M.D.,
Secretary, Provincial Board of Health, Victoria, B.C.

Dear Doctor,—In answer to your favour of December 26th, 1911, I am enclosing a copy of my annual report for the year ending December 31st, 1911. In this report I have tried to outline our system of medical inspection, and have given a few figures on the school population, the incidence of defects and of contagious diseases. These figures were got up for the benefit of the Board, but, if you desired, we could furnish you with an annual report in which every disease or defect diagnosed would be specified instead of grouping several diseases under one head. If there are any questions concerning our system which you would like to ask, or if you would have any part of it more thoroughly discussed, I shall be at your service.

There is one matter in connection with our class for mentally weak children that I would like to bring before you. The mother of one of the children is a widow and has very poor health. She does not know at what moment she will meet her end. As she has no relatives, she is most anxious to provide for this defective boy. She owns a seven-roomed house in the city which she wants to give rent free to any party or corporation that will convert the house into a home for mentally weak children, but she does not seem to have had much success with her scheme. In reading Dr. Doherty's 1910 report on the New Westminster Asylum, I noticed that he states that there are an increasing number of children being admitted to the institution, and he recommends that a wing be set aside in the New Coquitlam Asylum for the use of children, and that means be taken to educate them as much as is possible. Could you tell me if the Provincial Board of Health considered it necessary to set aside this wing, and, if they have done so, when will it be ready for occupation, and will there be teachers appointed to instruct such children? If you know the number of children in the Westminster Asylum, I would be very pleased if you would let me know how many.

There is another problem in connection with this class that will prove to be interesting. Although many of them, on leaving the class, may be able to shift along in life in a poor way, yet many will not be able to keep their footing, and many of those, while at first seeming able to get along, will sooner or later join the ranks of those that are incapable. It seems to me that the best arrangement would be to have a sort of an industrial school to which the young defectives could go on leaving their classes, and where they would be able to be of service to the community in which they live. When under supervision many of these defectives can turn out excellent work, but when left to their own resources they tend to retrogress until they become useless public charges. I think our Province too small just at present to undertake a scheme of this nature, but I would ask you to give it your consideration, so that provision may be made to deal with the problem when it presents itself.

Yours truly,
F. W. BRYDONE-JACK,
School Medical Officer.

December 31st, 1911.

ANNUAL REPORT ON MEDICAL INSPECTION, DECEMBER, 1911.

W. P. Argue, Esq.,
City Superintendent of Schools.

DEAR SIR,—I have much pleasure in submitting to you the report on medical inspection for the year ending December 31st, 1911.

The following clauses extracted from the 1910 "Schools Health Inspection Act" for British Columbia will indicate the scope of the work:—

"2. The school trustees of every city and of every rural municipality school district in the Province of British Columbia shall appoint one or more School Health Inspectors, shall assign to each Inspector the schools to be inspected, and shall provide them with proper facilities for the performance of their duties as Health Inspectors of Schools and School Children.

"5. (1.) Every School Health Inspector shall forthwith upon his appointment, and thereafter at least once in every school-year, or oftener if required by the school trustees, make a thorough examination as to the general health of all children attending school in the district of which he is such Inspector, and of all teachers and janitors in such district. He shall also carefully examine all school buildings and school surroundings in his district, and shall report to the Board of School Trustees, fully and in detail, the result of such examinations. In such report he shall state whether or not he considers that the condition of health of any child, children, teacher, or janitor (naming them) is such as to endanger the health of the children at such school, and shall set forth his recommendations as to the school buildings and school surroundings.

"(2.) The Board of School Trustees for the district shall forthwith act upon such report, and shall remove from the school any child or children, teacher, or janitor whose health is so reported by the School Health Inspector as being dangerous to children in such school, and such child, children, teacher, or janitor shall not be permitted to return to school in such district unless and until he or they deliver to the Board of School Trustees a certificate in writing, signed by the School Health Inspector for the district, permitting such return.

"6. The school trustees of every school district in the Province shall cause every child in the public schools to be separately and carefully tested and examined at least once in every school-year as to the condition of sight and hearing, of throat and teeth, and as to any other physical disability or defect liable to prevent his receiving the full benefit of his school-work, or as to whether he requires a modification of the school-work in order to secure the best educational results. The tests of sight and hearing may be made by teachers having authority from the Provincial Board of Health. The school trustees shall cause notice of any such defect or disability requiring treatment to be sent to the parent or guardian of the child, and shall require a physical record of each child to be kept in such form as the Provincial Board of Health shall prescribe.

"7. (1.) The school trustees, or teacher in charge, shall cause to be referred to a School Health Inspector (who in such case must be a duly qualified physician) for examination and diagnosis, as follows:—

"(*a.*) Every child returning to school without a certificate recognized by the local health authorities after suffering from or being exposed to any contagious or infectious disease:

"(*b.*) Every child who has been absent on account of illness or from unknown cause:

"(*c.*) Every child who shows signs of being in ill-health or suffering from contagious or infectious disease; unless he is at once excluded from school by the teacher:

"(*d.*) No child so referred to the School Health Inspector shall be permitted to return to school unless and until he delivers to the teacher in charge of the school a written certificate, signed by the School Inspector, permitting such return.

"8. Whenever a child shows symptoms of small-pox, scarlet fever, measles, chicken-pox, tuberculosis, diphtheria, or influenza, tonsilitis, whooping-cough, mumps, scabies, ringworm, trachoma, or any other contagious or infectious disease, he shall be sent home immediately by the teacher in charge of the school, or as soon as a safe and proper conveyance can be found, if such is necessary, and the Local Board of Health and school trustees shall at once be notified by such teacher.

"9. The Provincial Board of Health shall prescribe the directions for tests of sight and hearing, and shall prescribe and furnish forms for test-cards, blanks, record-books, and other useful appliances for carrying out the purposes of this Act.

"10. The School Health Inspector shall have supervision over all physical exercises of pupils attending school, and in special cases may modify or prohibit such exercises."

Though the City Medical Officer is responsible to the city and the School Medical Officer responsible to the City Board of School Trustees, yet both are responsible to the Provincial Board of Health. Both work to improve the health of the community, and though in the great part a very sharp line can be drawn between the work done by the two officers, yet there are times when the work of one will overlap the work of the other. This we have found to be no cause for friction. We keep in daily touch with each other in regard to the health of the city, and as School Medical Officer I have always given immediate attention to any matter in connection with the schools which could be of help to the City Medical Officer. The two departments work harmoniously together and each is a great necessity to the other, particularly in regard to the control of infectious diseases such as small-pox, chicken-pox, measles, scarlet fever, mumps, diphtheria, whooping-cough, tuberculosis, infantile paralysis, etc. Whenever such a disease occurs in the family where there are children attending school, the City Health Department immediately notifies the School Medical Officer. The school is visited, and the necessary steps, such as fumigation, repeated inspection of the class for a number of days following, during which time there may be a possibility of the disease developing in some other pupil who has been exposed to the disease when the affected pupil was attending school, the burning of infected books, etc., may be arranged for. The schools in turn immediately notify the City Health Department, besides the School Medical Officer, whenever they have reason to suspect an infectious disease in the family of a pupil. The Health Department investigates the case, and if the disease is present the school is immediately notified. In many places it is the custom of the School Medical Officer to visit these suspected homes, but we believe that it is better for the School Medical Officer not to visit them, as he might be the means of carrying the disease to the school, where he is in contact with so many each day.

The work of examining the pupils in school falls very distinctly under two heads: (1) Examinations for cleanliness and the presence of communicable diseases; and (2) physical examinations. The staff consists of two doctors, one a full-time officer appointed in January, 1910, and the other a half-time officer appointed a few weeks ago and who begins work on the 10th inst. There are two nurses, one appointed in March, 1910, and the other in August, 1911, both giving full time from 9 a.m. till 5 p.m. to the work.

The work done by the doctor consists in: (1.) Physical Examinations. A schedule of visits for the term to each school is arranged to take place on a day when there is a free classroom in the school which the doctor can use while examining the pupils. The whole half-day is spent making physical examinations. The classes are taken in turn—girls and boys, of course,

separately. Also special examinations are made whenever a teacher has such a case to refer to the doctor. Each school will receive at least two half-day visits a month from the doctor and some a weekly visit. (2.) Examinations of classes in which a case of infectious disease has occurred. (3.) Examinations of the sanitary conditions of the school at each visit, and of the heating, lighting, and ventilation whenever necessary.

The work done by the nurses consists in: (1.) Assisting the doctor while making physical examinations by preparing the children, by recording the child's physical condition on the "Physical Record" card, and by sending notices of physical defects to the parents. A few days after sending such notice the nurse visits the home and explains the necessity for treatment. Records are kept of each case requiring treatment, and such a case is kept in view and visited till treatment is obtained. (2.) Examining children for cleanliness and the presence of communicable diseases (desquamation, scarlet fever, etc.). For this work there is a definite schedule of visits for each school, and it is the aim to examine the pupils of each school once every two months. Unclean children receive notices for clean clothes and a bath. If they do not follow instructions, they are visited. Children suffering from pediculosis, if vermin are present, or if there is a probability of vermin being present, are sent home with the necessary instructions for treatment. They are visited within two days, and if in condition are readmitted to school. If they do not show evidence of careful attention, the nurse goes over the treatment with the mother and arranges to see the child at the school within a few days, when the child will be readmitted if fit. These children, together with those that have "nits," are seen weekly by the nurse until the parents have removed all the nits. The parents are repeatedly urged to remove the nits until the child's hair is free from them. Children suffering from itch and ringworm are also sent home and are referred to the School Medical Officer for diagnosis. These cases are also visited, and if the circumstances are needy, directions for treatment are given. Children suffering from ringworm can only be readmitted by the School Medical Officer, who has the necessary apparatus to make the required microscopical examination. If the nurse discovers a child desquamating or suffering from one of the infectious diseases, she immediately isolates the case and sends for the school doctor. A list of the excluded children and those under observation is given to the teacher. The names of children who fail to present themselves at the appointed time for examination, or who fail in carrying out the necessary treatment, are given to the attendance officer, who may use any pressure that is necessary to cause the parents to clean their children and present them for examination. In order to facilitate the readmission to school of these children that have been absent from school on account of sickness, infectious or contagious diseases included, the School Medical Officer has the hours 4 to 5 each school-day in his office at the School Board building.

At the visits to the schools the nurse sees that the "Physical Record" cards of a class are up to date—that the visions, etc., have been taken, so that when the doctor goes to the school there will be no loss of time in beginning his physical examinations. As indicated, the nurse frequently visits the homes. Here she sees what influences the home will have on the health, the cleanliness, and the morality and the educational progress of the child. It is her duty to give the mother information, when required, that will enable the family to live more hygienic lives. Advice on ventilation, clothing, care of the infant, amount of sleep required by the child, etc., is frequently given.

The work of the doctor and the nurse has been shown, but the teacher also does a great deal, and without the teachers' co-operation medical inspection would fall very short of its possibilities. The teachers' work consists of the following: Sending out with new pupils a small "Medical Information" card enclosed in an envelope, which is signed by the parents. The information so obtained is transferred to the "Physical Record" card (5 by 8 inches in size). The "Medical History" and findings are kept on one side of the card, and the pupil's educational progress, his address, etc., are kept on the other side of the card. Each pupil has a "Physical Record" card. Each class is alphabetically arranged, and the cards of the class are placed in a cabinet provided for the school. The teacher for each class keeps her classes' cards in order and up to date, as far as the school progress is concerned. The teachers also do the testing for vision, which alone would provide a year's work if the school doctor had to do it himself. The children are tested at 20 feet. Each eye is tested separately, and the number

of the line (the number of feet at which the line should be read) last read by the pupil is recorded in the place indicated on the card. The vision-card is placed in a good light, with 20-foot line on a level with the pupil's eyes. If by this test a pupil's eyesight is found defective, he is referred to the School Medical Officer, who has received special training, for further examination. Besides the vision-test, each child is asked if he suffers from any of the symptoms of eye-strain, which are named at the time he is examined physically. If the teacher notices that a child is slightly deaf, "X" is placed in the column after deafness, so that an examination of the ear may be made. The teacher indicates attendance by "R" for regular and "I" for irregular. Proficiency is indicated by "a," excellent; "b," good; "c," fair; "d," bad. This information the School Medical Officer finds of great value, for it indicates to him that a child must receive a more thorough examination to find the cause of irregularity in attendance or of backwardness in his studies.

There is a space for height and weight on these cards, and in the coming year records of the same will be made as soon as we can get the necessary scales in the schools.

When filling in the "Medical History," if a child has had one of the diseases named, place "X" in the vacant space following the name of the disease; if the child has not had the disease, the space is left blank, so that it can be filled in if the child subsequently contracts one of the diseases. This "Physical Record" card will accompany the pupil from the receiving class till he graduates from the University in our city. If a pupil is transferred to another city school, his "Physical Record" card is sent to that school by mail. If the child's future city address is not definitely known, his card is sent to the School Medical Department, and a copy of the report will be sent to the Provincial Board of Health, from where it may be obtained by the school to which the pupil finally goes. The cards of pupils who leave school are dealt with similarly. Besides this, the teacher immediately notifies the City Health Department and the School Medical Officer when she has reason to believe that there is an infectious disease in the home of one of her pupils. If a pupil breaks out in sores—a ringworm, etc.—between the visits of the nurse and the doctor, the case is reported to the doctor, and the child sent to the doctor's office in the School Board building for examination. Blank forms are provided in order to expedite the work of the nurse and the teacher in sending notices.

As indicated in the previous pages, we have instituted the beginning of a small school clinic, the work done at the present being limited to the examination of children seeking readmission to school after illness, after suffering from the infectious diseases, and for special examinations. It will be our aim in the future to enlarge the work by providing children in families suffering from financial stress with examinations for glasses when the eyes are defective, treatment for discharging ears, ringworm, itch, impetigo, pendiculosis, running sores, etc. Every case will be fully investigated before treatment is given, and if they can be persuaded to go to a doctor for advice, this will be done, and it will be our care to see that the doctor's treatment is carried out. Children requiring operations, etc., will be referred to the hospital. If possible, a dentist-chair will also be put in the clinic rooms, so that the teeth may also receive attention.

Up to the present there has been no free dispensary in Vancouver, but this week a small beginning under the auspices of the Associated Charities will be made. Rooms and drugs, etc., for this purpose have been provided in the old hospital building. The Vancouver Medical Association are providing the doctors to carry on the work. Much good will be done and a great deal of distress will be relieved. It is, I think, much better to have school-children attend a school clinic. If they were to attend a free dispensary, they would be thrown in contact with many undesirable characters and influences. Besides, it has been generally found that the free dispensary or hospital has not the accommodation or the time to provide treatment to the number of school-children who need it and apply for it. However, we have not started a school clinic of this character yet, and it may be some time before we do, but such a clinic I shall strongly recommend.

In connection with the school buildings there is not much to say. The new buildings will be modern in every respect and absolutely fireproof in construction. The Plenum system of ventilation is used, the air entering the rooms at 65° Fahr. The air in the room will be changed every five minutes, and in order to prevent draughts a dispersing apparatus will be placed inside the opening of the inlet register. Arrangements will be made to supply any additional moisture required to the fresh, warmed air. In the high schools and larger buildings the air will be

washed before it is forced into the rooms. In these schools as well steam-radiators (high-pressure system) will be placed in the rooms to supply any additional heat required. In the other schools the low-pressure system will be installed. The rooms measure 24 by 32 by 12 feet. They will be lighted from the left side only, and the window area in clear glass will be one-fourth of the floor area. In the majority of the rooms artificial light (electric) will also be placed, so that the rooms may be used by night classes. The rooms could not be better lighted. The cloak-rooms will be well lighted, heated, and ventilated. The floors are of cement, but are covered with thick linoleum. The seats in the rooms are adapted to the size of the majority of the class, but in each row there will be adjustable seats for those that are larger or smaller than the average. The lavatories have tiled floors and walls and are lighted, heated, and ventilated. The individual water-closet is used, and each automatically flushes after use. Compartment urinals are used with one long trough at the floor-level. The main lavatory will be placed in the basement, but there will be an emergency single lavatory on the upper floor. In these schools drinking-fountains are installed in suitable places. Sanitary-paper (tissue) towels are placed conveniently to the wash-basins for the purpose of drying the hands. Toilet-paper in patent holders to prevent waste are in each lavatory.

In my last annual report several schools were mentioned which needed improvements in lighting, heating, ventilation, and sanitation. This required a considerable amount of money, which the School Board were fortunate enough to obtain. Plans were made to make the alterations during the summer holidays, but owing to the lengthy strike which then occurred the Board were compelled to lay the matter over till next summer. When making these improvements, I would strongly recommend that shower-baths be installed in the schools situated in the crowded centre of the town. Large numbers of children attending such schools live in a very humble way. Many live in two-roomed tenement cabins that have practically no light or ventilation. Some cabins have no baths; those that have charge $1 for three bathings. A mother is not allowed the privilege of bathing a couple of children at one time unless it is counted as two baths. Bathing to such people is a very expensive necessity, and is frequently put off as long as possible. It has been found in schools where showers and free baths have been placed at the disposal of the children that they have been greatly used, the pupils taking a keen enjoyment in bathing themselves. The children have become cleaner and healthier, and the air in the class-room has become a great deal sweeter and purer, much to the comfort of the children and the teacher. The schools where these showers are needed most at present are the Seymour, Strathcona, and the Central. Later on the Mount Pleasant and the Dawson, etc., will have very congested districts around them, and they will need shower-baths installed.

It is in connection with the buildings that the janitors render good service to the Medical Department. The dust problem is dealt with by the use of a preparation of oiled sawdust which is used when sweeping the linoleums. In the old schools the wood floors are oiled two or three times a year. This keeps the dust down very effectively. When it is necessary to fumigate a room, the janitor pastes over all openings in the room with newspaper. Two large pails are put in the room, and in each of these is placed a pint of formalin and half a pound of potassium permanganate. The door is then locked and sealed over. A chemical reaction takes place, and the room becomes densely filled with formaldehyde gas, which is an efficient disinfectant. After twelve hours the room is opened up and thoroughly ventilated. Infected books are burned, and the desks and floors, etc., washed with Izal fluid, one part to 200 parts of water. This diluted liquid disinfectant is also used for washing the seats of the water-closets and for using once or twice a week on the lavatory floors. In some of the older schools with cement floors in the lavatories Izal powder is frequently dusted on the floor. The use of this disinfectant in lavatories has done much to keep them sweet-smelling.

A class was started last February under Miss Dauphinee, a nurse and a teacher of marked ability, for children suffering from mental defects. The class was limited to twelve pupils, and proved so successful that at the beginning of the fall term it was necessary to form a second class, which was placed under Miss Kerr, who has displayed a great deal of enthusiasm for her work and has spared no pains to make her class a successful one. The two classes are conducted in the Central School, which is placed in the heart of the city. Many inquiries are constantly made about these classes, and it may be soon necessary to form a third.

While on the subject of special classes, it will be in order to state that it will soon be necessary to begin a class for children suffering from defective eyesight.

The course in physical culture outlined by the Strathcona Trust is a very excellent one and is calculated for the all-round development of the child. The exercises are graded and are adapted to the simultaneous use by the pupils of both sexes. A class receives from three to five minutes' exercises several times daily between lessons, in order to relieve cramped positions and to facilitate the removal from the brain of the fatigue-producing products which result from the use of the brain. Before exercising, the windows and doors in the room are opened and every child blows his nose, using the handkerchief. This enables them to breathe freely through the nose, besides fostering a cleanly habit. Children suffering from physical deformities are recommended to take special corrective exercises. Those who suffer from physical defects, etc., are to have the exercises modified to their requirements, or else, if necessary, may be excused from taking them.

In my last report I stated our desire to begin a series of lectures to the older girls on such things as home nursing, care and dress of the infant, etc., but on account of the rush of work we were unable to carry out our plans. It is very likely that we shall be able to begin these lectures next spring.

From the view point of the School Medical Officer, the teaching of music in the schools does much good. Besides developing the child's æsthetic nature, it teaches correct breathing and voice-production matters which must receive the greatest care in the treatment of stammerers and children suffering from defects of speech. We find music to be particularly valuable in the education of the mentally weak, who only learn by directing attention particularly to the special senses, sight, hearing, etc.

There are many other aspects of school medical inspection, such as open-air schools, supervised games, and playgrounds, free lunches, etc., all of which are receiving attention at the present time; but, as the space is limited, I shall conclude the report by giving a few figures and by enclosing the report of Miss E. G. Breeze on school nursing. Both Miss Breeze and Miss McLellan, our school nurses, have worked assiduously to obtain the best results in the good work they are following, and both deserve a great deal of praise for what they have accomplished. I must express my gratitude to the School Board, the teachers, instructors, and officials with whom our work has brought us into contact for their hearty co-operation and assistance in the work of medical inspection.

Respectfully submitted,

F. W. Brydone-Jack,

School Medical Officer.

Figures re Medical Inspection for the Year ending December 31st, 1911.

Number of schools	25
Number of pupils enrolled	11,385
Number of school visits	651
Number of pupils inspected	47,260
Number of physical examinations	6,879
Skin—	
Alopecia areata	3
Eczema	6
Impetigo	18
Pediculosis	990
Ringworm	51
Scabies (itch)	62
Unclean	120
Pulmonary diseases	67
Circulatory diseases—	
Anæmia	780
Heart-affections	94

Glandular diseases—	
Enlarged and palpable cervical glands	3,148
Enlarged thyroid	142
Enlarged tonsils and adenoids	1,822
Tonsilitis	29
Deformities—	
Spine	7
Miscellaneous	59
Eye-trouble	952
Ear-trouble	297
Defective teeth	3,615
Vaccinations	296
Mentally defective	40
Number of pupils excluded	753
Number of pupils readmitted	846
Number of notices *re* physical defects	5,451
Number of home visits	905
Number of examinations at office	2,202

REPORTED CASES OF CONTAGIOUS DISEASES FOR THE CITY OF VANCOUVER FOR THE YEAR ENDING DECEMBER 31ST, 1911.

	Small-pox.	Chicken-pox.	Measles.	Scarlet Fever.	Mumps.	Diphtheria.	Whooping-cough.	Typhoid Fever.	Acute Poliomyelitis.	Spinal Meningitis.	Skin-diseases.	Tuberculosis.
January	3	9	10	29	2	7	10	4	2	1	..	15
February	5	6	10	43	..	4	10	8	1	..	..	4
March	11	5	8	68	4	9	12	3	2	..	..	..
April	9	6	43	28	18	15	21	6	..	..	..	18
May	10	5	114	39	45	16	5	8	1	..	..	2
June	..	8	71	38	34	5	5	8	..	..	..	13
July	2	5	35	39	10	16	..	11	1	..	..	9
August	2	..	5	23	7	18	..	32	..	1	..	9
September	2	1	7	15	9	18	..	69	..	2	..	4
October	5	4	43	19	7	15	..	32	..	..	..	7
November	..	..	49	8	18	16	2	14	..	..	..	7
December	..	7	94	9	12	14	1	11	1	..	..	5
Total	49	56	489	358	166	153	66	206	8	4	..	93
No. school age	5	30	158	151	107	41	10	1	..	..	1,250	..
Total deaths	..	..	4	12	2	19	2	29	2	5	4	100
1910 cases	16	193	790	168	13	57	85	265	30	4	977	76
Deaths	..	..	2	3	..	3	1	27	2	3	..	98
1909 cases	18	112	418	168	138	49	258	142	..	1	174	66
Deaths	..	..	..	10	1	3	6	7	..	..	..	71
1908 cases	41	164	327	51	150	93	89	83	..	7	1,349	71
Deaths	..	..	3	1	..	8	..	7	..	6	..	72

N.B.—Many cases not reported.

Dr. F. W. Brydone-Jack,
School Medical Officer.

Dear Sir,—I have much pleasure in submitting to you a report on medical inspection as it affects the school nurse.

During the past year the work of the school nurse has assumed much larger proportions. This is not altogether due to the growth of the school population and the consequent increase of schools, but to the realization of the necessity of opening up new lines of work. As the work of medical inspection progresses, one thing after another arises and demands that notice be taken of it. These calls often become so insistent that it sometimes appears to the workers that the whole efficiency of their department is being threatened by their inability to accomplish what seems so necessary. This was borne in on us so forcibly during the spring term that it was decided that an addition to the nursing staff might enable us to carry out our plans for the enlargement of our usefulness. With the opening of the fall term, however, we found such an increase in our school population, and it seemed such a necessity for very frequent visits to schools, that it was decided that once more we should put aside our plans for the extension of our work and confine our energies entirely to inspections, physical examinations, and home-visiting.

In the coming year we are hoping to plan our work so that at least a small beginning may be made in the extension work. Our plan is to give the older girls in the public schools a short course in home nursing. Every woman is called upon at times to care for sick people, and many times is at a loss to know how to do the very simplest things that mean such a great deal in the way of comfort to a sick person. We do not propose to make trained nurses, but simply to teach them how best to do some of the minor treatments for which trained assistance would in most cases be considered unnecessary, but which, if properly applied, would produce much better results. Among these things are the proper preparation and application of mustard plasters, poultices, fomentations, etc.; also what to do in cases of emergency, and how to care for and feed infants. In many cases infants are left almost entirely to the care of young girls while mothers go to work. These girls know nothing of the proper care and feeding for these babies, and many of the mothers know little more. The result is that every year many babies die simply from illness which in the majority of cases is caused by ignorance. We feel that, if we can teach the girls a few of the principles underlying the feeding of infants and the proper care of them, some of the babies will be better protected, particularly during the summer months, when the dangers are greater for them. Besides this, we will be preparing the girls to meet some of the responsibilities of life in a more intelligent manner. This we think will cover the ground at present; later on we hope to enlarge on this plan and teach the High School girls many useful things.

The majority of Vancouver's school-children come from good homes, though there are many who are living in most unsanitary places and in a most unhealthy way. The number of families living in cabins is decreasing, though many still live in rooms over stores, nearly all of these being in old wooden buildings which are dark, damp, and musty. There are many, too, in shacks and old, almost tumble-down houses that one wonders have not long ago been condemned as unfit for human habitation. The odour of these places is characteristic, and so heavy and penetrating that it can be readily detected upon the children in school. Among the foreigners, Italians, Greeks, and Russians, many cases of overcrowding are suspected, and in one case we found a family of seven, not including three boarders, living on a small scow, in two rooms. One of the children was tuberculous and we strongly suspected the father of the same trouble. Through our efforts they dispensed with the boarders and moved into a house with four rooms, which was a vast improvement for them. Another case which shows the type of homes in the poorer part of the city is that where a mother and three children are occupying a room about 18 feet long by 8 feet wide; the back part of the room is curtained off to serve as a home for the family and the front is used as a store. All around in both home and store are piles of old clothing, for it is by buying and selling old clothes that the mother supports the family, as the father is in the Westminster Asylum. I might add that this "home" is entirely lacking in any sanitary arrangements. Last summer the little baby of this home died, and one can scarcely ask why—improper feeding, improper air, and ignorance.

This case was reported to the Health Department to ascertain what could be done to relieve these conditions, or if arrangements could be made to remove the children to some of the institutions; but though the authorities agreed that it was a most unsanitary place and not fit for children, still they did not see that anyhing could be done while the present unsatisfactory by-laws were in force. In the near future they hoped to have the revision of the by-laws completed, so that such conditions could be satisfactorily dealt with.

The home visits are a very important feature of our work. The school nurse is something more than a name to the mothers, for we find that a great interest is taken in what we try to teach the children. The difference between a vague somebody called the school nurse and a real flesh-and-blood acquaintance means the difference between an effort for better things—cleanliness or the treatment of a defect, as the case may be—or an indifference to the whole thing. The school nurse must be adaptable, tactful, and sympathetic to obtain the greatest success in home-visiting. The people at whose homes it is necessary that she should visit are usually suspicious of her and her intentions. If the nurse can make the mother feel that she is a friend and has come to see her in a friendly way, half the battle is won. This is essential, for unless the confidence of the mother is gained very little can be accomplished. This is frequently a very difficult task and one that is sometimes quite unsuccessful. Very often it is impossible to gain an entrance to a home, and the nurse is forced to deliver her message through a 6-inch opening of the door. Then, again, many times we are listened to passively and every statement agreed with, but we leave the house feeling that it was anything to get rid of us, and that things would continue in the same old way. Of all the branches of school nursing this is the most important, most difficult, and most discouraging.

School nursing is a specialty, and, like all special work, requires special qualifications, training, and preparation. In many of the Eastern cities courses in school nursing are given in connection with the schools, and all nurses intending to take up school-work are required to take this course, which usually lasts one month, and at the end of this time a certificate is given. This had not been considered in connection with our work until last September, when a nurse interested in the work and hoping to take it up applied to us to give her a course. She was with us for one month, and had she been remaining on the staff would have been capable of taking charge of a group of schools without further loss of time. This experiment proved to us how very satisfactory it would be to have nurses come to us familiar with the aims and objects of the school-work, with an insight into the methods, and a general knowledge of school nursing. We would suggest that in the future the necessary qualifications for positions on our nursing staff include such a course taken either here or in some other city.

In conclusion, may I quote from the *British Journal of Nursing:* "The school nurse has come to stay. If school nursing is to be the force for good in the development of a higher standard of hygiene in the schools and in the lives of the children, which it is confidently hoped that it will be, then the nurses engaged in this important work must be picked women, skilled and experienced as nurses, tactful and broad-minded, as all pioneers in a new branch of work must be if they are to break down prejudices and overcome obstacles always met with in the path of progress. There are exceptional opportunities of usefulness before the school nurse, and the standard of national health may be raised through her agency."

Respectfully submitted,

ELIZABETH G. BREEZE,
Head Nurse.

VANCOUVER, NORTH.

NORTH VANCOUVER, January 30th, 1912.

C. J. Fagan, Esq., M.D., Victoria.

SIR,—I beg to submit report as to the medical inspection of schools in the District of North Vancouver.

There are three schools in the district—one in Lynn Valley, with attendance over a hundred; one in North Lonsdale, attendance forty; and one in Capilano, with attendance thirty.

The medical inspection of the children was carried out, as far as possible, with regard to inspection of the health of the children and as to their special senses. Elaborate examination of the children could not be done owing to the resistance on the part of the parents, and therefore as much benefit and attainment was not obtained, especially in regard to diseases of the chest, as would have been attained under more favourable circumstances. Public opinion, however, is not so averse as formerly, and when proper accommodation is provided in the schools, this part of the work will be more valuable.

A number of children in each school were detected suffering from affections of sight and diseases of the throat, and their parents were recommended to have them attended to. The teachers take full advantage of this form of inspection, especially with regard to eyesight, and at each visit they asked me specially to test eyes of children picked out of classes. Several cases of pediculosis have been dealt with, and this also the teachers are alive to the available help of medical inspection, as also with cases of infective skin-diseases, like impetigo.

As to the prevention of infectious diseases, this has been a matter of some difficulty, as parents do not seem to realize the danger of sending children from houses where there is infection (measles) to school. The able co-operation of the teachers, and with the assistance of a large paragraph in the local paper, published for the last six months, has helped to eliminate this evil.

In October, 1911, however, in spite of this, I had to shut Lynn Valley School for ten days, so that the school could be thoroughly disinfected, and in order to definitely impress the parents that we believed that infection was caught at school. This was in relation to measles, but whooping-cough was nearly as bad. Lynn Valley School was specially prone to this condition of affairs, as the school was too small and ill-ventilated, but this is now improved with the opening of a new school.

Measles and whooping-cough were the only diseases which presented any difficulty, as prevention of infection is more difficult in the diseases. Both teachers and parents have been brought to see how definitely laxity might prejudice the work of schools, and much better discipline has been attained. I may say that this subject was fully dealt with by the Local Board of Health as well, and the Board took steps to have the Provincial laws affecting this published in the front page of the local paper.

In the earlier part of the year, at the time of the small-pox outbreak, the Local Board supplied lymph for vaccination, and, in fact, the schools were used as vaccination stations.

Recommendation as to the size of Lynn Valley School, and also as to sewage disposal; this was attended to. Heating of North Lonsdale School has been criticized by me, but so far no improvement has taken place. I have been asked to further report.

To sum up the work in the first year, it is well to remember that owing to the rapid growth of the district the schools have soon become too small, and, as far as fresh air was concerned, this could not be much improved in Lynn Valley, the most populous district, until a larger school was built. The most valuable work appears to me to have been the inspection affecting the special senses and the education of the public with regard to prevention of infectious diseases, for in these, at any rate, much advance has been attained.

Yours truly,
J. J. Thomson.

February, 1912.

To the Board of School Trustees, North Vancouver District Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Lynn Valley Permanent School, and beg to report as follows (March to December, 1911) :—

Environment of school: Healthy.

Building, general description: Frame, one story.

Sanitation, number of water-closets: Eight water-closets; sanitation good (at present).

Window lighting: Good.

Heating: Stove; was unsatisfactory throughout winter.
Ventilation: By window and Sheringham's valves; satisfactory.
Desks, seating, etc.: Good.
Number of class-rooms: One.
Number of children in each room: Twenty-four.
Cubic air-space in each room: 10,692 cubic feet.

General remarks: I believe that a larger school is to be built, and if so I should like to draw your attention to the type of ventilation and heating in the new North Star School, which is unsatisfactory, and that the same mistake be not initially made. Wash-down closets would be better in new school.

J. J. THOMSON,
School Health Inspector.

February, 1912.

To the Board of School Trustees, North Vancouver District Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Lynn Valley Temporary School, and beg to report as follows (March to December, 1911) :—

Environment of school: Healthy.
Building, general description: Frame, one story.
Sanitation, number of water-closets: Two.
Window lighting: Good.
Heating: Stove; satisfactory.
Ventilation: Satisfactory; by windows.
Desks, seating, etc.: Satisfactory.
Number of class-rooms: One.
Number of children in each room: Twenty-six.
Cubic air-space in each room: 4,000 cubic feet.

General remarks: This school is temporary, and its cubic space is just sufficient for numbers at present.

J. J. THOMSON,
School Health Inspector.

February, 1912.

To the Board of School Trustees, North Vancouver District Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of North Star School, and beg to report as follows (March to December, 1911) :—

Environment of school: Healthy.
Building, general description: Frame, one story.
Sanitation, number of water-closets: Eight water-closets; sanitation all right.
Window lighting: Good.

Heating: By hot-air furnace; the heating-shafts have been placed so that their openings are too high in the wall.

Ventilation: By window; good; but ventilators at level of floor are not good, unless air is heated before entering.

Desks, seating, etc.: Good.
Number of class-rooms: Two.
Number of children in each room: Twenty-five, using only one room.
Cubic air-space in each room: 10,692 cubic feet.

General remarks: Heating is not sufficient for winter, on account of openings being too high in the wall, and perhaps of insufficient number. The pupils complain of the cold. Ventilation would be sufficient by open windows; ventilation at level of floor causes too cold a draught.

J. J. Thomson,
School Health Inspector.

February, 1912.

To the Board of School Trustees, North Vancouver District Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Capilano School, and beg to report as follows (March to December, 1911):—

Environment of school: Healthy.
Building, general description: Frame, one story.
Sanitation, number of water-closets: Six tubs; daily emptied.
Window lighting: Good.
Heating: Stove; satisfactory.
Ventilation: Good.
Desks, seating, etc.: Satisfactory.
Number of class-rooms: One.
Number of children in each room: Thirty.
Cubic air-space in each room: 12,000 cubic feet.

General remarks: Boys' urinal gives some trouble, as there is no method of disposal. As long as it is kept clean it does not need further alteration.

J. J. Thomson,
School Health Inspector.

January 31st, 1912.

Provincial Health Officer.

Dear Sir,—In reply to your request for a report of the school medical inspection in North Vancouver, I am sending you the following short description:—

Individual Inspection of School-children.—I have done very little with regard to this. At first I tried to do so, asking the teachers to send sickly or abnormal children to me, but the bitter opposition of some parents, the difficulty of getting any defect remedied, and the unavoidable interference with other doctor's practice has made me relax my efforts along these lines.

Ordinary School Hygiene.—I find almost all the teachers totally ignorant of the first principles of health in the schools. The windows of the class-rooms were kept closed tight in all weathers, and great opposition met with in attempting to have them kept open. The school trustees have recently helped me much in this matter by ordering all the school windows to be left open after school for several hours, and also on Saturdays and Sundays.

Infectious Diseases.—There has been no serious outbreak among the schools this year. Whooping-cough cases were numerous and some deaths occurred, but the difficulty of early diagnosis and the anxiety of parents not to let their own children miss any school, and often in the case of illness at home to get the other children to school out of the way, makes such outbreaks unavoidable. Seven cases of severe sore throat, four being diphtheria, developed in the Central School. This is a very old building, put together "piecemeal," many of the teachers having also a preference for air which has been shut up for some days in a class-room and "well seasoned." Five days after the first case I had the drains overhauled, and on their being thoroughly repaired the epidemic ceased. The three schools are now about to be connected with the sewers, and the two latest have a system of ventilation which is "guaranteed perfect," but has not yet been tried.

Yours truly,
Harold Dyer.

VERNON.

VERNON, B.C., January 30th, 1912.

C. J. Fagan, Esq.,
Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—I beg to state that I examined some 420 pupils in the Vernon Public School last year; and found, with one or two exceptions, a healthy lot of children. I also examined the teachers and made out all records, and left them with the teacher in charge of the room. Besides this, I examined the sanitary conditions of the school, which I found to be satisfactory.

Yours truly,
OSBORNE MORRIS.

VESUVIUS.

GANGES, SALT SPRING ISLAND, B.C., February 2nd, 1912.

C. J. Fagan, Esq.,
Secretary, Provincial Board of Health.

DEAR SIR,—I have inspected the Vesuvius School. The school building and closets are perfectly sanitary. I inspected fourteen scholars. All passed a satisfactory examination, except one child with enlarged tonsils and adenoids, and two with bad teeth.

In regard to Beaver Point School, I have not yet received my appointment, but since receiving your letter I am in communication with the secretary, and will make my report to you as soon as possible.

Yours faithfully,
ALAN BEECH, M.D.

February 1st, 1912.

To the Board of School Trustees, Vesuvius School:

I beg leave to advise you that I made an examination as to the general health of all children attending Vesuvius School; also of all teachers and janitors of same.

A statement as to the physical condition of each child has been recorded. The health of the teachers and janitors is good.

ALAN BEECH, M.D.,
School Health Inspector.

February 1st, 1912.

To the Board of School Trustees, Vesuvius School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Vesuvius School, and beg to report as follows:—

Environment of school: Good.

Building, general description: Frame building; eaves need repairing to prevent accumulation of water in puddles around school.

Sanitation, number of water-closets: Good; two.

Window lighting: Good.

Heating: Good.

Ventilation: By windows; good.

Desks, seating, etc.: Good.

Number of class-rooms: One.

Number of children in each room: Fifteen.

Cubic air-space in each room: 6,384 cubic feet.

ALAN BEECH, M.D.,
School Health Inspector.

VICTORIA.

Victoria, B.C., February 27th, 1912.

Dr. Fagan,
Provincial Health Officer, Victoria, B.C.

Dear Sir,—I beg to make the following report on the condition and health of the public schools of the City of Victoria for the year ended December 31st, 1911:—

The general health of teachers and pupils for the year 1911 has been excellent, notwithstanding the fact that many of the schools were overcrowded owing to the large number of new residents who have come to the city during the year. While there have been quite a number of cases of measles, scarlet fever, chicken-pox, and mumps, none of them have assumed epidemic form. Hence, it has not been necessary to close the schools.

Prompt report of suspicious cases on the part of teachers has done much to prevent the spread of disease among the children. An increasing number of parents are following up the advice of the Medical Inspector by having their children's eyes, ears, teeth, and throats attended to; but there are still a large number who fail to heed the advice given.

There is a big field for a school nurse to follow up these cases and see that the parents give proper attention to them.

The condition of the various schools will be found in Form C herewith handed you.

Yours truly,
M. Raynor,
School Medical Officer.

February 27th, 1912.

To the Board of School Trustees, Victoria Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Bank Street School, and beg to report as follows:—

Environment of school: Good; residential.

Building, general description: Concrete basement; brick superstructure; slow-burning construction of floors and partitions.

Sanitation, number of water-closets: Modern; fourteen Clows Cymric seat-action closets; porcelain urinals for boys.

Window lighting: Good; plenty of light.

Heating: Hot air.

Ventilation: Mechanical; by electric-driven fan.

Desks, seating, etc.: All seated with single desks.

Number of class-rooms: Four.

Number of children in each room: Forty-one, average.

Cubic air-space in each room: 10,000 cubic feet.

M. Raynor,
School Health Inspector.

February 27th, 1912.

To the Board of School Trustees, Victoria Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Victoria High School, and beg to report as follows:—

Environment of school: Good; residential.

Building, general description: Brick, with McGill Annex of wood; two annexes of wood.

Sanitation, number of water-closets: Boys, slate urinal, four seat-action flush toilets; girls, six seat-action flush toilets; one ladies' toilet upstairs; one gentlemen's toilet upstairs.

Window lighting: Good.

Heating: Hot water, direct radiation.

Ventilation: Natural, with Boyle's air intake—i.e., no forced air by fans.
Desks, seating, etc.: All single desks.
Number of class-rooms: Seventeen.
Number of children in each room: Twenty-three, average.
Cubic air-space in each room: 11,500 cubic feet.

M. RAYNOR,
School Health Inspector.

February 27th, 1912.

To the Board of School Trustees, Victoria Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Boys' Central School, and beg to report as follows:—

Environment of school: Good; residential.
Building, general description: Brick; shingled roofs.
Sanitation, number of water-closets: Trough system of closets, with two sets of eight seats and three 6-foot enamelled urinals.
Window lighting: Good generally; one or two rooms are darker than they should be.
Heating: Steam.
Ventilation: Natural; no forced air by fans; ventilated by windows and doors only.
Desks, seating, etc.: Three rooms single desks; eight rooms double desks.
Number of class-rooms: Eleven, and separate frame building for manual-training room.
Number of children in each room: Forty-eight, average.
Cubic air-space in each room: 12,000 cubic feet.
General remarks: Lavatories are in separate brick building.

M. RAYNOR,
School Health Inspector.

February 27th, 1912.

To the Board of School Trustees, Victoria Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Girls' Central School, and beg to report as follows:—

Environment of school: Good; residential.
Building, general description: Brick, with shingled roof.
Sanitation, number of water-closets: Sixteen seats in two sets of eight; trough system; and two teachers' toilets.
Window lighting: Good.
Heating: Steam, direct radiation.
Ventilation: Natural; no mechanical.
Desks, seating, etc.: Three rooms single desks; six rooms double desks.
Number of class-rooms: Nine, with separate room for household science (of wood).
Number of children in each room: Forty-four, average.
Cubic air-space in each room: 12,000 cubic feet.
General remarks: Lavatories are in outside brick building.

M. RAYNOR,
School Health Inspector.

February 27th, 1912.

To the Board of School Trustees, Victoria Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of George Jay School, and beg to report as follows:—

Environment of school: Good; residential.

Building, general description: Fireproof construction, with brick veneer finish.

Sanitation, number of water-closets: Nine Kelly closets, white porcelain urinals, for boys; fourteen Kelly closets for girls; four Kelly closets upstairs for teaching staff.

Window lighting: Good.

Heating: Hot air over steam-coils and through cold-water washer—i.e., blower system.

Ventilation: Mechanical; by means of electric fan.

Desks, seating, etc.: Five rooms single desks; six rooms double desks.

Number of class-rooms: Ten class-rooms, one domestic-science room, one manual-training building, main building; also assembly-room, 40 by 60 feet.

Number of children in each room: Thirty-nine, average.

Cubic air-space in each room: 12,000 cubic feet.

M. Raynor,
School Health Inspector.

February 27th, 1912.

To the Board of School Trustees, Victoria Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Hillside School, and beg to report as follows:—

Environment of school: Residential.

Building, general description: Frame.

Sanitation, number of water-closets: Six hopper and trap closets; enamelled-iron urinal.

Window lighting: Good.

Heating: Stoves.

Ventilation: Natural—i.e., by windows and doors.

Desks, seating, etc.: Double desks.

Number of class-rooms: Three.

Number of children in each room: Fifty-three.

Cubic air-space in each room: Average, 10,000 cubic feet.

M. Raynor,
School Health Inspector.

February 27th, 1912.

To the Board of School Trustees, Victoria Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Kingston Street School, and beg to report as follows:—

Environment of school: Residential.

Building, general description: Frame construction.

Sanitation, number of water-closets: Seven hopper and trap toilets; six seats to trough toilet; two 4½-foot enamelled-iron urinals.

Window lighting: Good.

Heating: Coal and wood stoves.

Ventilation: Natural; no fan; by windows.

Desks, seating, etc.: Double desks.

Number of class rooms: Seven, five in main building and two in annex.

Number of children in each room: Thirty-nine.

Cubic air-space in each room: Average, 11,000 cubic feet.

M. Raynor,
School Health Inspector.

February 27th, 1912.

To the Board of School Trustees, Victoria Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of North Ward School, and beg to report as follows:—

Environment of school: Residential.

Building, general description: Brick, with brick annex.

Sanitation, number of water-closets: Good; twelve Kelly closets, automatic; porcelain urinal for boys.

Window lighting: Good generally; one room should have more.

Heating: Steam, direct radiation.

Ventilation: Natural; no fan.

Desks, seating, etc.: Six rooms seated with single desks; five rooms seated with double desks.

Number of class-rooms: Nine in main building, and assembly-room and manual-training room; two in annex.

Number of children in each room: Forty-five.

Cubic air-space in each room: 10,000 cubic feet.

M. RAYNOR,
School Health Inspector.

February 27th, 1912.

To the Board of School Trustees, Victoria Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Rock Bay School, and beg to report as follows:—

Environment of school: Factory district.

Building, general description: Frame building, of wood.

Sanitation, number of water-closets: Fairly good; six chain-pull hopper toilets.

Window lighting: Might be improved; good on the whole.

Heating: By coal-stoves.

Ventilation: Natural.

Desks, seating, etc.: Double desks.

Number of class-rooms: Two.

Number of children in each room: Thirty, average.

Cubic air-space in each room: One room 8,500 cubic feet; one room 15,000 cubic feet.

M. RAYNOR,
School Health Inspector.

February 27th, 1912.

To the Board of School Trustees, Victoria Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Sir James Douglas School, and beg to report as follows:—

Environment of school: Good; residential.

Building, general description: Brick, buff colour; floors of corridors fireproof construction.

Sanitation, number of water-closets: White porcelain urinals and eight Kelly automatic seat-action closets for boys; twelve Kelly automatic seat-action toilets for girls; two toilets upstairs for teaching staff.

Window lighting: Good.

Heating: Hot air over steam-coils and through cold-water washer—blower system.

Ventilation: Mechanical; by means of electric fan.

Desks, seating, etc.: Three single desks; four double.

Number of class-rooms: Eight; seven only occupied.
Number of children in each room: Thirty-eight, average.
Cubic air-space in each room: 10,850 cubic feet.

M. Raynor,
School Health Inspector.

February 27th, 1912.

To the Board of School Trustees, Victoria Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of South Park School, and beg to report as follows:—

Environment of school: Park and residential.
Building, general description: Brick.
Sanitation, number of water-closets: Twelve Crane seat-action closets; slate urinal for boys; modern.
Window lighting: Good.
Heating: Hot air.
Ventilation: Smead Dow system; not mechanical; no fan.
Desks, seating, etc.: Four rooms single desks; four rooms double desks.
Number of class-rooms: Eight class-rooms and assembly-room; manual-training room in basement.
Number of children in each room: Thirty-eight, average.
Cubic air-space in each room: 12,000 cubic feet.

M. Raynor,
School Health Inspector.

February 27th, 1912.

To the Board of School Trustees, Victoria Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Spring Ridge School, and beg to report as follows:—

Environment of school: Residential.
Building, general description: Frame.
Sanitation, number of water-closets: Nine hopper and trap toilets; enamelled-iron urinals.
Window lighting: Fairly good.
Heating: Stoves.
Ventilation: Natural; by windows and doors.
Desks, seating, etc.: Double desks.
Number of class-rooms: Four.
Number of children in each room: Forty-six, average.
Cubic air-space in each room: Average, 11,000 cubic feet.

M. Raynor,
School Health Inspector.

February 27th, 1912.

To the Board of School Trustees, Victoria Schools:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Victoria West School, and beg to report as follows:—

Environment of school: Residential, but on side is a brewery.

Building, general description: Brick, with manual-training annex.

Sanitation, number of water-closets: Fourteen Kelly automatic seat-action closets; enamelled-iron urinals for boys; modern.

Window lighting: Good.

Heating: Hot air.

Ventilation: Mechanical; by electric fan.

Desks, seating, etc.: Six rooms single desks; four rooms double desks.

Number of class-rooms: Ten and an assembly-room.

Number of children in each room: Thirty-five, average.

Cubic air-space in each room: 11,000 cubic feet.

M. RAYNOR,
School Health Inspector.

WESTBANK.

PEACHLAND, B.C., February 7th, 1912.

Dr. Fagan,
Secretary, Provincial Board of Health, Victoria, B.C.

DEAR SIR,—Of the eighteen children examined by me at the Westbank School, I found that five only had been vaccinated, ten had carious teeth, and one had adenoids markedly. The sanitary condition of the school was satisfactory. The lighting was defective, in that it fell from the right instead of the left. I drew the attention of the trustees to this. The heating and ventilation were satisfactory.

Yours faithfully,
A. C. NASH.

September 14th, 1911.

To the Board of School Trustees, Westbank School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Westbank School, and beg to report as follows:—

Environment of school: Good; playground is being cleared and made usable.

Building, general description: Large square building with capacious porch used as cloak-room.

Sanitation, number of closets: Two cement pits; in good sanitary condition.

Window lighting: Good; but light is on wrong side of building, and falls from right to left instead of left to right. This needs attention.

Heating: By wood-stove heater situate in school-room.

Ventilation: Good; three close to ceiling in the wall, directed upwards, and one perforated in centre of ceiling.

Desks, seating, etc.: Good and sufficient.

Number of class-rooms: One large room only.

Number of children in each room: Total twenty-two; fourteen at date of my visit.

Cubic air-space in each room: 15,000 cubic feet.

General remarks: The lighting, as mentioned above, requires attention at an early period. The lowest of left-hand flight of school-steps is too far from the ground—i.e., too high.

ARTHUR C. NASH,
School Health Inspector.

WILLIAMS SIDING.

January 24th, 1912.

To the Board of School Trustees, Williams Siding School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Williams Siding School, and beg to report as follows:—

Environment of school: Good.
Building, general description: Frame; plastered and painted.
Sanitation, number of water-closets: Two.
Window lighting: Fair; two sides; four windows in all.
Heating: Good; by wood-burning stove.
Ventilation: From tops of windows.
Desks, seating, etc.: Good.
Number of class-rooms: One.
Number of children in each room: Fourteen on date of inspection.
Cubic air-space in each room: 3,984 cubic feet.

E. C. Arthur,
School Health Inspector.

WOODS LAKE.

Kelowna, B.C., January 29th, 1912.

C. J. Fagan, Esq., M.D.

Dear Sir,—I have to report that I visited Woods Lake School on December 15th, 1911.

On that occasion I saw all the pupils, and found them all in good health, with the exception of slight adenoids and some tonsillar enlargement in a few children. I saw one case of scabies; told the teacher of it, and asked her to communicate with the parents, who were to keep the child at home till he was cured.

The school-room and offices I found in good condition, and the lavatory arrangements were very good indeed.

Yours faithfully,
J. Garvie McNaughton, M.D.Edin., M.R.C.P.Edin.

YMIR.

Ymir, B.C., January 31st, 1912.

Dr. C. J. Fagan,
Secretary, Provincial Board of Health, Victoria, B.C.

Dear Sir,—I beg to report that I visited Ymir School during the year 1911 in the capacity of Medical Inspector, and found the pupils in good health and none of them suffering from any complaint that would endanger others.

The surroundings are healthful. The building is in good condition, but not of modern style, as it has windows on three sides. The building is adequate to present needs. It is supplied with water by the water company supplying the town.

Yours faithfully,
M. D. Baker,
Medical Inspector.

December, 1911.

To the Board of School Trustees, Ymir School:

I beg leave to advise you that I have carefully examined the school buildings, playgrounds, sanitary conditions, etc., of Ymir School, and beg to report as follows:—

Environment of school: Sanitary.

Building, general description: Frame building; matched lumber finish inside on walls and ceiling; building in good state of repair.

Sanitation, number of water-closets: Two; in good condition.

Window lighting: Lower half of windows blocked up by blackboards to exclude part of the light and protect the windows, which are too near the floor, and to keep children from looking out; light admitted from both sides and behind pupils; light still available equals one-eighth of the floor-space; lighting is bad owing to cross-light.

Heating: By wood-stove.

Ventilation: Four small openings in ceiling; windows can all be lowered from the top, which would give sufficient ventilation if properly managed.

Desks, seating, etc.: Plenty of seating-room; seats and desks very good, but top of desk is stationary and too flat.

Number of class-rooms: One.

Number of children in each room: Twenty-eight.

Cubic air-space in each room: 12,474 cubic feet; a little over 400 cubic feet for each pupil.

M. D. BAKER,
School Health Inspector.

VICTORIA, B.C.:
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