PROVINCE OF BRITISH COLUMBIA

FIRST REPORT

OF

THE TRANQUILLE SANATORIUM

FOR THE

FISCAL YEAR ENDING MARCH 31ST

1922

PRINTED BY
AUTHORITY OF THE LEGISLATIVE ASSEMBLY.

VICTORIA, B.C.:
Printed by WILLIAM H. CULLIN, Printer to the King's Most Excellent Majesty
1922.

To His Honour WALTER CAMERON NICHOL,

Lieutenant-Governor of the Province of British Columbia.

MAY IT PLEASE YOUR HONOUR:

The undersigned respectfully submits herewith the First Report of Tranquille Sanatorium for the fiscal year ending March 31st, 1922.

J. D. MACLEAN,

Provincial Secretary.

Provincial Secretary's Office,

Victoria, B.C., February, 1922.

TRANQUILLE SANATORIUM STAFF.

Medical Staff:

A. D. LAPP, M.B., *Medical Superintendent.*

H. G. CHISHOLM, M.D., *Medical Assistant.*

F. J. KENNY, M.D., *Medical Assistant.*

W. G. LOTHIAN, *X-ray Technician.*

H. C. COWAN, *Dentist.*

Office Staff:

A. WHITECROSS, *Bursar.*

G. FORBES, *Stenographer.*

Miss J. A. MORRICE, *Matron.*

Miss L. C. BUCKLEY, *Dietitian.*

J. P. BOLTON, *Chief Engineer.*

J. TREVORS, *Laundry Manager.*

A. N. LOW, *Storekeeper.*

General view, Tranquille Sanatorium.

TRANQUILLE SANATORIUM.

REPORT OF THE MEDICAL SUPERINTENDENT.

TRANQUILLE, B.C., March 31st, 1922.

Doctor the Honourable J. D. MacLean,
Provincial Secretary, Victoria, B.C.

SIR,—I have the honour to submit for your consideration the first Annual Report of Tranquille Sanatorium, under the management of the Government of the Province of British Columbia, covering the fiscal year April 1st, 1921, to March 31st, 1922.

The institution was established in 1907 and was owned and operated by the Anti-Tuberculosis Society of the Province of British Columbia until the beginning of the past fiscal year, when it was formally taken over by the Provincial Government.

We have accommodation for 230 patients, but until the new Nurses' Home is ready for occupation it will be necessary to use one wing of the main building, totalling twenty-five beds, to house the nurses. There was a total of 179 patients admitted during the year and 191 were discharged, showing a reduction in population at the end of the year. Three hundred and eighty-nine patients received treatment during the year, and the statistical table on discharged cases shows very gratifying results; there being 23 discharged with disease apparently arrested, 71 with disease in a quiescent state, and 32 improved.

The fact that about 33 per cent. of admissions were classed as incipient, and only 24 per cent. were more than moderately advanced, speaks well for the medical men of the Province. These figures compare very favourably with those from similar institutions.

A glance at the statistics of discharged cases will show how important it is that the disease be recognized early, and that the patient be urged to take sanatorium treatment at once.

LABORATORY.

Very little laboratory-work beyond routine examinations of sputum, urine, and blood has been done, and no research-work has been attempted, as we have had no laboratory technician and the physicians have not had the time to spare from their other work. We hope to add a laboratory technician to the staff in the near future, when we will be able to make definite progress in the way of research.

X-RAY DEPARTMENT.

The X-ray Department has been a valuable aid to the physicians, and the technician, Mr. Lothian, is to be complimented on the superior quality of his work.

Owing to the fact that we have no properly constructed solaria, very little heliotherapy has been attempted. Our one quartz lamp has been used in as many cases as possible, and very satisfactory results have been obtained in those cases suffering from intestinal tuberculosis.

DENTAL SERVICE.

The dental service is now recognized as a very important factor in the treatment of all chronic diseases. We are very fortunate in having a well-equipped dental clinic, with a resident dentist, and a great deal has been accomplished during the past year. The dentist has found the X-ray to be so valuable that a complete set of dental films is now taken as a routine in each new case, and many teeth, which by other methods of examination would have been considered healthy, have been discovered to be infected.

FINANCIAL.

The financial operations are set forth in detail in the Bursar's report, and show the net *per capita* cost of maintenance to be $1.30 per day, which I think is very satisfactory, as the repairs and renewals which were necessary this year added considerably to the cost of maintenance. This bill was offset to some extent by the fact that no depreciation was charged, as the work done added considerably to the value of the buildings.

SANATORIUM FARM.

The Farm Superintendent's report shows a net profit of $2,282.42. The work has been somewhat hampered by inadequate buildings and the need for more land. The results have been

very satisfactory, as we have had sufficient milk of excellent quality to supply the whole institution. As it is imperative that we have our own milk-supply, and as every bit of land is required to provide feed for the dairy herd, we cannot expect the farm to provide us with much else until it is enlarged.

BUILDING OPERATIONS.

A Nurses' Home, which was badly needed, is under construction and will soon be ready for occupation. This building is up to date in every respect and will be a great asset to the Institution, as it will not only add to the comfort of the nursing staff, but will release twenty-five more beds for patients.

A root-house in connection with the store is being constructed and will be ready for use next autumn.

Modern dairy and horse barns are nearing completion, as well as new cement silos and a well-equipped dairy building.

A spur was built from the main line of the Canadian National Railway, greatly facilitating the handling of heavy freight and coal.

RECOMMENDATIONS.

One of our greatest needs is suitable houses for our employees and members of the staff who are married.

A new auditorium is badly needed; the room which is used at present is not only much too small, but is very ill-ventilated and wholly unsuitable, especially in an institution for the treatment of such a disease as tuberculosis.

The old shacks along the approach to the Sanatorium are an eye-sore and should be torn down as soon as possible; they should be replaced by more up-to-date buildings on a different site.

As much work as possible should be done each year towards improving and beautifying the grounds.

The question of obtaining a water-supply by gravity should be thoroughly investigated, as we have to depend on machinery altogether for water for our fire-protection, as well as for domestic use.

A building with an open-air school-room large enough to accommodate twenty children should be added to the present accommodation as soon as possible.

Probably the most pressing need in tuberculosis work in the Province is accommodation for advanced cases. A large percentage of our beds are occupied by cases with no prospects of recovery, who are deriving no benefit from sanatorium treatment. Many of them have been here for years, occupying beds required for less advanced cases, delaying their admission until many of these also become hopeless. It is impossible to discharge these advanced cases at present, as there is no suitable place to send them.

ACKNOWLEDGMENTS.

I wish to express my appreciation of advice and services rendered by Dr. J. S. Burris, of Kamloops, who has been acting as consulting surgeon for years.

The thanks of the institution are particularly due to the Visiting Committee of the Kamloops Branch of the Red Cross, to the Military Branch of the Y.M.C.A. of Vancouver, and also to the various organizations in Kamloops who provided a play or concert for the entertainment of patients and staff almost every week during the winter.

I take the opportunity to thank my assistant physicians, Drs. Chisholm and Kenny, for their efficient and valuable services, and to express my appreciation of their co-operation to the various officers and members of the staff. In conclusion, I wish to thank you for the support that I have had from your Department.

I have the honour to be,
Sir,
Your obedient servant,
A. D. LAPP,
Medical Superintendent.

STATISTICAL TABLES.

Statistics for Year ended March 31st, 1922.

	Civil.	Military.	Total.
Number of patients in Sanatorium, March 31st, 1921	...	...	210
Number of patients admitted during year	72	107	179
Number of patients treated during year	...	...	389
Number of patients discharged during year	67	124	191
Number of patients in Sanatorium, March 31st, 1922	104	94	198

Cases admitted during Year ended March 31st, 1922.

Males	160
Females	19
Total	179

Civil state—

	Males.	Females.
Married	80	5
Single	76	14
Widowed	4	..
Totals	160	19

Classification—

Incipient	59 = 32.96%
Moderately advanced	77 = 43.00%
Far advanced	41 = 24.04%
Non-tuberculous	2
Total	179

Cases discharged during Year ended March 31st, 1922.

Classification on Admission.	Results.				
	Apparently arrested.	Quiescent.	Improved.	Unimproved.	Dead.
Incipient, 46 = 24.08%	19	17	7	3	..
Moderately advanced, 80 = 41.88%	4	44	16	9	7
Far advanced, 49 = 25.23%	..	10	9	14	16
Non-tuberculous, 16 = 8.37%	..	..	..	..	..

Classification of the Sixteen Cases discharged as Non-tuberculous.

Bronchiectasis	1
Chronic bronchitis	2
Debility	4
Syphilis	1
Asthma	1
Psychasthenia	1
No disease	6

REPORT OF PNEUMO-THORAX TREATMENT FOR YEAR ENDED MARCH 31ST, 1922.

Number of treatments given	176
Number of cases in which treatment was attempted	7
Number of cases in which treatment was successful	4
Reasons for which it was attempted—	
Hæmorrhage	3
Toxæmia	4

AGE CLASSIFICATION OF CASES ADMITTED DURING YEAR ENDED MARCH 31ST, 1922.

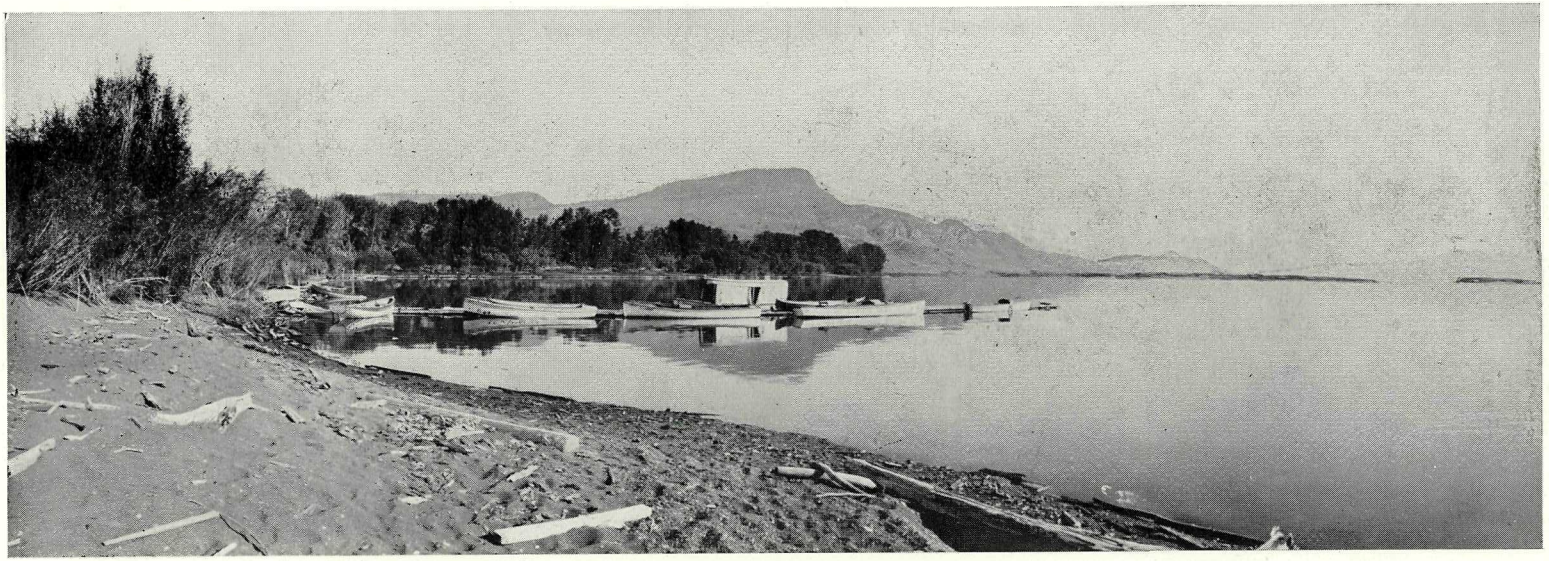
	Males.	Females.
1–10 years	..	1
11–15 „	..	1
16–20 „	4	4
21–25 „	23	4
26–30 „	31	1
31–35 „	27	4
36–40 „	28	2
41–45 „	15	..
46–50 „	20	1
51–55 „	5	1
Over 55 years	7	..

ADDRESSES.

Vancouver	85	Victoria	21
New Westminster	5	Nelson	1
Cranbrook	1	Prince Rupert	1
Penticton	3	Fernie	3
Tranquille	3	Smithers	1
Balfour	1	Mission City	1
Robson	1	Armstrong	1
Sardis	1	Kamloops	9
Salmon Arm	2	Shuswap	1
Langley Prairie	2	Duncan	1
Burnaby	2	Aldergrove	1
Slocan	1	Peachland	1
Fraser Mills	1	Nanaimo	2
Dewey	1	Coombs	1
Silverton	1	Maillardville	2
Vernon	1	Miscellaneous, D.S.C.R. patients coming in from outside Provinces	16
Kelowna	1		

OCCUPATIONS OF CASES ADMITTED DURING YEAR ENDED MARCH 31ST, 1922.

Tailor	3	Bank clerk	1
Plumber	3	Clerk	19
Rancher	15	Labourer	9
Engineer	7	Coal-miner	9
Book-keeper	3	Barrister	1
School-teacher	1	Waiter	3
Electrician	1	Broker	2
Cashier	1	Sailor	4
Glover	1	Factory-girl	1
Lumberman	4	Accountant	3
Orderlies	2	Photographer	3
Prospector	2	Soldier	2
Upholsterer	1	Housewife	6
Surveyor	1	Street-car conductor	1
Teamster	3	Fireman	4



Tranquille Lake.

Occupations of Cases admitted—*Continued.*

Piano-tuner	1	Motor mechanic	2
Nurseryman	1	Motorman	2
Laundry manager	1	Cook	2
Switchman	1	Painter	2
Bridgeman	1	Tinsmith	1
Telegraph operator	1	Advertiser	2
Laundry-maid	1	Station agent	1
Elevator operator	1	Secretary	2
Watchman	1	Salesman	3
Time-keeper	1	Blacksmith	2
Shipwright	1	Stenographer	2
Pool-room keeper	1	Carpenter	4
Wood-worker	1	Shoemaker	2
School-girl	2	Longshoreman	2
Musician	1	Dental mechanic	1
Milliner	1	Chauffeur	1
Steam-fitter	1	Watchmaker	1
Student	1		

Nationalities of Cases admitted during Year ended March 31st, 1922.

Scottish	40	English	54
Welsh	7	Canadian	51
American	7	Irish	6
Swedish	3	French-Canadian	1
Jew	1	Pole	1
Slavonian	1	American Indian	1
Italian	1	Danish	1
French	1	Norwegian	3
Belgian	2	Japanese	1

Religion.

Protestant	19	Church of England	59
Roman Catholic	25	Presbyterian	47
Methodist	10	Baptist	7
Lutheran	2	Bible student	1
Polish	1	Hebrew	1
Congregational	3	Seventh Day Adventist	1
Buddhist	1	Unknown	2

Definition of Terms used in the Admission and Discharge of Patients.

Classification on Admission.

Lesion.—(1.) *Incipient.*—Slight infiltration limited to the apex of one or both lungs, or a small part of one lobe.

(2.) *Moderately advanced.*—Marked infiltration, more extensive than under incipient, with little or no evidence of cavity formation. No serious tuberculous complications.

(3.) *Far advanced.*—Extensive localized infiltration or consolidation in one or more lobes; or disseminated areas of cavity formation; or serious tuberculous complications.

Symptoms.—(*a.*) *Slight or None.*—Slight or no constitutional symptoms, including, particularly, gastric or intestinal disturbance or rapid loss of weight; slight or no elevation of temperature or acceleration of pulse at any time during the twenty-four hours. Expectoration usually small in amount or absent. Tubercle bacilli may be present or absent.

(*b.*) *Moderate.*—No marked impairment of function, either local or constitutional.

(*c.*) *Severe.*—Marked impairment of function, local and constitutional.

Classification on Discharge.

Apparently cured.—All constitutional symptoms and expectoration with bacilli absent for a period of two years under ordinary conditions of life.

Arrested.—All constitutional symptoms and expectoration with bacilli absent for a period of six months; the physical signs to be those of a healed lesion.

Apparently arrested.—All constitutional symptoms and expectoration with bacilli absent for a period of three months; the physical signs to be those of a healed lesion.

Quiescent.—Absence of all constitutional symptoms; expectoration and bacilli may or may not be present; physical signs stationary or retrogressive; the foregoing conditions to have existed for at least two months.

Improved.—Constitutional symptoms lessened or entirely absent; physical signs improved or unchanged; cough and expectoration with bacilli usually present.

Unimproved or Progressive.—All essential symptoms and signs unabated or increased.

X-RAY REPORT FOR YEAR ENDED MARCH 31ST, 1922.

Stereoscopic films, pairs	259
Miscellaneous, chiefly gastro-intestinal	54
Complete sets dental	199

Alpine Sun Lamp.

Number of treatments given	1,199

DENTAL REPORT.

TRANQUILLE, B.C., April 1st, 1922.

The Medical Superintendent,
Tranquille Sanatorium, Tranquille, B.C.

SIR,—I have the honour to submit herewith my report for the year ended March 31st, 1922, which report I trust you will find in order.

Number of patients examined	308
Number of sets of X-ray films (mouth)	199
Number of patients treated	268
Number not requiring treatment	8
Number of patients too ill for anything but emergency treatment	32
Number of completed cases	131
Number of patients showing, in one form or another, definite evidence of oral infection	26

Our first effort has always been to remove all evidence of oral infection, especial attention being given to foci of infection at the apices of the teeth; and after this to see that the patient was supplied with sufficient teeth with which to masticate his food.

All strictly bed patients are given appointments of only one-half hour's duration, but patients on exercise are given more time, but never more than an hour.

All patients are examined as soon as possible after admission, and all now receive both a clinical and an X-ray examination. As most patients remain in the institution three months at least, all dental work can be carried on after consultation with the medical officer in charge of the ward, and this is the procedure which has been adopted.

Although it is impossible to attribute the improvement of a patient to any one factor, yet there are a number of cases on record where the condition showed marked signs of improvement after having received the required dental treatment.

The services of a graduate nurse are retained in the clinic, as it is felt that sterilization, the care and handling of patients, and a knowledge of their physical condition are all too important to leave to untrained hands.

All teeth that can be saved are treated in the usual manner and filled; all up patients are required to report every three months for a prophylactic treatment. In this way notice is taken of the care with which patients carry out the instructions given them as to the care of their teeth.

Respectfully submitted.

Harold C. Cowan,
Dentist.

METEOROLOGICAL REPORT.

Month.	Maximum Temp.	Minimum Temp.	Average Temp.	Hours of Sunshine.	Rain.	Average Humidity.	Snow-fall.
	Deg. F.	Deg. F.	Deg. F.		Inches.		Inches.
April	71	28	48.2	198.8	0.30	55.9	..
May	85	37	59.3	282.5	0.77	51.2	..
June	85	44	66.2	205.5	0.61	53.8	..
July	89	46	74.9	319.3	0.12	62.4	..
August	91	47	70.3	258.1	0.39	67.7	..
September	76	36	56.5	181.7	0.50	68.7	..
October	70	23	54.3	161.6	0.05	72.8	..
November	62	− 2	33.3	55.9	0.6	64.9	7.5
December	49	−14	...	61.4	0.19	100.0	2.5
January	42	− 7	20.0	83.3	...	100.0	4.0
February	46	−11	11.0	107.9	...	100.0	3.0
March	53	13	...	155.3	0.10	...	..

BURSAR'S REPORT.

Tranquille, B.C., March 31st, 1922.

Dr. A. D. Lapp,
Medical Superintendent, Tranquille Sanatorium,
Tranquille, B.C.

Sir,—I beg to submit herewith the Financial Statement for the year ended March 31st, 1922.

During the year a great deal of work has been done, repairing and renovating our old buildings, thereby adding considerably to our operating expenses. In this connection you will note that no depreciation charges have been made, as the buildings have been greatly enhanced in value by the work done on them. A considerable amount of repair-work has yet to be done to bring the institution up to the standard desired.

Our daily average population for the year is somewhat low, being 190.04 per day, and this is accounted for by the necessity of closing certain sections so that repairs could be proceeded with.

During the year ten municipalities paid for the maintenance of 63 patients at the rate of $2.50 per day. The Department of Soldiers' Civil Re-establishment has paid for 231 ex-soldiers at the monthly *per capita* rate; and 40 patients paid for their own maintenance at varying rates, according to what they were able to afford. We have carried on the free list 55 patients who were unable to pay anything.

The gross cost of our maintenance amounted to $271,730.08 and our revenue to $181,495.98, making the net *per capita* charge to the Province $474.81 for the year, or $1.30 per day.

I take this opportunity of thanking you for the valuable help you have extended to me in my work, and to express to my staff appreciation of the efficient and faithful manner in which they have carried out their duties.

I have, etc.,
A. Whitecross,
Bursar.

TRANQUILLE SANATORIUM.

BALANCE-SHEET, MARCH 31ST, 1922.

Assets.

Land	$ 36,110 17
Buildings	372,472 82
Plant and equipment	70,866 50
Furniture and fixtures	15,305 22
Inventories	13,785 69
Deferred insurance	2,428 62
Petty Account	1,000 00
Accounts receivable	43,107 03
Railway spur	2,432 92
	$557,508 97
Deficit (cost of operations, 1921–22)	90,234 10
	$647,743 07

Liabilities.

Government of British Columbia	$647,743 07

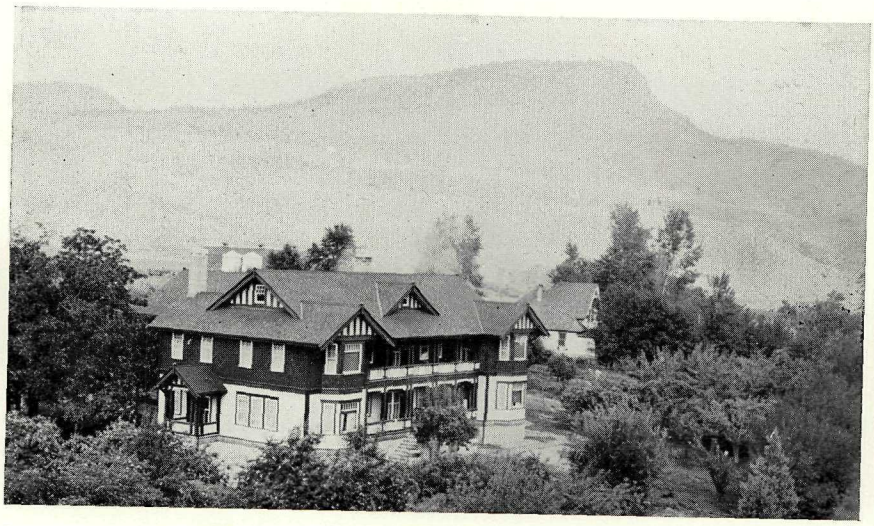
PROFIT AND LOSS ACCOUNT, MARCH 31ST, 1922.

Insurance	$ 3,222 69	
Salaries	83,537 76	
Office supplies	1,713 14	
Travelling expenses and transportation	3,906 79	
Fuel, water, light, and power	42,785 73	
Maintenance and repairs of buildings	26,306 16	
Furniture and fixtures	10,982 78	
Provisions	80,189 90	
Medical and surgical supplies	5,391 16	
Incidentals and unforeseen	13,693 97	
By Donations	.....	$ 8,200 00
Receipts from maintenance of patients	.....	173,295 98
Balance	.....	90,234 10
	$271,730 08	$271,730 08

EXPENSE AND REVENUE STATEMENT FOR YEAR ENDED MARCH 31ST, 1922.

Operating Expense Accounts.

Operating expenditure by voucher—		
Salaries—		
Medical and clerical staff	$ 13,696 08	
Sundry employees	69,841 68	
		$ 83,537 76
Office supplies—		
Books, journals, etc.	$ 280 62	
Postage and office supplies	1,544 79	
Telephone and telegraph	91 96	
		1,917 37
Travelling expenses and transportation		4,535 84
Carried forward		$ 89,990 97



The Nurses' Home, Tranquille Sanatorium.

Expense and Revenue Statement for Year ended March 31st, 1922—*Continued.*

Operating Expense Accounts—Continued.

Brought forward		$ 89,990 97
Fuel, water, light, and power—		
Fuel	$ 43,839 74	
Oils, packing, etc.	837 31	
		44,677 05
Maintenance and repairs—		
Repairs and renewals	$ 26,200 18	
Janitors' supplies	2,065 58	
		28,265 76
Furniture and fixtures—		
Bedding	$ 5,184 76	
Furniture and fixtures	123 28	
Miscellaneous	7,663 60	
		12,971 64
Provisions—		
Groceries	$ 33,307 88	
Meats	29,125 26	
Fish	1,808 04	
Milk and eggs	21,774 69	
		86,015 87
Medical and surgical supplies—		
Drugs and instruments	$ 2,490 67	
X-ray and sundry	2,193 52	
		4,684 19
Incidentals and unforeseen—		
Laundry	$ 2,151 76	
Freight and express	6,855 70	
Railway spur	4,700 90	
Interest on mortgage	1,774 00	
Miscellaneous	2,171 62	
		17,653 98
Total operating expense by voucher		$284,259 46
Inventories as at March 31st, 1921—		
Fuel	$ 1,098 48	
Provisions	2,473 30	
Office supplies	696 50	
Medical and surgical supplies	1,789 30	
Furniture and fixtures	848 64	
Maintenance and repairs	231 66	
Miscellaneous	1,001 42	
		8,139 30
Proportion of insurance for the year		3,222 69
		$295,621 45
Less inventories as at March 31st, 1922—		
Fuel	$2,989 80	
Provisions	3,861 54	
Office supplies	900 73	
Medical and surgical supplies	829 65	
Furniture and fixtures	2,837 50	
Carried forward	$11,419 22	$295,621 45

EXPENSE AND REVENUE STATEMENT FOR YEAR ENDED MARCH 31ST, 1922—*Continued.*

Operating Expense Accounts—Continued.

Brought forward	$11,419 22		$295,621 45
Maintenance and repairs	2,191 26		
Transportation	175 21		
		$ 13,785 69	
By Refund, motor licences		125 10	
Post Office Department Account		328 74	
Provisions sold		2,202 90	
Receipts for board		2,234 83	
Sale of thermometers		252 68	
Refund, Canadian National Railway Spur Account		2,267 98	
Balance cost of spur transferred to Capital Account		2,432 92	
Sundry receipts for laundry		260 53	
			23,891 37
Gross cost of maintenance for year			$271,730 08

Revenue.

By Donations from Greaves Estate	$ 8,200 00	
Receipts from Department of S.C.R.	128,929 71	
Receipts from municipalities	36,710 00	
Receipts from private patients	7,656 27	
		181,495 98
Net cost of operation for year ending March 31st, 1922		$ 90,234 10

Summary of Profit and Loss Account.

			Yearly *per Capita* Cost.
Insurance		$ 3,222 69	$ 16.958
Salaries		83,537 76	439.579
Office supplies		1,713 14	9.014
Travelling expenses and transportation		3,906 79	20.557
Fuel, light, water, and power		42,785 73	225.140
Maintenance and repairs		26,306 16	138.424
Furniture and fixtures		10,982 78	57.792
Provisions		80,189 90	421.963
Medical and surgical supplies		5,391 16	28.368
Incidentals and unforeseen		13,693 97	72.058
		$271,730 08	$1,429.853
Less donations	$ 8,200 00		
„ revenue, Maintenance Account	173,295 98		
		181,495 98	955.041
Net cost to Government for maintenance of patients		$ 90,234 10	$ 474.812

Remarks.

Number of patients in residence, March 31st, 1921	210
Daily average population for year ended March 31st, 1922	190.04
Gross maintenance *per capita* cost, 1 year	$1,429.85
Gross maintenance *per capita* cost, 1 day	3.91
Net maintenance *per capita* cost, 1 year	474.81
Net maintenance *per capita* cost, 1 day	1.30

Expense and Revenue Statement for Year ended March 31st, 1922—*Continued.*

Capital Expenditures.

Nurses' Home	$23,321 84
Barns	23,289 58
Mortgage repaid	22,000 00
Plant and equipment	1,822 50
Furniture	3,755 22

FARM SUPERINTENDENT'S REPORT.

Tranquille, B.C., March 31st, 1922.

Dr. A. D. Lapp,
Medical Superintendent, Tranquille Sanatorium,
Tranquille, B.C.

Sir,—I beg to submit the report of the Tranquille Sanatorium Farm for the year ended March 31st, 1922.

The crop yield in all lines was exceptionally good, and it was safely harvested without loss of any kind whatever. The crop in the lower meadow was sufficient to feed the range cattle during the entire season, notwithstanding the fact that the winter was much longer than usual. The alfalfa-crop was above the average, and only two car-loads of hay had to be purchased to carry the dairy herd and horses through the winter. Three hundred tons of corn and sunflower ensilage were put up, which will be sufficient to feed the dairy cattle well into the summer months.

The dairy herd has done well during the year, fully supplying the Sanatorium with milk. This herd has been tested for tuberculosis twice during the year, no reactors being found either among the mature or young stock.

Two hundred and six head of range cattle were carried through the winter. These stood the long winter well and went out on the range in good condition.

One of the greatest difficulties met with during the year was the shortage of barn accommodation and trouble in handling the dairy herd during building operations.

Several new farm buildings are under construction. A dairy-barn, 40 by 100 feet, with a large loft above, is nearing completion. This barn is equipped with every modern convenience for the care and comfort of the stock. A large horse-barn, 76 by 30 feet, with accommodation for twenty-two head, is also under construction. Two 30-foot cement silos and a modern well-equipped dairy will be constructed this spring.

The hogs, as usual, have proved profitable, though their housing accommodation is extremely poor. The orchard bore an average crop of about 600 boxes.

The farm closed this year with a net profit of $2,282.42.

All of which is respectfully submitted.

I have, etc.,
D. W. Strachan,
Farm Superintendent.

TRANQUILLE SANATORIUM FARM.

Balance-sheet, March 31st, 1922.

Assets.

Building and improvement	$11,552 02
Farm equipment	4,739 89
Automobile	480 94
Live stock	27,505 00
Real estate	137 88
Bank balance	916 71
Accounts receivable	2,888 69
Tranquille Dam Account	421 72
Carried forward	$48,642 85

BALANCE-SHEET, MARCH 31ST, 1922—*Continued.*

Assets—Continued.

Brought forward		$ 48,642 85
Feed Account		727 00
Provisions		495 00
		$49,864 85

Liabilities.

Treasury advance		$ 1,000 00
Accounts payable		281 85
Capital surplus	$46,290 58	
Capital profit for year	2,282 42	
		48,573 00
		$49,864 85

PROFIT AND LOSS ACCOUNT, MARCH 31ST, 1922.

Salaries—		
Farm Superintendent	$2,400 00	
Employees	6,001 28	
		$ 8,401 28
Provisions		1,732 47
Fuel, Light, and Water—		
Coal-oil and gasolene	$ 178 32	
Fuel	191 83	
Water rights	10 42	
		380 57
Feed		3,917 57
Blacksmith and repairs		726 76
Seed, Fruit-boxes, etc.—		
Seed	$ 86 15	
Fruit-boxes	84 52	
		170 67
Drugs and veterinary		45 60
Implements, harness, hardware		394 52
Incidentals and unforeseen		535 28
Balance, profit for year		2,282 42
		$18,587 14
Profits, live stock		$ 1,808 75
Receipts—		
Farm produce sold		15,970 93
Fruit-sales		403 20
Teaming		47 55
Sale of hides		18 65
Sundry—		
Milk-sales		132 09
Pork		142 52
Board and meals, contractor for barn		63 45
		$18,587 14

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