

Title of record:	Titre du dossier :	SADDLE LAKE AGENCY - BLUE QUILLS BOARDING SCHOOL - BUILDING MAINTENANCE - SUPPLIES - ACCOUNTS
Hierarchical level:	Niveau hiérarchique :	File Dossier
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Sous-fonds:	Sous-fonds :	Indian and Inuit Affairs and Northern Development
Series:	Série :	Headquarters Central Registry System
Subseries:	Sous-série :	School File Series (1879-1953)

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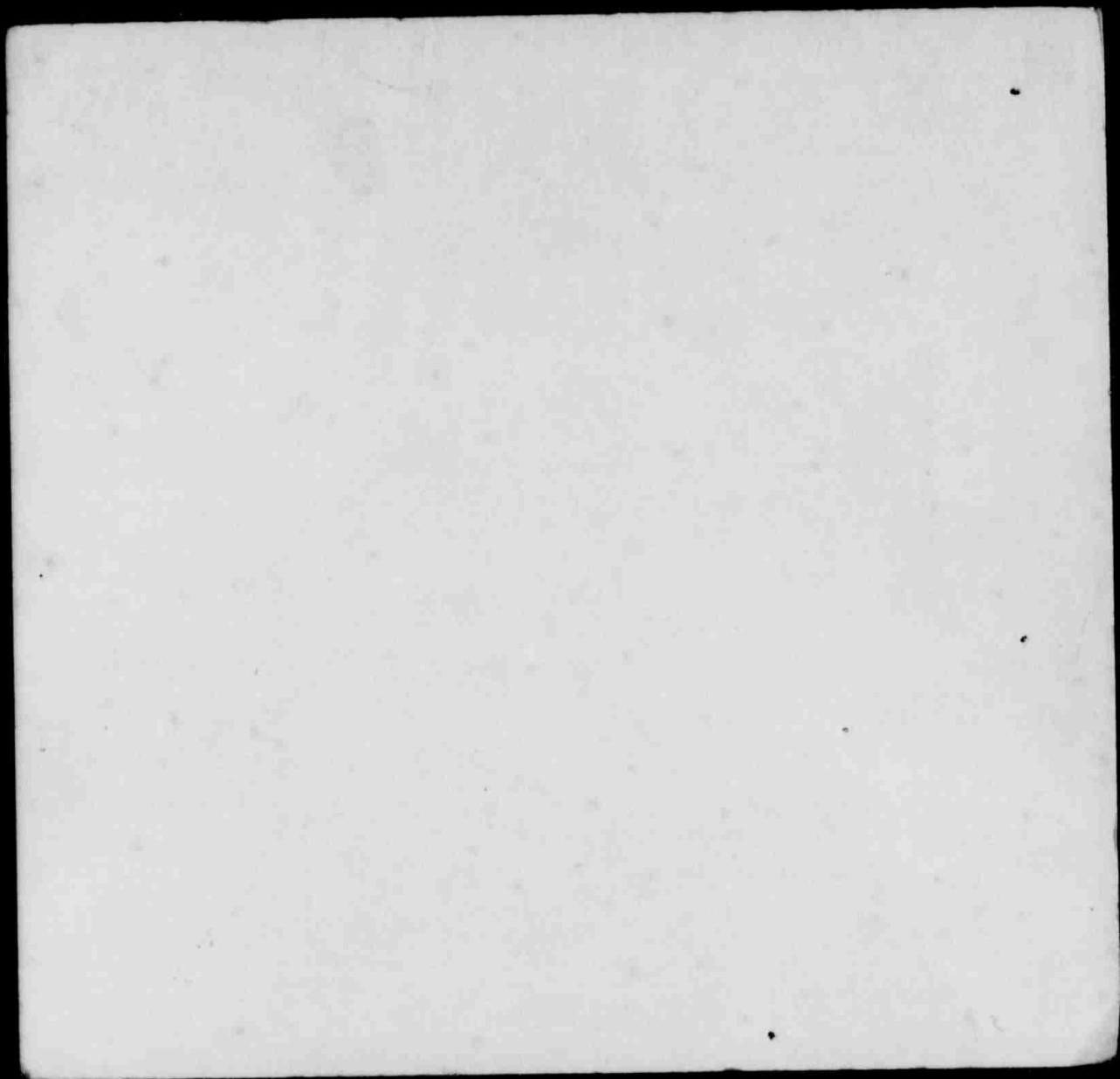
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ROLL 10-B

Indian Affairs.
School Files

(RG 10, Volume 6346)

File 751-5, part 3	Saddle Lake - Blue Quills Boarding School - Building Equipment & Accounts. 1930 - 1932
File 751-5, part 4	Saddle Lake - Blue Quills Boarding School - Building Equipment & Accounts. 1932 - 1933
File 751-5, part 5	Saddle Lake - Blue Quills Boarding School - Building Equipment & Accounts. 1933 - 1938
File 751-5, part 6	Saddle Lake - Blue Quills Residential School - Buildings & Accounts. 1938 - 1941
File 751-5, part 7	Saddle Lake - Blue Quills Residential School - Buildings & Accounts. 1941 - 1949

D. Scott



DEPARTMENT OF INDIAN AFFAIRS
CANADA

MINISTER'S OFFICE
APR 4
DEPT. OF INTERIOR

7

OFFICE OF THE
DEPUTY SUPERINTENDENT GENERAL
OTTAWA

April 4, 1930.

Memorandum.

Mr. Pratt.

With reference to the proposed new Blue Quills Indian Residential School to be built near St. Paul de Metis, Alberta, will you please advise me the newspapers that may be used to advertise tenders for this building.

Edmonton "Bulletin"
St Paul "Journal"
Edmonton "La Survivance"
Regville "Observer"
D.S.
5/4/30

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Copy

Department of Indian Affairs,
Ottawa, March 27, 1930.

Memorandum,-

Honourable Charles Stewart.

Pursuant to our conversation on the subject of new residential school buildings to be erected during the coming fiscal year, I have pleasure in informing you that the plans and specifications for the following school buildings are now ready : -

- 11 New Blue Quill Indian Residential School,
near St. Paul de Metis, Alberta.
- New Muscowequan Indian Residential School,
near Lestock, Sask.
- New Birtle Indian Residential School,
near Birtle, Man.

As I have stated, I do not think we can carry out our full programme without getting supplementary assistance. Perhaps you will think it proper to ask for tenders at an early date, but I think it would be advantageous to have some assurance of our Supplementary Vote before doing so.

We also have the plan ready for the addition to the Lady Willingdon Hospital on the Six Nations Reserve. As the funds for this building do not come out of the School Vote, I will ask for tenders at an early date.

Duncan C. Scott.

Dr. SCOTT - To ask for tenders
for the three Schools mentioned.

Apl. 3.30

C.S.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

904

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Ottawa, April 8, 1930.

Mr. Orr,-

The advertisement for the proposed new Blue Quills Indian residential school near St. Paul de Metis, Alta., may be inserted in the following newspapers: -

Edmonton "Bulletin,"
St. Paul "Journal,"
Edmonton "La Survivance,"
Vegreville "Observer,".

Duncan
D. S. G. I. A.

152

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA



May 31.1930.

J.W.D.M.
DR. SCOTT:

BLUJE QUILLS INDIAN SCHOOL

It is particularly requested that "Superior
Windows" be used in this building. (Public Works used
Superior Windows in the Vegreville P.O.)
Will you kindly consider the matter and advise.

W.J.F. Pratt
W.J.F. Pratt.

Des.

Hilbount 7987

8.30

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

904

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File No 116-1-5

June 24, 1950.

Dear Mr. Pratt,-

With reference to the use of Superior windows in the Blue Quills School, I have been in correspondence with the contractors and Mr. Charles Gordon, and I have today authorized the contractors to substitute Superior windows for those specified in all classrooms and dormitories. I do not think it advisable to change from the standard box window in the other rooms in the building.

Yours very truly,

del

W. J. F. Pratt, Esq.,
Secretary to the Minister of Interior,
Edmonton, Alta.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA



House of Commons
Canada

Ottawa, Ont.,
September 10,
1930.

Mr. Scott,
Deputy Superintendent of Indian Affairs,
Ottawa, Ontario.

Dear Mr. Scott:

Re Indian School,
St. Paul, Alberta.

I understand that an Indian Industrial School is now being built three miles west of St. Paul, Alberta. In the event of tenders being called for the furnishings of this school would you be good enough to give a chance of tendering to Mr. R. J. Welsh, of St. Paul, who carries on a business both in the City of Edmonton and in St. Paul.

I also understand that there may be some second-hand furniture from the old school at Saddle Lake which you may wish to dispose of. In such event would you give him also a chance to put in a bid for its purchase.

If you have a list of individuals, firms or companies whom you invite to tender in any such matters would you be good enough to place Mr. Welsh's name on such list.

Yours truly,

AUGB/LN

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

7

September 12, 1930.

Dear Mr. Bury,-

I beg to acknowledge the receipt of your letter of the 10th instant, and to say in reply that I have given instructions that in the event of tenders being called for the furnishings of the ~~old~~ Indian school at St. Paul, Alta., Mr. R. J. Welsh, of St. Paul, be given an opportunity to tender. The same action will be taken in the case of the old school at Saddle Lake, should it be decided to dispose of the second-hand furniture there.

Yours very truly,

Del
A. U. G. Bury, Esq., M.P.,
House of Commons,
Ottawa.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

7

Ottawa, September 12, 1930.

Memorandum,-

Mr. Orr.

In the event of tenders being called for the furnishing of the Indian School at St. Paul de Metis, kindly note that Mr. R. J. Welsh of St. Paul should be given a chance to tender. He carries on business both in the city of Edmonton and in St. Paul.

Should the second hand furniture at the old school, Saddle Lake, be disposed of, kindly note that Mr. R.J. Welsh is to be given a chance to put in an offer for its purchase.

KSD

Del

Duncan Scott

D.S.G.I.A.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Minister's Office

E1.

MEMORANDUM

October 8, 1930.

Dr. Scott.

Reference Mr. Buskard's memorandum
September 26th and your memorandum October 3rd -

The Minister instructs that the
following additional firms be asked to tender on
the septic tank, ~~sewerage~~ system and water supply
system for the new Blue Quills Indian residential
school:-

Carmichael Plumbing & Heating Co. Edmonton.
Dobbin Plumbing & Heating Co. Edmonton.

F. Clapp
F. Clapp,
For Private Secretary.

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

904

118-1-15

Ottawa, October 9, 1930.

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Mr. Orr,-

With further reference to memorandum from Mr. Buskard of the 26th ultimo and reply of October 3, kindly note that the following additional firms should be asked to tender on the septic tank, sewerage system and water supply system for the new Blue Quill's Indian residential school : -

Carmichael Plumbing & Heating Co., Edmonton,
Dobbin Plumbing & Heating Co., ... "

D. S. Williams

Acting D. S. G. I. A.

*Noted
12/1*

*Hand
12/1*

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

Minister's Office
E1.

MEMORANDUM

November 11, 1930.

Mr. Williams.

I am sending you herewith an exchange of telegrams which the Honourable Mr. Stewart, Minister of Public Works, has had with Mr. A. U. G. Bury, M.P., of Edmonton, regarding the employment of Edmonton labour in connection with the construction of the Indian School at St. Paul, Alberta.

Will you kindly let me have a draft reply to Mr. Bury for Mr. Buskard's signature.

F. Clapp
F. Clapp,
for Private Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

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NIGHT LETTER
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TELEGRAPHS



Form 6107, replacing Form T.W. 2

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HEAD OFFICE, TORONTO, ONT.

W. G. BARBER, GENERAL MANAGER

RECEIVER'S NO.

TIME FILED

CHECK

Send the following Night Letter, subject to the terms on back hereof, which are hereby agreed to

Nov. 12, 1930.

E. Gardner Smith,
Inspector of Construction,
St. Paul, Alta.

ESW

I have had complaint that contractor Elus Quille School has given lathing and plastering contract to Calgary firm, instead of arranging for same in Edmonton. Please advise by wire what arrangements have been made for lathing and plastering.

A. S. WILLIAMS.
Acting Deputy Superintendent General.

Chg. DIA.

T

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

CLASS OF SERVICE	SYMBOL
Day Message	
Day Letter	D L
Night Message	N M
Night Letter	N L

If none of these three symbols appears after the check (number of words) this is a day message. Otherwise its character is indicated by the symbol appearing after the check.

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HEAD OFFICE, TORONTO, ONT.

W. G. BARBER, General Manager

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FORM 6124

RA212 50 COLLECT DL

STANDARD TIME

STPAUL ALTA 14 955A

DEPUTY SUPT

DEPT OF INDIAN AFFAIRS OTTAWA ONT

REFERRING TELEGRAM TWELFTH CONTRACTORS REPRESENTATIVE STATES HIS FIRM SUPPLYING MATERIALS FOR LATHING AND PLASTERING AND SUBLETTING LABOR ONLY STOP LATHING BEING DONE BY LATHERS ENGAGED LOCALLY AFTER FINISHING R C CHURCH HERE STOP PLASTERING FOREMAN AND PLASTERERS COMING FROM EDMONTON UNION STOP NEITHER LATHERS NOR PLASTERERS PROCURED IN CALGARY

T GARDINER SMITH.;

This is a Collect message and will be charged to your account unless otherwise indicated otherwise to the contrary.

1930 NOV 14 PM 12 45

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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NIGHT LETTER
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W. G. BARBER, GENERAL MANAGER

RECEIVER'S NO.

TIME FILLED

CHECK

Send the following Night Letter, subject to the terms on back hereof, which are hereby agreed to

Ottawa, Nov. 14th. 1930.

A. U.G. Bury, M.P.,
Edmonton, Alta.

REFERENCE YOUR WIRE TO HONORABLE MR. STEWART EIGHTH INSTANT
RE INDIAN SCHOOL SAINT PAUL REPLY TO DEPARTMENTAL INQUIRY
JUST RECEIVED FROM E GARDNER SMITH INSPECTOR OF CONSTRUCTION
SAINT PAUL AS FOLLOWS QUOTE REFERRING TELEGRAM TWELFTH
CONTRACTORS REPRESENTATIVE STATES HIS FIRM SUPPLYING MATERIALS
FOR LATHING AND PLASTERING AND SUBLETTING LABOR ONLY stop
LATHING BEING DONE BY LATHERS ENGAGED LOCALLY AFTER FINISHING
R C CHURCH HERE STOP PLASTERING FOREMAN AND PLASTERERS COMING
FROM EDMONTON UNION STOP NEITHER LATHERS NOR PLASTERERS PROCURED
IN CALGARY QUOTE TRUST INFORMATION IS SATISFACTORY

G. H. Buskard

Charge I. A.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

November 14th. 1930.

Miss Clapp -

Referring to your memorandum of the 11th. instant enclosing exchange of telegrams which Hon. Mr. Stewart had with Mr. Bury, M.P., I am attaching hereto copy of our telegram asking for information of the Inspector of Construction of the school referred to and also his reply, together with draft reply to Mr. Bury for Mr. Buskard's signature as requested.

C. S. Williams

Acting S. B. G. I. A.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES,
CANADA

CLASS OF SERVICE DESIRED	
Day Message	<input checked="" type="checkbox"/>
Day Letter	<input type="checkbox"/>
Night Message	<input type="checkbox"/>
Night Letter	<input type="checkbox"/>
<small>Patrons should mark an X opposite the class of service desired: OTHERWISE THE MESSAGE WILL BE TRANSMITTED AS A FULL-RATE TELEGRAM</small>	

CANADIAN NATIONAL TELEGRAPHS



HEAD OFFICE, TORONTO, ONT.

W. G. BARBER, GENERAL MANAGER

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Send the following message, subject to the terms on back hereof, which are hereby agreed to

Edmonton, Al'a. Nov. 16, 1930.

Hon. T.G. Murphy,
Minister of Interior, Ottawa

REFERENCE YOUR WIRE STPAUL INDIAN SCHOOL YOUR INFORMATION WRONG
NO STPAUL LATHERS AND NO EDMONTON LATHERS ENGAGED ALL LATHERS
ENGAGED CALGARY MEN OF WHOM TWO FLOATERS WERE MEMBERS EDMONTON
UNION WHEN ENGAGED ON CHURCH BUT THAT WORK FINISHED ALMOST
TWO MONTHS AND THEY TRANSFERRED TO CALGARY UNION AND WORKING
THERE LAST SIX WEEKS STOP BROUGHT FROM CALGARY TO WORK IN
SCHOOL STOP EDMONTON LATHERS OUT OF WORK STOP FOUR MORE
WEEKS WORKS IN SCHOOL

A.U.G. Bury.

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

NIGHT LETTER
CANADIAN NATIONAL
TELEGRAPHS

Form 6107, replacing Form T.W. 2

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HEAD OFFICE, TORONTO, ONT.

W. G. BARBER, GENERAL MANAGER

RECEIVER'S NO.

TIME FILED

CHECK

Send the following Night Letter, subject to the terms on back hereof, which are hereby agreed to

Nov. 18, 1930.

E. Gardner Smith,
Inspector of Construction,
St. Paul, Alta.

Further reference my telegram twelfth and your reply
fourteenth re plastering St. Paul's School have received further telegram from
A. U. G. Bury, M.P. of Edmonton re plasterers. Please communicate immediately
with him and give him all information. He has been advised that Department
cannot compell contractors to employ labour from any particular point where
building is being erected by contract.

A. S. WILLIAMS.
Acting Deputy Superintendent General.

Chg. DIA.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

NIGHT LETTER
CANADIAN NATIONAL
TELEGRAPHS

Form 6107, replacing Form T.W. 2

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HEAD OFFICE, TORONTO, ONT.

W. G. BARBER, GENERAL MANAGER

RECEIVER'S NO.

TIME FILED

CHECK

Read the following Night Letter subject to the terms on back hereof, which are hereby agreed to
As Night Letter No. 10, 1930, Nov. 18, 1930.
Edmonton, Alta.

Replying your telegram sixteenth further
reference plastering St. Paul's School am today telegraphing E. Gardner Smith,
Inspector of Construction to communicate with you re plasterers. Department
cannot of course compell contractors to employ labour from any particular
point where building is being erected by contract.

G. H. BUSKARD.

Chg. DIA.



Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

November 18th. 1930.

Miss Clapp -

I am returning herewith Mr. Bury's telegram to the Minister of the 16th. instant together with draft reply to Mr. Bury from Mr. Buskard; also copy of our wire to Mr. Gardner Smith, with further reference to the matter referred to.

a. d. w.

C. S. Williams

Acting D. S. G. I. A.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

CLASS OF SERVICE	SYMBOL
Day Message	
Day Letter	D L
Night Message	N M
Night Letter	N L

If none of these three symbols appears in the check (number of words in a day message). Other character is indicated by symbol appearing after the check.

CANADIAN NATIONAL TELEGRAM

HEAD OFFICE, TORONTO, ONT.

W. G. BARBER, General Manager

FORM 6154
Exclusive Connection with
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RA506 33 COLLECT NL

STANDARD TIME 1950 NOV 19 PM 11:49

STPAUL ALTA 19

581

R

INDIAN AFFAIRS
NOV 20 1950
RECORDS

DEPUTY SUPERINTENDENT

GENERAL DEPARTMENT OF INDIAN AFFAIRS OTTAWA ONT

REPLYING TELEGRAM EIGHTEENTH AM WRITING MR BURY OF EDMONTON
GIVING HIM THE FACTS CONCERNING THE PLASTERING ARRANGEMENTS
BLUEQUILLS SCHOOL STOP CONDITIONS OF SPECIFICATIONS AND FAIR WAGE
SCHEDULE BEING FULLY OBSERVED BY CONTRACTORS

E GARDNER SMITH.

+

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

most

904

118-1-15-

R

November 20th. 1930.

Miss Clapp -

For your information I am enclosing
a copy of a further telegram just received from
Mr. E. Garoner Smith with respect to the complaint
made by Mr. Bury, M.P., Edmonton, A lta. +

E. W. ...

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Dec. 5, 1930.

Memorandum;

Mr. Buskard.

We will require for the new Blue Quills Indian Residential School, near St. Paul de Metis, a small electric refrigerating plant, similar to that manufactured by the Frigidaire or Kelvinator Co.

Will you please give me the name of a firm in Edmonton who may be employed to furnish and install the required plant.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

118 - 1 - 15^a

Minister's Office
EL.

MEMORANDUM

December 8, 1930.

Dr. Scott.

Replying to your memorandum of the 5th instant, the MacKillop Electric Company, Whyte Avenue, Edmonton, may be employed to install the small electric refrigerating plant required for the new Blue Quills Indian Residential School near St. Paul, Alberta.

+



Private Secretary.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

**PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA**

904

118-1-15A

Ottawa, December 10, 1930.

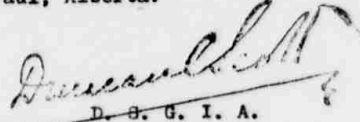
Mr. Orr,-

+

The MacKillop Electric Company,
Whyte Avenue, Edmonton, may be employed to in-
stall the small electric refrigerating plant re-
quired for the new Blue Quill's Indian residential
school near St. Paul, Alberta.

Noted
B.P.

AD


D. S. G. I. A.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Minister's Office

El.

MEMORANDUM

December 6, 1930.

Dr. Scott.

In the attached letter from Mr. C. H. Gauvreau, of St. Paul, Alberta, enquiry is made as to the likelihood of the Department of Indian Affairs undertaking certain work at the Industrial School at St. Paul.

With the return of the letter will you kindly advise me what the Department contemplates doing in this direction.



Private Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

**PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA**

904

December 9th, 1930.

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MEMORANDUM:-

Mr. Buskard.

With reference to the attached letter from Mr. Gauvreau, I may say that it is the intention to clear and break additional land next year at the new Blue Quills Indian Residential School, near St. Paul, Alberta. It is not often that this type of work is awarded by tender. The general practice is for the school to undertake it on a day labour basis.

W.A.

del

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Minister's Office

MEMORANDUM

December 29, 1930

DR. SCOTT -

With reference to your memorandum
of the 9th instant,-

I am sending you, herewith, for
such consideration as may be possible, a letter
addressed to the Minister by Mr. C.H. Gauvreau of
St. Paul, Alberta, dated December 19, in which he
submits an offer to take the clearing of the land
at the Industrial School at St. Paul, at \$6.00
per acre, which he states would cost \$3840.00.



Private Secretary.

Enclosure.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

904

+

January 2, 1931.

Memorandum:

MR. BUSKARD.

With reference to your memorandum of the 29th ultimo, concerning the attached letter from Mr. Gauvreau, I may say that the Department prefers to have this work done under the supervision of the Reverend Principal of the School. In any case, it will have to be postponed until next spring, as there are no funds available for the purpose at the present time.

W.A.
asw

A. S. Williams

A. S. Williams,
Acting Deputy Superintendent General.

Indian Affairs, School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Minister's Office

El.

MEMORANDUM

January 22, 1931.

Dr. Scott.

Will you kindly let me have a further memorandum which will serve as the basis of a reply to the attached letter addressed to the Minister by Mr. G. H. Gauvreau, of St. Paul, Alberta.



Private Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Immediate
Ottawa *Jan 26 1931*
Mr. *Fernie*

Please report on attached letter
and return it to the office of the
Deputy Superintendent General. *+*

Do not file.

*Main Set 1931-2
2000. for clearing
+ fencing*

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

POOR COPY

904

January 27, 1931.

Memorandum:

MR. BUSKARD.

With reference to your memorandum of the 22nd instant, concerning the enclosed letter from Mr. C. H. Gauvreau, of St. Paul, Alberta, I have now to state that arrangements might be made for the clearing of the farm at the new Blue Quills Indian Residential School, provided the Minister's correspondent can finance the work until the spring. That portion of the farm to be cleared would have to be indicated by the Reverend Principal, and I believe the contract should be at a certain rate per acre and should be for clearing, stumping and breaking, complete. Of course, the stumping and breaking would likely have to wait until the early summer, but I believe it advisable to have the job completed by those to whom it is entrusted.

I may say that Mr. F. O. Maurice, the Secretary Treasurer of the Village of St. Paul, has urged the Department to do the clearing this winter, and, in December, Mr. Hector Plante wrote, wanting to quote on the brushing and breaking of 100 acres. He stated he had been doing custom work of this kind for farmers during the past few seasons. Perhaps Mr. Gauvreau would like to have this information if the Minister decides to proceed with the work.

It would be necessary for Mr. Gauvreau to see those who are competent to do this work and who need employment and to make an offer to clear, stump and break a certain specified quarter section, as indicated by the Reverend Principal, at so much per acre. This offer should go to the Reverend Principal himself, who could forward it to the Department with his comment concerning the quotation, etc. If this suggestion is made to Mr. Gauvreau, please let me know, so that we can instruct the Reverend Principal.

Duncan C. Scott

Deputy Superintendent General.

[Handwritten signatures]

Indian Affairs. School Files.
(RG 10, Volume 6340, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Minister's Office

MEMORANDUM

Recd Feb 28/31

February 25, 1931

DR. SCOTT -

Mr. H.R. Milner, K.C., of
Edmonton, is making enquiries regarding
the furnishings for the Indian School near
St. Paul, Alberta. Can you advise me
when it is expected tenders will be called
for same.


Private Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

**PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA**

904

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March 3, 1931.

Memorandum

Mr. Buskard.

With reference to your inquiry of the 25th with regard to the furnishings for the new Blue Quills School near St. Paul, I beg to say that it is the intention to invite tenders towards the end of next month for the furnishings.

In the meantime I would be glad to be furnished with the names of firms from whom prices may be invited for Furniture, Beds, and Kitchen Equipment, also the names of firms from whom prices may be obtained for the building of tables, cupboards, lockers, etc.

Duncan

JK

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

MEMORANDUM


Minister's Office

February 19, 1931

DR. SCOTT -

I am sending you, herewith, a letter addressed to the Minister by the Secretary of the St. Paul Chamber of Commerce, St. Paul, Alta., asking that the contracts for all outbuildings to be constructed at the new Industrial Indian School at St. Paul be given to local contractors.

With the return of the letter, will you please let me have any information you can furnish regarding this request.


Private Secretary.

Enclosure.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

**PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA**

Ottawa, *Feb 23 1931*

Mr. *Arer*

Please report on attached letter
and return it to the office of the
Deputy Superintendent General.

Do not file.

Burs ch \$ 200.00 +

Barns - 1-1-1 -

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

Blue Inks

Feb. 25, 1931.

Memorandum

Mr. Buskard.

With reference to the attached letter from the St. Paul Chamber of Commerce, Inc., I beg to say that an amount of \$7,200 is provided in the estimates for 1931-32 for outbuildings that will be required for the St. Paul School.

Plans and specifications will be prepared and if you so desire tenders could be invited locally by advertising at St. Paul.

[Handwritten signature]

[Handwritten signature]

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

MEMORANDUM

Minister's Office

El.

March 30, 1931. +

Dr. Scott.

When tenders are being called for the furnishings required for the new Blue Quills Indian Residential School near St. Paul, Alberta, will you kindly see that the following Edmonton firms are given an opportunity to submit quotations:

Graham & Reid, Jasper Avenue
National Home Furnishers, Jasper Avenue
Walkinshaw Office Equipment Co.,
McDougall Avenue
R. J. Welsh, 10303 - 101st Street



Private Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

904

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Ottawa, April 1, 1931.

Mr. Orr,-

When tenders are being called for the furnishings required for the new Blue Quills Indian residential school near St. Paul, Alta., kindly see that the following Edmonton firms are given an opportunity to submit quotations : -

Graham & Reid,	Jasper Avenue,
National Home Furnishers,	Jasper Avenue,
Walkinshaw Office Equipment Co.,	McDougall Avenue,
R. J. Welsh,	10303 - 101st Street.

E. S. Williams

Acting D. S. G. I. A.

*HD
a.s.w.*

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES,
CANADA

904

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March 13th. 1931.

Memorandum,-

Mr. Buskard.

The new Blue Quills Indian Residential School, which is located within about two miles of St. Paul, Alberta, will be completed in a couple of weeks, but it will be some time before the authorities move in and occupy the building. It will, therefore, be necessary to appoint a caretaker, temporarily, to live in the building. Will you please advise me who should be appointed. The school authorities cannot undertake to do this because the new school is located approximately fifteen miles from the old building. We would pay the man appointed at the rate of \$3.00 or \$3.50 a day. St. Paul is in the electoral district of Athabaska. A very reliable man should, of course, be selected.

Handwritten initials

1931

Duncan L.M.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Minister's Office

MEMORANDUM

April 10, 1931

DR. SCOTT -

With reference to your memorandum of March 13th, - Mr. Leon Fraser, of St. Paul, Alberta, may be appointed Caretaker for the new Blue Quills Indian Residential School, near St. Paul.


Private Secretary.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

**PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA**

904

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Mr. Orr,-

Ottawa, April 14, 1931.

With reference to your memorandum of the 12th ultimo, Mr. Leon Fraser, of St. Paul, Alta., may be appointed Caretaker for the new Blue Quills Indian residential school.

Duncan L. M.
D. S. G. I. A.

HOD

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA



118-1-14. +

DEPARTMENT OF INDIAN AFFAIRS
CANADA

February 14, 1931.

Memorandum:

DR. SCOTT.

In a few weeks, it will be necessary to supplement the live stock and agricultural machinery and to purchase some workshop tools for the new Blue Quills Indian Residential School. I should be pleased if you would indicate sources of supply for the following:-

- (a) Work horses.
- (b) Milch cows.
- (c) Agricultural implements.
- (d) Blacksmith and work shop tools.

Have we any names on the Purchase list

Russell Drier

*R. J. Weld, Esq.
St. Paul.*

Supt. of Indian Education.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

904

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February 28, 1931.

Memorandum,-

Mr. Buskard.

In a few weeks it will be necessary to supplement the live stock and the agricultural machinery at the new Blue Quills Indian residential school. We will require the following : -

- 6 work horses.
- 10 dual purpose shorthorns and
- implements to the value of about \$850.00.

Would you kindly let me know from whom the above purchases should be made?

The Blue Quills Indian residential school is in the electoral district of Athabaska.

HSD
ABD

D. M. [Signature]

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

Minister's Office
A

MEMORANDUM

Ottawa, April 10, 1931

DR. SCOTT -

With reference to your memorandum of February 28th last, regarding additional live stock and agricultural implements for the new Blue Quills Indian Residential School, near St. Paul, Alta.,- Purchases may be made from the following firms:

Horses - Harold Welsh,
St. Paul, Alta.

Cattle & Implements - Charles Gauvreau,
St. Paul, Alta.


Private Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

904

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Ottawa, April 14, 1931.

Mr. Ferrier,-

With reference to your memorandum of February 14, last, regarding additional livestock and agricultural implements for the new Blue Quills Indian residential school near St. Paul, Alta., kindly note that purchases may be made from the following firms : -

Horses -

Harold Welsh,
St. Paul, Alta.

Cattle & Implements -

Charles Gauvreau,
St. Paul, Alta.

D. S. G. I. A.
D. S. G. I. A.

HSD

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

Minister's Office
E1.

MEMORANDUM

May 11, 1931.

Dr. Scott.

With reference to your memorandum of April 29 relative to the supply of 120 desks for the new Blue Quills Indian Residential School, the Minister has instructed that quotations may be received from the three firms who have requested the privilege of tendering, namely, The E. N. Moyer Company, Limited, of Edmonton, F. E. Osborne, of Calgary, and the Western Seating Company, of Edmonton. Prices may also be obtained from The Canada Seating Co. Ltd., and the Currie School Equipment Co., both of Winnipeg; ~~and~~ the Christie School Supply Ltd., of Brandon, and Mr. Andrew Jackson, 206 Northern Investment Building, Edmonton.



Private Secretary.

Indian Affairs. School Files.
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PUBLIC ARCHIVES
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CANADA

MEMORANDUM

Minister's Office

H

May 18, 1931.

DR. SCOTT.

The Minister has approved of your accepting the offer of the McDiarmid Company, Limited, of Winnipeg, at \$500 for the erection of a concrete extension 10' X 10' for housing the pumping plant at the New Blue Quills School.

I will be able to let you have, in a few days, the names of some Edmonton firms who will be able to quote on necessary equipment.



Private Secretary.

Indian Affairs. School Files.
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PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-15^a

904

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Ottawa, May 20, 1931.

Memorandum:

Mr. Orr.

The offer of the McDiarmid Company, Limited, Winnipeg, at \$500.00 for the erection of a concrete extension, 10' x 10' for housing the pumping plant at the New Blue Quills School, may be accepted.

I will let you have, in a few days, the names of some Edmonton firms who should be asked to quote on the necessary equipment.

A.S. Williams

Acting D.S.G.I.A.

ASW
asw

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA


MEMORANDUM

Minister's Office
El.

June 1, 1931. +

Dr. Scott.

Minister's
The Minister would like a report ~~in connection~~ with the attached from the St. Paul Chamber of Commerce re the construction of the out-buildings at the new Indian Industrial School at St. Paul.

On May 18 the Minister approved the acceptance of the offer of the McDiarmid Company, Limited, Winnipeg, at \$500 for the erection of a concrete extension 10' x 10' for housing the pumping plant at the new Blue Quills School.

In your memorandum of February 23 you state that an amount of \$7,200 is provided in the Estimates for 1931-32 for out-buildings required for the St. Paul School. How much of this amount is it proposed to expend, and will new tenders be asked.

9.7-13
for Private Secretary.

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

904

X

June 1st. 1931.

MEMORANDUM

Mr. Buskard -

Referring to your memorandum of the 1st. instant and attached letter from the St. Paul Chamber of Commerce regarding out-buildings for the new Indian school at St. Paul, I have to say that while it was correct to state on February 23rd. that an amount of \$7,200 was provided in the estimates for these out-buildings, it was after that date struck out owing to the reduction that it was found necessary to make, and there is now no appropriation for out-buildings at the Blue Quills residential school.

Had funds been available the usual procedure would have been followed and tenders asked for by public advertisement.

D. C. [Signature]

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

904

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Ottawa, June 23, 1931.

Mr. Orr,-

With further reference to the installation of a water supply system at the new Blue Quills school, kindly note that the following firms may be asked to quote on the plumbing equipment required : -

Dobbin Heating & Plumbing Co.	Edmonton, Alta.	"	"
Lockerbie & Hole,	"	"	"
W. J. Carmichael, 10666 - 95th St. ..	"	"	"
Nash Plumbing & Heating Co.	"	"	"
O'Neill-Morkin Machinery Co.	"	"	"

Duncan Scott
D. S. G. I. A.

Indian Affairs. School Files.
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PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

40

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June 23, 1931.

MEMORANDUM:

Mr. Baskard.

Will you please furnish me with names of
firms from whom prices may be obtained for the Beds,
Furniture and Kitchen Equipment required for the new
Blue Quills Indian Residential School near St. Paul, Alta.

[Handwritten initials]

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

Minister's Office

E1.

MEMORANDUM

June 26, 1931. +

Dr. Scott.

Re your memorandum of the 23rd instant regarding beds, furniture and kitchen equipment required for the new Blue Quills Indian Residential School near St. Paul, Alberta, quotations may be obtained from the following:-

Beds & Bedding -

H. H. Crawford Co. Ltd. *Edmonton 10046-102 St*
Great West Saddlery *10137-104 1/2 St*
Hotel Equipment & Supply Co. *10039-101 St*
M. H. Stewart Co., Ltd. (beds) *Parcell Bldg Edmonton*

Hardware, Glass, Crockery -

Western Hardware Scona Ltd. *10402 44th St*
Delton Hardware Co. *8131 - 118th Ave*
Metals Ltd. *104th St - 102nd Ave*
Opportshauer & Sons *31st Plain*
Spruce Grove Hardware Co. *Spruce Grove*
Jos. E. Lambert *Vulcania, Alta*
Shragge Bros. *10335 44th Ave. Ed*
Wm. Hunter *Parcell - Alta*
Hotel Equipment & Supply Co.
Marshall-Wells Alberta Co., Ltd. (wholesale) *Edmonton*

Furniture -

Graham & Reid *- Jasper Ave Edmonton*
National Home Furnishers *- Edmonton*

Edmonton.

All these firms are located in or near

[Signature]
Private Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

904

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Mr. Orr,-

Ottawa, June 29, 1931.

Mr. Ferrier,-

The following firms should be asked to quote on the beds, furniture and kitchen equipment required for the new Blue Quills Indian residential school near St. Paul, Alta. : -

Beds & Bedding -

- H. H. Crawford Co. Ltd. 10046 - 102 St., Edmonton
- Great West Saddlery 10137 - 104th St., "
- Hotel Equipment & Supply Co. 10039 101A Ave., "
- M. H. Stewart Co., Ltd. (beds) Purcell Bldg., "

Hardware, Glass, Crockery -

- Western Hardware Scona Ltd. 10402 Whyte Ave., "
- Delton Hardware Co. 8131 - 118th Ave., "
- Metals Ltd. 104th St., & 102nd Ave. "
- Opportshauser & Sons Stony Plain, Alta.
- Spruce Grove Hardware Co., Spruce Grove, Alta.
- Jos. E. Lambert Villeneuve, Alta.
- Shragge Bros. 10338 Whyte Ave., Edmonton.
- Wm. Hunter Busby, Alta.
- Hotel Equipment & Supply Co. Edmonton.
- Marshall-Wells Alberta Co., Ltd. (wholesale) Edmonton.

Furniture -

- Graham & Reid Jasper Ave., Edmonton.
- National Home Furnishers Edmonton.

All these firms are located in Edmonton or near.

D. B. G. I. A.

Indian Affairs. School Files.
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PUBLIC ARCHIVES
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CANADA



July 10.31

DR. SCOTT

Your memorandum June 8 -

The following firms may be asked to submit prices for the building of tables, cupboards, pews, etc. for the new Blue Quills Residential School near St. Paul:

W.H.Clark & Co. Ltd., 109 St., Edmonton
Hayward Lumber Co. Ltd., Edmonton
D.R.Fraser Co. Ltd., Edmonton

on this occasion
IF THEY DO NOT QUOTE, prices may be asked from
Cushing Brothers, Edmonton.


Private Secretary.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

904

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July 11, 1931.

MR. ORR:

The following firms may be asked to submit prices for the building of tables, cupboards, pews, etc. for the new Blue Quills Residential School near St. Paul :-

W. H. Clark & Co. Ltd., 109 St. Edmonton
Hayward Lumber Co. Ltd., "
D.R. Fraser Co. Ltd., "

If they do not quote, prices may be asked on this occasion from Cushing Brothers, Edmonton.



D. S. G. I. A.

Indian Affairs. School Files.
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PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA




July 20.31

DR. SCOTT:

Supplementing my memorandum July 10
-prices for the building of tables, cupboards
pews, etc. for the new Blue Quills Residential
School near St. Paul -

Kindly see that CANADA PRODUCTS LIMITED,
Box 459, Edmonton, is given an opportunity to tender.


Private Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

904

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Ottawa, July 22, 1931.

Mr. Orr,-

With further reference to my memorandum of the 11th instant, regarding the firms to submit prices for the building of tables, cupboards, pews, etc., for the new Blue Quills residential school near St. Paul, kindly see that CANADA PRODUCTS LIMITED, Box 459, Edmonton, is given an opportunity to tender.

Duncan Scott
D. S. G. I. A.

AD

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

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July 21st. 1931.

MEMORANDUM

Mr. Buskard -

I am in receipt of a telegram from the Parkhill Bedding Company of Winnipeg asking why they have not been requested to quote for the beds and bedding required for the new Blue Quills residential school. In asking for quotations I followed the list submitted by you in memorandum of June 26 which included only retail dealers at Edmonton.

The Parkhill Bedding Company have been asked to tender on previous occasions and were the successful tenderers for the Muscowequan school. If the Parkhill people are allowed to compete I presume it will be necessary to bring in other wholesale dealers. Any wholesale dealer I would think would give better prices than the local retailers.

set

Duncan Scott

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

MEMORANDUM

Minister's Office


H

Ottawa, Ontario.
July 23, 1931.

DR. SCOTT:

In reply to your memorandum of the 21st instant, please be advised that the Parkhill Bedding Company, of Winnipeg, may be requested to quote on the beds and bedding required for the Blue Quills Residential Indian School, at St. Paul, Alberta.

Prices are also to be obtained from Simmons Limited, of Winnipeg.



Private Secretary.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

**PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA**

118-1-12

904

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July 25, 1961.

Memorandum

Mr. Orr.

The Parkhill Bedding Co. of Winnipeg
may be requested to quote in the beds and bedding required
for the Blue Quills Residential School at St. Paul, Alta.
Prices may also be obtained from Simmons Limited, of Winnipeg.

Duncan Scott

D. S. G. I. A.

del

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

904

116-1-12

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August 8, 1931.

Memorandum

Mr. Williams.

Attached hereto is an analysis of the tenders received for the furnishings required for the new Blue Mills School. Prices were asked from firms, the names of which were obtained from the Minister's office. The following are the prices received,-

<u>FIXTURES.</u>	<u>NAMES OF FIRMS ASKED TO QUOTE.</u>	<u>PRICES RECEIVED.</u>
	W. H. Clark & Co. Ltd., Edmonton,	\$5,510.00 (all items not quoted on.
	Canada Products Ltd. "	\$7,131.27
	Keyward Lumber Co., "	\$7,165.50
	D. R. Fraser Co. Ltd., "	NO QUOTATION RECEIVED.

The D. R. Fraser Co. Ltd. handed their tender form to the firm of W. H. Cushing Limited of Edmonton, who submitted a price of\$6,300.00

<u>FURNITURE.</u>		
	Graham & Reid, Edmonton,	\$2,056.55
	National Home Furnishers, Edmonton,	\$2,090.30
<u>RED. ETC.</u>	Parkhill Bedding Co., Winnipeg.	\$2,412.39 (\$2362.00 if given entire order)
	Simmons Limited, Winnipeg.	\$2,415.94
	H.E. Crawford Co. Ltd., Edmonton,	\$2,752.50
	M.E. Stewart Co. Ltd., Edmonton,	\$2,819.30
	Great West Saddlery, Edmonton,	NO QUOTATION RECEIVED.
	Hotel Equipment & Supply, Edmonton.	" " "

<u>KITCHEN UTENSILS.</u>		
	J. E. Lambert, Villeneuve, Alta.	\$ 760.09
	Western Hardware Secma Ltd., Edmonton	NO QUOTATION RECEIVED.
	Dolton Hardware Co. Ltd., Edmonton	" " "
	Metals Limited, Edmonton,	" " "
	Opperishammer & Sons, Stony Plain, Alta.	" " "
	Spruce Grove Hardware Co. Spruce Grove,	" " "
	Shragge Bros., Edmonton,	" " "
	Wm. Hunter, Bushy, Alta.	" " "
	Hotel Equipment & Supply Co., Edmonton.	" " "
	Marshall-Wells Alberta Co., Edmonton.	" " "

I beg to recommend that the order be placed in each case with the firm quoting the lowest price.

ARCHITECT.

Approved, if prices considered fair & just. T.G.M.

Indian Affairs, School Files. (RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES ARCHIVES PUBLIQUES CANADA



House of Commons
Canada

Ottawa, August 3, 1931.

Dr. Duncan C. Scott,
Deputy Superintendent General of Indian Affairs,
Ottawa, Ont.

Dear Doctor Scott:

Re Blue Quills Indian School.

I understand that the Waterman-Waterbury Company of Edmonton, have tendered for the supply of 100 desks for the above school, and I write to say that this company has the confidence of our people in Edmonton as one whose tender is worthy of special consideration.

I know of course that the principle of tendering will have to be maintained; but it may be that the figures will be such as to make it useful for the department to have knowledge as to the reliability of the firm and the quality of the work it may be expected to do or supply. If this company's tender can be accepted I should be very pleased.

Yours very truly,

AUGE/N

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

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August 5, 1931.

B.P.O. /

Dear Mr. Bury,-

I have your letter of the 3rd instant, written on behalf of the Waterman-Waterbury Company of Edmonton, who have tendered on the supply of desks for the new Blue Quills Indian residential school. On an analysis of the tenders, which has just been made, I find that the tender of Waterman-Waterbury Manufacturing Company is not the lowest. The tender of the Christie School Supply Co., of Brandon, which is the lowest, is being accepted.

Yours very truly,

W.C.L.

Duncan Scott

A. U. G. Bury, Esq., M.P.,
Edmonton, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

Minister's Office

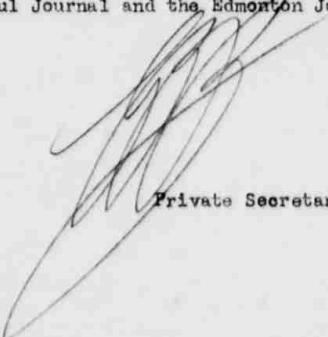
MEMORANDUM

August 5.31

DR. SCOTT:

Your memorandum July 28- erection
of a barn for the new Blue Quills School, St. Paul -

Tenders may be advertised for in the
St. Paul Journal and the Edmonton Journal.



Private Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

+

Ottawa, August 6, 1931.

Mr. Orr,-

With reference to the erection of a barn for
the new Blue Quills school at St. Paul, Alta., the advertise-
ment calling for tenders may be inserted in the St. Paul
Journal and the Edmonton Journal.

B10
/

A. S. Williams

Acting D. S. G. I. A.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Minister's Office

El.


MEMORANDUM

August 6, 1931. +

Dr. Scott.

Will you please have a set of the plans and a copy of the specifications for the barn to be erected at the Blue Quills Residential School mailed to Mr. H. S. Fraser, Contractor, of St. Paul, Alberta.

This is the work which is to be advertised in the St. Paul Journal and the Edmonton Journal.


Private Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Mr. Orr,-

Ottawa, August 8, 1931.

SP.

Kindly have a set of plans and a copy of the specifications for the barn to be erected at the Blue Quills residential school mailed to Mr. H. S. Fraser, Contractor, of St. Paul, Alta.

This is the work which is to be advertised in the St. Paul Journal and the Edmonton Journal.

C. S. Williams

Acting D. S. G. I. A.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

Minister's Office
21.

MEMORANDUM


August 6, 1931. +

Dr. Scott.

If you will refer to your file dealing with the appointment of a Caretaker for the new Blue Quills Indian Residential School, you will find that instructions were issued on April 10 to the effect that Mr. Leon Fraser, of St. Paul, Alberta, was to be engaged in that capacity.

The Minister is now informed that Mr. Fraser desires to be relieved of his appointment, and he has authorized the employment in Mr. Fraser's place of Mr. Wilfrid Genereux, also of St. Paul.

Will you kindly take the necessary action.


Private Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

+

Ottawa, August 8, 1931.

Mr. Orr,-

RP

With reference to memorandum to you of April 14, last, in which it was stated that Mr. Leon Fraser, of St. Paul, Alta., was to be appointed Caretaker for the new Blue Quills Indian residential school, I have to advise you that we have been informed that Mr. Fraser desires to be relieved of his appointment, and the employment of Mr. Wilfrid Genereux, of St. Paul, in his place is hereby authorized. Kindly take the necessary action in this regard.

C. S. Williams

Acting D. S. G. I. A.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

904

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July 22, 1931.

Memorandum:

MR. BUSKARD.

Funds are available for the breaking and discing of the 100 acres that have been cleared at the new Blue Quills Indian Residential School near St. Paul, Alberta, in the federal district of Athabasca. The clearing was given to Mr. Hector Therrien, of St. Paul, after communication with Mr. G. H. Gauvres. Please see my memorandum of January 27th in this connection.

Mr. Therrien has made a satisfactory offer to do the breaking and discing for a total of \$8 per acre. Should the work be given to him? If not, please let me have the name of a competent man.

[Handwritten signatures]

Duncan C. Scott

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Minister's Office
E1.

MEMORANDUM

August 11, 1931. +

Mr. Williams.

Re Dr. Scott's memorandum of July 22, breaking and disoing of 100 acres cleared at the new Blue Quills Indian Residential School at St. Paul -

Will you kindly consider the attached tender from Mr. Jeremie Faucher, of St. Paul, together with that of Mr. Hector Therrien, and let me have your views.

Geo. Busland / pm J.C.

Private Secretary.

Indian Affairs. School Files.
(RC 10, Volume 6340, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

August 12, 1951. +

Memorandum:

MR. BUSKARD.

I have your memorandum of the 11th instant, with the enclosed telegram, with reference to breaking and discing 100 acres at the new Blue Quills Indian Residential School at St. Paul, Alta. Mr. Faucher's price is about the same as that of Mr. Therrien. Mr. Therrien's quotation in detail was as follows:-

Breaking	-	-	\$6.00
Discing 4 times	-	-	2.00
Dragging with heavy harrows	-	-	.50
Picking roots	-	-	.25
Picking stones	-	-	.50
Floating	-	-	.50
Light harrowing	-	-	.25
Total	-	-	\$ 10.00

It is not the intention to do more than break and disc the land at this time. The school management should be responsible for the lighter work on the land, without cost to the Department. Mr. Therrien's quotation for breaking and four discings was \$8.00 and I believe that Mr. Faucher, also, would be quite willing to do the work at this price.

My suggestion is that I telegraph Mr. Agent Gullion to interview both Mr. Faucher and Mr. Therrien of St. Paul and to have them divide the work. There is not much time remaining before harvest and it is necessary to take early action. Please let me know if this meets your views.

A.S.W.
A.S.W.
A.S. Williams
A. S. Williams,
Acting Deputy Superintendent General.

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA


MEMORANDUM

Minister's Office
Et.

August 11, 1931. +

Mr. Williams.


The following appears in a letter received by the Minister:-

"Re Blue Quills Indian Residential School.

"Would you be kind enough also to inform me if you are going to supply the school with horses, cattle and machinery. If it is your intention to do so I can give you the names of reliable agents here who could give you entire satisfaction.

"The same would apply to the painting of the floors or other work which could also be done by local contractors."

Will you kindly furnish the information asked for.


for Private Secretary.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

904

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August 12, 1931.

Memorandum:

MR. BUSKARD.

With reference to your memorandum of yesterday's date, concerning supplying the Blue Quills Indian Residential School with horses, cattle and machinery, I may say that during the next few months, a few purchases will have to be made. On April 10th, last, you gave me a memorandum concerning sources of supply for live stock and implements. If there are any others that you wish to have quote, please let me know.

Concerning the painting of the floors at the new school, I may say it is not the intention to proceed with this work this year.

A.S.
A.S.W.

A.S. Williams
A. S. Williams,
Acting Deputy Superintendent General.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Wynant

MEMORANDUM

Minister's Office

El.

August 19, 1931. *+*

Mr. Williams.

on file

I am returning herewith the copy of Mr. MacKenzie's telegram to Jeremie Faucher, of St. Paul, Alberta, together with Mr. Faucher's reply, in which Faucher undertakes to break and disc one hundred acres at the Blue Quills Indian Residential School at \$8.00 per acre.

Please note that Senator Robertson, Acting Superintendent General, has approved of this work being placed with Mr. Faucher.


Private Secretary.

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

**PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA**

Immediate

904

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Ottawa, August 20, 1931.

Mr. Ferrier,-

With reference to the breaking and discing of 100 acres of land at the Blue Quills Indian residential school at \$8.00 an acre, kindly note that this work may be placed with Mr. Faucher.

A. S. Williams

Acting D. S. G. I. A.

MSD
e. s. w.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

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Ottawa, August 31, 1931.

Mr. Ferrier,-

Mr. Buskard wishes to have the following information this afternoon for sure : -

How many head of horses and cattle will be required for the Blue Quills school and the approximate price to be paid, also a list of the machinery required.

C. S. Williams

Acting D. S. G. I. A.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

904

+

August 31, 1931.

Memorandum:

MR. BUSKARD.

Pursuant to telephone conversation this afternoon, I have to inform you that horses, cattle and agricultural machinery will be purchased for the Blue Quills Indian Residential School, in the electoral district of Athabasca, from time to time, during the next few months, as required. The original requisition from the Reverend Principal indicated that six horses, ten cows and the following agricultural machinery would be required:-

Breaking plough,	Mower,
Gang plough,	Rake,
Disc,	Wagon,
Harrow,	Bob sleigh.
Drill,	

I may say it is not the intention to purchase any of this equipment until the Reverend Principal writes that particular stock or machinery is then required. The current prices for the locality of St. Paul, Alberta, will be paid when purchase is made. It is possible that a team or two of horses, the ten cows, a harrow, wagon and bob sleigh will be required during the next few months and that the rest of the equipment and stock will be needed in the spring.

ASW

A. S. Williams

A. S. Williams,
Acting Deputy Superintendent General.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

September 5, 1931.

Memorandum:

MR. BUSKARD.

The Department now wishes to fence the new farm at the Blue Quills Indian Residential School, near St. Paul, Alberta. It is proposed to fence the whole section and to erect a cross fence to protect the 100 acres that are being prepared for crop next year. The local management has secured a price of \$264 from Marshall-Wells Alberta Company, of Edmonton, for wire, staples and gates, and a price of \$330 for the posts from the Hayward Lumber Company, of St. Paul. As these firms are on the list and their prices are satisfactory, I wish to recommend that the business be awarded to them. The labour will be done entirely by Indians, under the direction of the school management.

A.S.W.
W.S.

A. S. Williams
A. S. Williams,
Acting Deputy Superintendent General.

Indian Affairs, School Files,
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES,
CANADA

MEMORANDUM

Minister's Office

H

September 17, 1931.

DR. SCOTT:

Re. Fencing of the Farm at the
Blue Quills Indian Residential
School.

If the prices quoted by Marshall-Wells
and the Hayward Lumber Company for wire, gates and
posts are satisfactory, the business can be placed
with them.



Private Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

904

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Ottawa, September 19, 1931.

Mr. Ferrier,-

Re: Fencing of the Farm at the
Blue Quills Indian Residential
School.

If the prices quoted by
Marshall-Wells and the Hayward Lumber
Company for wire, gates and posts are
satisfactory, the business may be placed
with them.

D. S. G. I. A.
D.S.G.I.A.

AS
AS

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

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September 5, 1931.

Memorandum:

MR. BUSKARD.

In the near future, the furnishings for the new Blue Quills Indian Residential School, near St. Paul, Alta., will have to be delivered to the school, uncrated and set up. The Principal of the institution, with his staff and older boys, will be responsible for most of this work, but it will likely be necessary to engage someone at St. Paul with a truck, who could assist for a week or two. Will you please let me have the name of a man for this purpose.

W.F.
CSW.

A. S. Williams
A. S. Williams,
Acting Deputy Superintendent General.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Minister's Office
A

MEMORANDUM

September 19, 1931

MR. WILLIAMS,
Asst. D.S.G.

With reference to your memorandum
of the 5th instant,-

Mr. Joseph H. Alexander, of
St. Paul, Alberta, is in a position to furnish
the truck and service necessary at the Blue Quills
Indian Residential School, and may be engaged for
the time required.



Private Secretary.

Indian Affairs. School Files.
(RC 10, Volume 6340, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

904

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Ottawa, September 21, 1921.

Mr. Ferrier,-

Mr. Joseph H. Alexander, of St. Paul, Alberta, is in a position to furnish the truck and service necessary at the Blue Quills Indian Residential School, and may be engaged for the time required to deliver, uncrate and set up the furniture.

J.S.W.
Acting D.S.G.I.A.

HSD
a.s.w.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

904

+

Ottawa, September 21, 1931.

Mr. Ferrier,-

Mr. Joseph H. Alexander, of St. Paul, Alberta, is in a position to furnish the truck and service necessary at the Blue Quills Indian Residential School, and may be engaged for the time required to deliver, uncrate and set up the furniture.

a.s. 10

Acting D.S.G.I.A.

HSD
a.s.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

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October 14, 1951.

Memorandum:

MR. BUSKARD.

I wish to refer to my memorandum of the 5th ultimo and to your reply of the 19th, with reference to trucking and setting up furniture at the Blue Quills Indian Residential School. I am enclosing copy of a letter I have received from the Reverend Principal in this connection.

Encl.



Duncan C. Scott

Indian Affairs, School Files,
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES,
CANADA

Minister's Office

El.

MÉ MORANDUM

October 19, 1931.

Dr. Scott.

The Minister has read the letter from the Reverend Joseph Angin with regard to the trucking and setting up of furniture at the new Blue Quills School. As this particular job is about completed, the Minister is prepared to allow Mr. Telesphore Lord to continue.

If, however, any additional work of the kind is required in the future, it is to be given to Mr. Joseph H. Alexander, of St. Paul. Do you consider this likely? *Report please*

2
likely NO

H.
for Private Secretary.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

+

October 20, 1931.

MR. FERRIER:-

AP.

With reference to your memorandum of October 14th regarding trucking and setting up furniture at the Blue Quills Indian Residential School, as this particular job is about completed Mr. Telesphore Lord may be allowed to finish the work. If however, any additional work of this kind is required in the future it is to be given to Mr. Joseph H. Alexander, of St. Paul.

C. S. Williams

Acting D. S. G. I. A.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

904

7

October 20, 1931.

Memorandum:

Mr. Buskard

With reference to the inquiry in the second paragraph of your memorandum of October 19th, I have to advise you that the Superintendent of Indian Education states that it is unlikely that there will be any work in the future such as is now being done by Mr. Telesphore Lord, namely, trucking and setting up of the furniture at the new Blue Quills School. We have, however, made a note of the name of Mr. Joseph H. Alexander, of St. Paul.

B.L.O.

e.s.w.

J. S. Williams

Acting Deputy Superintendent General.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

X

October 7th. 1931.

MEMORANDUM

Mr. Buskard -

As the contract for the new barn
Blue Quills School will be awarded shortly, I would
ask you to kindly give me the name of a competent
inspector who may be employed to supervise the
construction. It is thought that two inspections
a week would be sufficient, and he will be paid at
the rate of \$6.00 per day for two days a week.

set

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Minister's Office

EL.

MEMORANDUM

October 19, 1931.

Dr. Scott.

Mr. H. S. Fraser, of St. Paul,
may be engaged as Inspector to supervise
construction of the new Blue Quills barn.

In your memorandum of October 7
you mention that it is thought two inspections
a week will be sufficient, at the rate of
\$6.00 per day.

for Private Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6340, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

904

X

October 20, 1931.

MR. ORR:

With reference to the construction of the new barn for the Blue Quills Residential School, Mr. H. S. Fraser, of St. Paul, is to be engaged as Inspector to supervise the construction. I think it was considered that two inspections a week would be sufficient, and remuneration was to be at the rate of \$6.00 per day for two days a week.

BP

C. S. Williams
Acting D. S. G. I. A.

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

MEMORANDUM

Minister's Office

H

November 11, 1951.

DR. SCOTT.

Will you please let me have a memorandum stating what action was taken on the memo sent you on the 4th instant concerning the construction of the barn at the Blue Quills Indian Residential School.

I understand that you discussed this matter with the Minister but I would like the memorandum to complete my files and enable me to draft a reply to the wire received from Mr. H. S. Fraser.



Private Secretary.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

904

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November 16, 1931.

Memorandum:

Mr. Buskard

Re Inspector of Construction,
Blue Quills Residential School Barn.

With reference to your memorandum of the 11th instant, I have to advise you that I explained to the Minister that there was regrettable delay in informing Mr. H. S. Fraser that he had been appointed Inspector of this work. When this fact came to my notice owing to your memorandum of the 4th instant, I immediately wired both to the Agent and Mr. Fraser. Copies of these wires are attached hereto. I thought in the circumstances it was best for me to telegraph immediately.

scl

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

MEMORANDUM

Minister's Office

7

March 14, 1933.

DR. MCGILL:

Mr. WALTER ALLEN, of ST. PAUL, is to be listed for the supply of cattle and stock, and is, particularly, to be asked to quote on the five cows for the Blue Quills School, provided for in this year's estimates.


Private Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

PRIVATE PAPER

From 27/3/30
to 1/3/33

90

118-1-5
T.
March 16th. 1933.

Schools Branch -

Please note that when the time arrives for the purchase this year of five cows for the Blue Quills school, Mr. Walter Allen, of St. Paul, Alberta, is particularly to be asked to quote prices.

Mr. Allen's name is also to be noted for any purchase of cattle and stock.

Henry

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

110-15
Age Federation
St Pauls alta
Re drilling well
Blue Hills Sub
 CC 1393
 42 CC # 7747

DUPLICATE, FOR DEPARTMENT.

R.P.4
W.P.M.

No. **82**

Bank of Montreal,

\$ **150.00** Ottawa, **Sep. 5-23**

RECEIVED from **Dep't Indian Affairs.**
 on account **Indian Funds.**

the sum of **One hundred and fifty00/00** Dollars,
 which amount will appear at the RECEIVER GENERAL'S credit with this
 Bank.

Signed in Triplicate,

M. J. Gulleray
 Pro. Manager.

Ent'd.....

Indian Affairs. School Files.
 (RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Blue Quills Ind.Res.School,
Saint-Paul.A Alta.

Requisition for the year 1934

For Farm:

6 work horses, cost to be approximately	\$ 600.00
2 sets double harness with collars,	\$ 100.00
1 mower, 6 feet	
1 hay rake, 10 feet	
1 gang plow, 14 inc.	
1 wagon, low wood-wheel truck	

Outbuildings:

1 granary, 40 X 24, 3 partitions inside
1 hen-house for 200 chickens, if possible

Material for fencing playgrounds for boys and girls,
cost to be approximately \$ 250.00

Note: The horses and harnesses will be wanted early next spring for farming; otherwise, it will be impossible to seed 130 acres we have just now with an only gang of 4 horses. The implements will be wanted next June, and the outbuildings, next summer.

Angin
Rev. Jos. Angin,
Principal.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Blue Quills Ind. Res. School,
Saint-Paul. Alta.

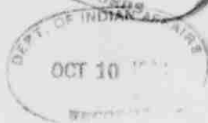
119-1-5

Mr. Sutherland
to Mr. Sutherland

Mr. J. D. Sutherland, Esq.
Supt. of Indian Education,
Ottawa.



Oct. 4th 1933



Sir,

Please find enclosed the requisition needed for the year 1934. I have sent already to the Department a copy of this requisition through Mr Inspector Christianson for his approval; but as I heard lately that Mr Christianson was sick, I doubt if it has reached you. On this requisition, I did not mention the linoleum, as you know by yourself what we need in this connection.

I have received the registers, the application forms and the map. Also, I have received the 2 bats and the playground balls, for which I thank you very heartily. This last equipment will accommodate the small boys and the girls, the big boys playing baseball under the direction of Mr S. Pitre, teacher.

Yours truly,

Rev. Jos. Angin,
Principal

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

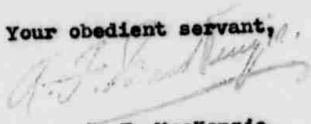
118-1-5. 2719


Ottawa, November 24, 1933.

Sir:

With reference to the condition of the floors in the main building at the Blue Quills Indian Residential School, which are dusty and unsanitary, and also regarding the request of the Principal, made to Mr. Sutherland of this Department during his visit at the school in September, last, I would request that you have the Principal state the length and width of Battleship linoleum required for the corridors on the main floor and the first floor of the building. It is not necessary that this material, if supplied, be the full width of the corridors. You might also give the size of the Principal's room and office and that of the Sister Superior and two or three of the staff rooms. This information is required as soon as possible, in order that, if funds can be found in the Appropriation for the present fiscal year, full particulars will be on hand for the supplying of Battleship linoleum for the corridors and congolesum for the Principal's and staff rooms.

Your obedient servant,


A. F. MacKenzie,
Secretary.


W. E. Gullion, Esq.,
Indian Agent,
Saddle Lake, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

DEPARTMENT OF INDIAN AFFAIRS
CANADA

SCHOOLS BRANCH
DEC 13 1933

118-1-5
R
OFFICE OF
INDIAN AGENT
SADDLE LAKE, Alberta.

December 5th, 1933.

Sir:-

Referring to your letter No. 118-1-5 of the 24th ultimo in regard to Battleship linoleum required for the corridors on the main floor and first floor of the main building at the Blue Quill's Residential school, I beg to inform you that I visited the school yesterday and the following measurements were obtained:-

Corridors, main floor -	Length	90 feet,	Width	6 feet.
" " First " -	"	90 "	"	6 "
Corridor leading to chapel, "	44 "	"	"	6 "

The rooms are as follows:- Principal's room and office - length 34 feet, width 14 feet. There are two partitions and the linoleum for this would have to be cut to fit. The Sister Superior's room and three of the staff rooms are all of the same size, being 14 feet by 10 feet.

I might mention that six feet is the full width of the corridors.

Your obedient servant,

W. B. Gullion
W. B. Gullion
Indian Agent.

The Secretary,
Department of Indian Affairs,
Ottawa, Ont.

St Paul acts

*Charlton Report No. 51
Dec Dec 29/33*

*150 sq yds Battleship L. = 229.50
75.00
307.50
Compulsory Regs
6 rps 9 x 1200*

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY



118-1-5.

DEPARTMENT OF INDIAN AFFAIRS
CANADA

December 19, 1933.

Memorandum:

Mr. PARKER.

I would request that you arrange for the purchase and delivery, for use of the Blue Quills Indian Residential School, St. Albert, Alta., of the following quantities of Battleship linoleum and congoleum rugs:-

- 150 sq. yds. Battleship linoleum, "AA" Quality
- 6 Congoleum Rugs, 9' x 12'.

The Battleship linoleum is required for the corridors, as follows:-

- Main Floor - 90 ft. x 6 ft.
- First " - 90 " x 6 ft.
- Corridor leading to Chapel - 44 " x 6 ft.

The congoleum rugs are required for the Principal's room and office and the staff rooms - these rooms being 14 ft. by 10 ft., and the Principal's office, 12 ft. by 14 ft. It is considered that rugs 9 x 12 ft. should be large enough to meet requirements.

The above equipment should be shipped to:-

Rev. Jos. Angin, O. M. I.,
Blue Quills Indian Residential School,
St. Paul, Alta.

The account, in triplicate, covering the cost, should be forwarded to W. E. Gullion, Indian Agent, Saddle Lake, Alta. When the above equipment has been received at the school, you should certify the accounts and forward them to Ottawa for payment. An encumbrance certificate will be obtained when the account has been received.

*Edmund J. ...
approved ...*

Smith Alberta Ltd
Anderson Bay Co
H. H. Crawford Ltd
Hotel Equipment & Supply Co
M. D. Stewart Co Ltd.

A. Duthie

Indian Affairs. School Files.
 (RG 10, Volume 6346, File 751-5, part 5)
 PUBLIC ARCHIVES
 ARCHIVES PUBLIQUES
 CANADA

COPY OF PURCHASE ORDER ISSUED FOR HEAD OFFICE DEPT. OF INDIAN AFFAIRS, OTTAWA, FOR YOUR FILES.

ORDER No. 322
REQ'N No.

December 19th 33.

M. [Signature]
Dominion Oilcloth & Linoleum Co.,
Montreal, Que.

Principal, Indian Residential School,
St. Paul, Alberta.



Mr. W.E. Gullion, Indian Agent, Saddle Lake, Alta.

150 yds. 6' wide Battleship Linoleum "AA" quality, brown per sq. yd. \$1.55

Sales Tax included in price.
St. Paul, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

118-1-5.

Ottawa, December 21, 1933.

Sir:

I have your letter of the 5th instant, stating the length and width of the Battleship linoleum required for the corridors and the staff rooms at the Blue Quills Indian Residential School.

In this connection I have to inform you that an order is being placed for the supplying of 150 square yards of Battleship linoleum. This will provide sufficient for the corridors on the main and first floors of the building and for the corridors leading to the chapel. This material is being supplied by the Dominion Oilcloth & Linoleum Company, Montreal, Que. It is hoped that this shipment will be satisfactory and that it will greatly improve the condition of the floors in the corridors of the school. The account, in triplicate, covering the cost, will be sent you, and, when the material arrives, you should certify and forward the account to the Department for payment.

Regarding the rugs required for the Principal's room and office and for the staff rooms, it is considered that congoleum rugs would be both serviceable and satisfactory. You may arrange for the purchase of six congoleum rugs, size 9 x 12 ft. You should obtain prices for the supplying of these, f. o. b. St. Paul, from the following firms in Edmonton:-

Gault's Alberta, Limited, H. H. Crawford, Ltd.,
Hudson's Bay Company, Hotel Equipment & Supply Co.,
M. H. Stewart Company, Ltd.

The order should be placed with the firm quoting the best price. Please obtain an itemized account, in triplicate, covering the cost, which you should attach to proper voucher forms, certify in the usual manner and forward for payment. The quotations which you receive for supplying the rugs should be attached to your voucher.

It is necessary that the accounts covering the cost of the Battleship linoleum and the congoleum rugs reach the Department before the end of March, next, in order that payment can be made from the present fiscal year's appropriation.

Your obedient servant,

A. F. MacKenzie
A. F. MacKenzie,
Secretary.

W. E. Gullion, Esq.,
Indian Agent,
Saddle Lake, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

CABLE ADDRESS
DOMOLCLOTH



ABC 5TH & 6TH EDMS
BENTLEY'S

118-1-5

Dominion Oilcloth & Linoleum Co. Limited

Montreal December 21st, 1933.

DEC 26 1933

Department of Indian Affairs,
OTTAWA - Ont.



Dear Sirs: Attention Purchasing Agent

We are in receipt of your valued order of the 19th instant, NO. 322, for 150 yards 6' wide of AA Brown Battleship Linoleum, which we have booked with thanks for shipment to Principal, Indian Residential School, St. Paul, Alta.

We understand you desire 150 lineal yards, or 300 square yards, and will effect shipment of this quantity by freight to-morrow unless advised to the contrary by wire immediately on receipt of this letter. Invoices will be mailed as per your instructions.

Awaiting your further esteemed commands, and with the compliments of the season, we are,

Yours very truly,

DOMINION OILCLOTH & LINOLEUM CO. LIMITED
SALES DEPT.

Per: [Signature]

JP:FD

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Ottawa, December 26th., 1933.

Rev. Sir,-

lc

At the request of the Schools Branch, this branch ordered some battleship linoleum from the Dominion Oilcloth and Linoleum Co. Ltd., and the company has inadvertently shipped to you 150 lineal yards of the linoleum (6' wide) instead of 75 lineal yards, in effect double the quantity that was required. You will please therefore hold the extra quantity that has been shipped you until you receive further directions, as the company will take back what was inadvertently over-shipped.

Yours truly,



G.S. Parker
Acting Purchasing Agent.

Rev. Jos. Angin, O.M.I.,
Blue Quills Indian Residential School,
St. Paul, Alta.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

F. 118-1-8

Ottawa, December 26th., 1933.

Dear Sirs,-

Attention Sales Manager

RC
A telephone conversation took place between your Sales Department this morning and Mr. S. Cookson, of the Purchasing Branch, with reference to the shipment of battleship linoleum to the Indian Residential School at St. Paul, Alberta. It was pointed out that while the order for this linoleum actually read 150 yards, if the order had been compared with the quotation request which asked for only 150 sq. yds., the error in shipment might have been avoided, if confirmation of the order had been asked for before the shipment went forward.

A letter has been written to the consignee drawing attention to the error in the quantity shipped, and he has been directed to hold the extra quantity until word has been received from you as to what disposition you desire to be made of it.

Yours truly,

C. C. Parker
C. C. Parker
Acting Purchasing Agent.

The Dominion Oilcloth & Linoleum Co., Limited,
Sales Dept.,
Montreal, Que.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES,
CANADA

CABLE ADDRESS
DOMOLCLOTH

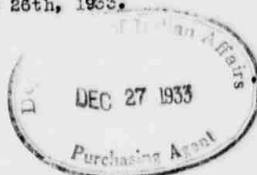


ABC 5TH & 6TH EDNS
BENTLEYS

Dominion Oilcloth & Linoleum Co. Limited

Montreal December 26th, 1933.

Department of Indian Affairs,
OTTAWA - Ont.



Attention: Purchasing Agent.

Dear Sirs:-

We wish to confirm the telephone conversation with you this morning in regard to your valued order #322 dated December 19th, covering a quantity of "AA" Plain Brown Battleship Linoleum to be shipped to the Indian Residential School, St. Paul, Alta.

While your original enquiry may have specifically stated 150 square yards, this document was returned to you on December 15th with our quotation, and when your order was received for 150 yards 6' wide, we naturally concluded that lineal yards were wanted and so wrote you on the 21st instant stating that unless we heard from you by wire to the contrary, we would ship the goods. We, of course, presumed that the letter would be delivered to you the following morning.

We regret very much this mistake and from the above we feel sure you can quite understand just how it occurred, but we are writing to one of our customers who handle this line right along, asking them if they will kindly take delivery of the quantity left over, so that we would suggest that you instruct the Principal of the Indian Residential School in St. Paul to use only the 150 square yards wanted and return the other 150 square yards by freight, carefully packed, to Messrs. Gaults Alberta Limited, EDMONTON, Alta., and as soon as this is effected we will arrange to pass a Credit Note for the quantity which is returned.

We feel quite sure this will be satisfactory to you, and regretting very much any trouble caused you in connection with this transaction, we remain,

Yours very truly,

DOMINION OILCLOTH & LINOLEUM CO. Limited.

Geo. H. Shepherd.
Sales Director.

CHS:CES.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

F. 118-1-5B

Ottawa, January 5th., 1934.

Rev. Sir,-

In further reference to surplus quantity of battleship linoleum shipped to you, I have now to request that you will carefully pack 150 sq. yards of this material and ship it to Messrs. Gaults Alberta Limited, Edmonton, Alta.

bb

Yours truly,



C.C. Parker
Acting Purchasing Agent.

Rev. Jos. Angin, O.M.I.,
Principal,
Blue Quills Indian Residential School,
St. Paul, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

A.-15/1
CREDIT MEMORANDUM

ESTABLISHED 1872



TRADE MARK

DOMINION OILCLOTH & LINOLEUM CO. LIMITED

Q-13

MONTREAL

Feb. 2nd 1934

TO Department of Indian Affairs

OTTAWA ONT.,



THE FOLLOWING HAS THIS DAY BEEN PLACED TO YOUR CREDIT:

By two pieces 5/8 AA Brown Battleship

Linoleum, 1/90'3", 91'3", 121 sq yds 1.53 165.13

Less 2%

3.70

161.43

The above two rolls were shipped from
Department of Indian Affairs
c/o Principal, Indian Residential School
ST PAUL AETA. to
GAULTS LIMITED - Edmonton Alta.

Your order 322

QUADRUPLICATE

Sales Tax \$10.27

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

A.-15/1
CREDIT MEMORANDUM

ESTABLISHED 1872



DOMINION OILCLOTH & LINOLEUM CO. LIMITED

MONTREAL Feb. 2nd 1934

C-13

TO Department of Indian Affairs
OTTAWA ONT.,

THE FOLLOWING HAS THIS DAY BEEN PLACED TO YOUR CREDIT:

By two pieces 5/4 AA Brown Battleship			
Linoleum, 1/90'3", 91'3",	121 sq yds	1.53	185.13
	Less 2%	<u>3.70</u>	181.43

The above two rolls were shipped from
Department of Indian Affairs
c/o Principal, Indian Residential School
ST PAUL ALTA. to
GAULTS LIMITED - Edmonton Alta.

Your order 322

Sales Tax \$10.27

TRIPLICATE

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

0-15/1

ESTABLISHED 1872



TRADE MARK

DOMINION OILCLOTH & LINOLEUM CO. LIMITED

ORDER No. 90495
4299

MONTREAL Dec. 22nd., 1933

SOLD TO

The Department of Indian Affairs

OTTAWA.-Ont.



See back TOIN of following

CONVEYANCE 5 Rolls per CNR FRT PREPAID

LINOLEUM

5	Poss 84 AA Brown Battleship, 3/90'3", 89'9", 91'3",	301½	1.53	460.79	
	To Department of Indian Affairs Less o/o Principal Indian Residential School ST PAUL.-Alta. Order #322.			9.22	451.57
	Balance Tax is included in this invoice amounting to		\$25.56		



Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY



Allot
Vouch. No. 2
Treaty No. 6

DEPARTMENT OF INDIAN AFFAIRS

To Dominion Oilcloth & Linoleum Co., Ltd.

Montreal

Que.

DATE	SERVICE	AMOUNT
	To linoleum supplied to Blue Quill's Residential school, as per statements attached.	451.57
	Less Audit Note	18743.
		27014
	TOTAL.	451.57

TRIPPLICATE FOR FILE
Voucher in duplicate detached
for Accountant to pay.

[Handwritten signature]
5/2/34

Vote..... 188
 School Number..... 951
 Allot..... 458
 E. No. No..... 1128

Ref; Dept letter No. 114-1-5
dated Dec. 21st 1933.

"Allot. 2.
Voucher No. 3611



27014

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just; also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

[Handwritten signature]
Agent

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA



118-1-5

Letter No.

Office of the Saddle Lake Indian Agency,

Saddle Lake, Alta. Jan, 10th 1934

Sir,

*School
Attn*

I enclose herewith Vouchers Nos. 3811
amounting to \$ 451.57 in favour
of Dominion Oilcloth & Linoleum Co. Ltd. Montreal.
for Linoleum supplied to Blue Quill's School.

This expenditure was authorized by Departmental

Letter No. 118-1-5 dated December 21st 1933.

Your obedient servant,

Skullion
Indian Agent.

The Secretary,
Department of Indian Affairs,
Ottawa.

Form No. 101

*How for
my's letter of
1/10/34
1/10/34*

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

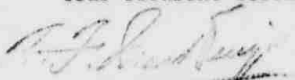
118-1-5.

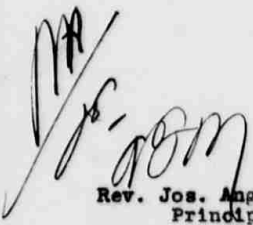
Ottawa, January 22, 1934.

Rev. Sir:

I beg to refer you to official letter of the 5th instant, in which you were instructed to return to Messrs. Gaults Alberta Limited, Edmonton, 150 square yards battleship linoleum. Please advise me at once if the above has been sent to the firm mentioned, and, if not, please give the matter your immediate attention and advise when shipment will be made.

Your obedient servant,


A. F. MacKenzie,
Secretary.


Rev. Jos. Angin, O.M.I.,
Principal,
Blue Quills Indian Residential School,
St. Paul, Alta.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Blue Quills Ind. Res. School,
Saint-Paul. Alta.

118-1-5

Jan. 12th 1934



To C.C. Parker, Esq.,
Purchasing Agent,
Ottawa.

M. G. ...

Sir,

I beg to inform you that we have shipped to Gaults
Alberta Ltd, Edmonton, 150 sq. yards of Battleship linoleum,
or 75 lineal yards, carefully packed, according to your ins-
-tructions in letter F.118-1-5B.

Please convey our thanks to the Department for this
favor of Battleship linoleum.

Yours truly,

Angin

Rev. Jos. Angin,
Principal.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.

Ottawa, January 29, 1934.

Gentlemen:

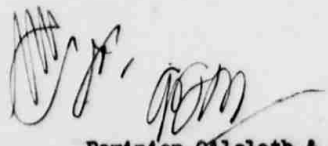
With reference to your letter of December 26th, regarding the battleship linoleum shipped to the Indian residential school, St. Paul, Alta., I beg to advise that the Principal states that 150 square yards of battleship linoleum has been returned by him to Messrs. Gaults Alberta Limited, Edmonton, Alta.

Please let me have a credit note for this, and a cheque for the balance of your account will be forwarded immediately.

Your obedient servant,



A. F. MacKenzie,
Secretary.



Dominion Oilcloth & Linoleum Co. Ltd.,
Montreal,
P.Q.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

CABLE ADDRESS
DOMCLOTH



ABC 5TH & 6TH EDMS
BENTLEYS

118-1-5
FEB 2 1934

Sch...
Dominion Oilcloth & Linoleum Co. Limited

Montreal February 2nd, 1934.

Department of Indian Affairs,

OTTAWA - Ont.

Attention A. F. MacKenzie, Esq.,
Secretary.

Dear Sirs:-

Replying to your letter of January 29th,
reference #118-1-5, regarding an over-shipment of Battleship
Linoleum to the Indian Residential School of St. Paul, Alta.

As you are aware, we advised you on December
26th last to return the over-shipment to Messrs. Gaults Alberta
Limited, EDMONTON, and some time later we had a letter from
them stating that they were in receipt of a letter from the
Principal of the School stating that he wished to hold a fur-
ther quantity of 45 lineal feet (equivalent to 30 square yards).
We are now in receipt of a further letter from Messrs. Gaults
Limited, advising that they have received two rolls measuring
90'3" and 91'3", so we presume it will be quite satisfactory
to you to pass a Credit for this quantity only, which Credit
Note you will please find enclosed herewith.

We trust this will adjust the matter to your
entire satisfaction, and regretting very much the trouble caused
you and awaiting your further esteemed commands, we remain,

Yours very truly,
DOMINION OILCLOTH & LINOLEUM CO. Limited,
Geo. H. Shepherd.
Sales Director.

GHS:CES.

Encl. C/N.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

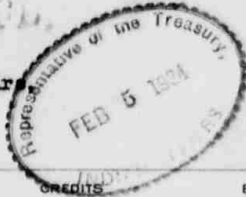
STATEMENT

DOMINION OILCLOTH & LINOLEUM CO. LIMITED

MONTREAL FEB - 1 1934

Department of Indian Affairs

OTTAWA - Ont.



DATE	DESCRIPTION	DEBITS	CREDITS	BALANCE
			BALANCE FORWARD	451.57
			NET CASH	Jan. 10th

We would appreciate settlement of
the above account -

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

TELEPHONE 22264

10039-101A AVENUE

HOTEL EQUIPMENT & SUPPLY CO., LTD.

IMPORTERS AND WHOLESALEERS TO THE HOTEL AND CAFE

EDMONTON,
ALBERTA.

January 9th
1974

Mr. W. B. Gullion
Indian Agent.
Saddle Lake, Alta.

Dear Sir:

We have pleasure in quoting you the following price on Congoleum Rugs.

6 Only Congoleum Rugs 9 x 12	\$ 55.08
Freight.	1.29
Total.	<u>\$ 56.37</u>

Yours very truly,

Hotel Equipment & Supply Co., Ltd

per *W. Gardner*

"Everything for the Hotel and Cafe"



Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA



Hudson's Bay Company.

INCORPORATED 2nd MAY 1870.

RETAIL STORE
EDMONTON,
ALBERTA

ALL
CORRESPONDENCE
TO BE ADDRESSED TO
THE MANAGER

IN REPLY PLEASE QUOTE
REFERENCE

Jan. 5th, 1934.

Mr. W. E. Gullion,
Indian Agent,
Saddle Lake,
Alta.

Dear Mr. Gullion:-

Your letter dated December
30th., received with thanks.

For your information we can supply
Congoleum Rugs, size 9 ft. x 12 ft., at \$10.95 each,
F.O.B. St. Paul, Alta.

Thanking you in anticipation,
we are,

Yours faithfully,
For The Hudson Bay Company,

Mail Order Department.

HB.



Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

PHONE 21306
Res. PHONE 23179

J. M. HUTTON
PROPRIETOR

**CRAWFORD HUTTON TENT CO.
HUTTON UPHOLSTERING CO.**

CARPET CLEANING. FURNITURE REPAIRING.
FURNITURE PACKING

11030 JASPER AVENUE January 5th, 1934.
EDMONTON, ALTA.....193.....

W. E. Gullion, Esq.,
Department of Indian Affairs,
Saddle Lake, Alberta.

Dear Sirs.

Re: Congoleum Rugs.

We enclose estimate on six 9x12 Congoleum rugs
F.O.B. St. Paul, Alberta, cost of rug \$10.75,
total cost. \$64.50.

Thanking you

Yours faithfully,

Crawford Hutton

Per: *J. M. Hutton*

CRAWFORD HUTTON TENT CO.



Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA



**GAULTS ALBERTA
LIMITED**
WHOLESALE DRY GOODS



ADDRESS ALL COMMUNICATIONS
TO THE FIRM

EDMONTON, ALTA.
CANADA

January 9, 1934.

Dept. Indian Affairs,
Indian Agent, W. E. Gullion,
Saddle Lake, Alta.

Dear Sirs-

We thank you for your request for price on 9x12 Congoleum
rugs, and might say that we can supply 6 rugs as patterns
shown in booklet being mailed to you under separate cover at
\$8.62 FOB St. Paul.

We could also supply some of last years patterns which have
been discontinued by the mill, but we would have to select
these for you, at \$7.79 each FOB St. Paul.

Trusting that these quotations are satisfactory, we are,

Yours truly,

GAULTS ALBERTA LTD.

Per-

Geo. Oake

Geo. Oake
JR



WE SELL WHOLESALE TO INDIA FIDE MERCHANTS ONLY

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

GAULTS ALBERTA LIMITED

WHOLESALE DRY GOODS

REVILLON BUILDING
EDMONTON, ALBERTA

DATE JAN 23/34

OUR INVOICE NO. WT HL

SALESMAN 1231

HOW ORDERED

YOUR ORDER NO. NET

SOLD TO

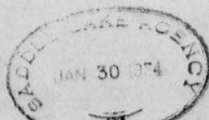
DOMINION GOVERNMENT
DEPT. OF INDIAN AFFAIRS
XXXXXXXXXX
XXXXX SADDLE LAKE ALTA,

TERMS

INTEREST CHARGED AT 8 PER CENT. PER ANNUM IF NOT PAID AT MATURITY

FORM 28 17M OCT. 1, '32

ARTICLE NO.	QUANTITY	DESCRIPTION	QUANTITY	PRICE	EXTENSION	TOTAL
SADDLE LAKE ALTA RK REV. J AUGIN O M I		PRINC. BLUE OWLS RESIDENTIAL SCHOOL ST PAUL ALTA				
647	1	ONLY CONGO RUG 9 X 12	1		8.62	
652	1	" " 9 X 12	1		8.62	
651	1	" " 9 X 12	1		8.62	
657	3	" " 9 X 12	3	8.62	25.86	51.7



NO CLAIMS ALLOWED UNLESS MADE WITHIN 8 DAYS OF RECEIPT OF GOODS
GOODS PERSONALLY SELECTED ARE NOT RETURNABLE

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5

Letter No.



Office of the Saddle Lake Indian Agency,

Saddle Lake, Alta. Jan. 30th 1934.

Sir,

I enclose herewith Vouchers Nos. 3625

amounting to \$51.72 in favour

of Gaults Alberta Limited, Edmonton, Alta.

for congoleum rugs supplied to Blue Hill's Residential School.

This expenditure was authorized by Departmental

Letter No. 118-1-5 dated December 21st 1933.

No quotation received from M.H. Stewart Co.

Your obedient servant,

A. Sullivan
Indian Agent.

The Secretary,
Department of Indian Affairs,
Ottawa.

Form No. 101

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Blue Quills Ind. R. s. School,
Saint-Paul. Alta.

118-1-5
Jan. 31st 1934

P. ...
... ..
To J. D. Sutherland, Esq.
Supt of Indian Education,
Ottawa.



Sir,

We have received the Battleship Linoleum for the 3 corridors and the 6 Congoleum rugs for the rooms, and we thank you very much for this favor. This makes a big difference already in the rooms.

As to the surplus quantity of Battleship Linoleum shipped by the Dominion Wilcloth and Linoleum Co of Montreal, I hope you received long ago my letter, stating that I shipped to Gaults Alberta Ltd, Edmonton, this surplus quantity, vid. 75 lineal yards or 150 square yards.

Hoping you enjoy a good health, I remain,

Yours sincerely,

Angin
Rev. Jos. Angin,
Principal

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Blue Quills Ind. Res. School,
Saint-Paul. Alta.

118-1-5

SCHOOLS BRANCH
MAR 6 1934

Feb. 24th 1934.

DEPT. OF INDIAN AFFAIRS
MAR 3 1934
RECORDS

To the Secretary,
Department of Indian Affairs,
Ottawa.

Sir,
[Handwritten signature]

I know just to-day from Gaults Alberta Ltd, Edmonton, that you have received a note of credit from the Dominion Oilcloth and Linoleum Co, of Montreal, for 2 only rolls of Battleship Linoleum, vid. for 60 lineal yards, instead of 75 lineal yards, surplus quantity that was shipped by error to Blue Quills School.

I must say that I mistook in the measurement of the 2nd floor corridor that I figured ⁶⁰ for the same length as the 1st one, and then, before shipping to Gaults the 75 lineal yards of surplus, I asked them to buy by myself the 15 lineal yards that I missed to cover entirely the 2 corridors, if I agree with their price.

The Gaults firm have written to Montreal, but I see they have transferred the matter to the Department.

Please, tell me how much you will charge me for these 15 lineal yards, and I will pay you at once, if however the price is moderate. Otherwise, I told the Gaults firm I would ship back to them these 15 lineal yards.

Yours truly,

[Handwritten signature]

Rev. Jos. Angin,
Principal.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.

Ottawa, March 6, 1934.

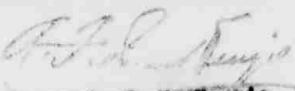
Reverend Sir:



I am in receipt of your letter of the 24th ultimo, with reference to the lineoleum supplied for the Blue Quills Indian Residential School.

Through error, there was supplied to your school 301-1/6 sq. yards of lineoleum. We received a credit note for 121 sq. yards that had been returned. The Department therefore paid for 180-1/6 sq. yards of lineoleum, at \$1.63 a square yard.

I trust that the above is the information you require.

Your obedient servant,


A. F. MacKenzie,
Secretary.



Rev. Joe. Angin, O.M.I.,
Principal,
Blue Quills Indian Residential School,
Saint Paul, Alberta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

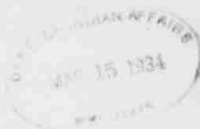
PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5

1. S. [unclear]
2. [unclear]



Ottawa, March 13, 1934



MEMORANDUM:

DR. MCGILL

The following is taken from a letter received by the Minister:-

"You will no doubt recall that in November last I discussed with you the water supply problem at the Blue Quills Indian School. Originally the well used at the school was 327 feet, but due to the fact that the well was not used for a considerable period after it was drilled, the sand seeped in and the bottom of the well became plugged. The water found at the depth of 327 feet was soft and suitable in every way for the purposes of the school. When the well plugged with sand, the casing was opened at a vein of water at 200 feet. This water was hard, and is not altogether suitable. The Indian Agent informs me that the Department now proposes to put in a Water Softener, in order to overcome this difficulty.

"I have no doubt that I could drill a well to the depth of 327 feet and find an abundant supply of good soft water, and as the water from this new well would be used continuously, it would not plug with sand. This would be much cheaper and far more satisfactory than installing a Water Softener.

"The cost of a Water Softener of the type required at the School would be about \$1800.00. To drill a well 327 feet, provide casing therefor, and instal a pump would cost about \$700.00. This figure is of course based on the assumption that the pump now in use at the school will be installed in the proposed well".

The Minister would like a report on this matter.

[Signature]
Private Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

March 16th, 1934.

MEMORANDUM:-

Mr. Buckard.

Since the erection of the Blue Quills Indian Residential School, the Department has had considerable difficulty with the water supply. This is due to two reasons:- (1) the hardness of the water, and (2) the clogging of the pipes owing to very fine sand filtering into them. The situation became rather acute in December, 1932, and we secured the services of the engineers of the Dominion Water Power Bureau. Under their supervision, considerable work was done during the spring and summer of 1933 and, in a report dated August 17th, 1933, Mr. P. A. Fetterly, Assistant Hydraulic Engineer, Calgary, wrote as follows:-

"A final visit was made on July 20th to the Blue Quills Residential School. The well was found to be working properly and is producing sufficient water for all purposes. This water is rather hard, as shown by the analysis, but the school engineer, in the absence of Father Angin, stated that it was 'pretty good, although a little hard'. A letter from the Director, dated July 17, stated that no funds were available at the present time for the installation of a water softener and that, so long as the water supply remains adequate as to quantity, no further action will be taken at this time. The matter of a softener will thus remain in abeyance as long as conditions are as at present."

This Department has, therefore, not considered installing a water softener at the Blue Quills School nor have any complaints regarding the water supply been received from either the Indian Agent or the Principal since the date of the report quoted above.

Lewis

Deputy Superintendent General.

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

17-3-34

No. 7345

DUPLICATE, FOR DEPARTMENT.

Bank of Montreal,

\$ 80.00

Ottawa, Apr. 5th/34.

RECEIVED from W. E. Sullivan

on account Indian Funds

the sum of Eighty... 00/100 Dollars,
which amount will appear at the RECEIVER GENERAL'S credit with this
Bank.

Signed in Triplicate,

Ent'd.

[Signature]
Pro. Manager.

*P. P. 502
W. E. S.*

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

DEPARTMENT OF INDIAN AFFAIRS
CANADA



OFFICE OF
INDIAN AGENT

Saddle Lake, Alberta.

March 28th 1934.

Sir:-

I beg to enclose herewith cheque No. 57034 covering balance of amount owing on Washer and e Extractor sold to St. Theresa Hospital, St. Paul, and old lighting plant sold to H. Smith, Ashmont. Old equipment of the Blue Quill's School.

Your obedient servant.

W. E. Sullivan
W. E. Sullivan,
Indian Agent.

The Secretary
Department of Indian Affairs
Ottawa, Ont.


Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5

BANK RECEIPT No.

Amt. \$80⁰⁰ chq



Date 19

Entered Journal No. Folio

QJST

Dept. Receipt No.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5



R

DEPT. OF INDIAN AFFAIRS
JUN 19 1934
RECORDS

DEPARTMENT OF INDIAN AFFAIRS
CANADA

SCHOOLS BRANCH
JUN 20 1934

INSPECTOR'S OFFICE

CALGARY, ALTA. June 16th, 1934.

IN YOUR REPLY REFER TO

No. 407-11A.

ALSO TO DATE OF THIS LETTER

*2 copies
1 page*

Sir,

I beg to bring to your attention that a granary is required at the Blue Quills Indian Residential School in the Saddle Lake Agency; also a hen-house. If there is any money available in this year's appropriation these buildings should be erected. Of course, if no funds are available, it will have to be left over for another year. I just wish to bring this to the attention of the Department as the school actually needs these two buildings.

Your obedient servant,

M. Christianson

M. Christianson,
Inspector of Indian Agencies,
Alberta Inspectorate.

The Secretary,
Department of Indian Affairs,
O T T A W A .

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

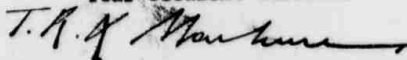
118-1-5

Ottawa, June 20th, 1934.


Sir,-

With reference to your 407-11A of the 16th instant, I regret that no provision was made in our current year's appropriation for the erection of a granary at the Blue Quills Indian Residential School.

Your obedient servant,



T. R. L. MacInnes.
Acting Secretary.



M. Christianson, Esq.,
Inspector of Indian Agencies,
Calgary, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

118-1-5



DEPARTMENT OF INDIAN AFFAIRS
CANADA

DEPT. OF INDIAN AFFAIRS
JUN 28 1934
RECORDS

IN YOUR REPLY REFER TO

NO. 407-11.

ALSO TO DATE OF THIS LETTER

SCHOOLS BRANCH
JUN 25 1934

INSPECTOR'S OFFICE

CALGARY, ALTA., June 16th, 1934.

*Noted
Keweenaw*

Dear Doctor McGill:

I have the honour to report on an inspection of the Blue Quills Indian Residential School in the Saddle Lake Agency, which I visited on my recent trip to that Agency. I might say that I spent the greater part of a day making this inspection. I found there were 125 children in residence at that time.

I am pleased to report that conditions at this institution are very favourable. The children all looked exceptionally well and were enjoying the best of health. I made a thorough inspection of everything in connection with the work at the school with the exception of the Class-room work, on which the Department receive a report from the Provincial School Inspector. The girls do a great deal of sewing, fancywork, &c., and the handicraft work done by them is splendid. They make their own dresses, boys' suits, &c. and are given all the usual training received in residential schools.

Doctor Harold W. McGill,
Deputy Superintendent General,
Department of Indian Affairs,
O T T A W A .

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

- 2 -

The girls also do some outside work in the way of planting and looking after gardens, &c. The boys look after the stable, cattle, &c., and do a certain amount of farm work -- about the same as at the average Indian residential school on the prairie. The Principal brought to my attention that with the staff he has there he could also arrange to give the boys some instruction in blacksmithing and carpenter work. They have the shop, but not sufficient tools to bring this training into force. The Indian fathers expressed the desire that the Department make arrangements to have their sons get some training in blacksmithing and carpenter work as it would be so useful to them when they came back to the reserve. I realize the Department have no funds for this purpose at the present time, but this is something that should be brought into force at every residential school. As soon as I have time, I shall write to the Department on this matter in connection with all our schools.

I checked over the children's clothing supply and found they were well provided for: The girls have five changes of dresses; the boys three changes; and all have the necessary underwear, socks, &c.

It is not necessary for me to go into detail regarding the work at this institution, as I consider everything is going along satisfactorily. I heard no

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

- 3 -

complaints whatever regarding this school and I think it is being well managed. The children are well fed and clothed which is quite evident from their appearance. Mr. Sutherland, our Acting Superintendent of Education visited this institution last fall. The enrolment is also very fair now: There are very few children of school age available and every endeavour will be made to recruit them after the holidays. T

The building, of course, is in a first class state of repair, although the cement floors are not improving any. Some congoleum rugs were purchased last winter and some battleship linoleum for the halls. I recommended this a year ago last winter when it was not authorized, and did not know it had been furnished until I visited the school this time. The furnishings are all in good shape: This is one thing we can say for the Sisters of Charity, they certainly look after their end of the work and the furnishings are all as good as new. As we have not a lighting plant at this institution, the electricity being supplied from the Town of St. Paul, there is not very much machinery in the school, with the exception of the boilers and laundry machinery. The Principal and the Engineer informed me that this machinery is in a good state of repair, and as far as I could see the engineer seemed to be quite competent.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

- 4 -

The pump is in good condition and the school has an ample supply of water, although it is very hard. I shall leave this matter to Mr. Fetterly to deal with.

The school raised an excellent garden last fall and 1000 bushels of potatoes, turnips 150 bushels, pease 25 bushels, beans 30, carrots 14, beets 12, salsifies 6, parsnips 6, onions 6, sweet corn 2, tomatoes 2, cucumbers 1, table turnips 1, cauliflower 300 heads and cabbages 500 heads, as well as some celery, cress, radishes, &c. They have 12 horses, 1 bul 1, 19 cows, 10 steers 24 yearlings and 10 calves, or 64 head of cattle in all, 70 pigs but no chickens. They have 30 acres in wheat, 50 in oats, 50 in green feed and expect to break 30 acres. This year they are having 1½ acres of garden and 4 acres of potatoes. The Principal expects in a few years to have about 200 acres of land under cultivation. This is about all that can be cultivated without a lot of ^{breaking} breaking.

The staff consists of the Principal, Rev. Father Jos. Angin, an Assistant Principal, 11 Sisters of Charity belonging to the Grey Nuns Order, 1 male teacher, 1 engineer, 1 baker and shoe-maker, 1 disciplinarian, 1 farmer, 1 gardener and two labourers.

The children of the school had just recently taken part in a Musical Festival at St. Paul, competing against some 40 or 50 outside schools. There were

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

- 5 -

three prizes and although they did not participate in any of these, they received favourable mention by the Adjudicators and those who heard them said they had done very well. They sang their songs for me while I was at the school and I thought it was splendid.

The school is very well managed generally, and they have a very efficient staff of Sisters. The finances of the institution are better now as they are raising some crop each year and will soon have sufficient to supply all their own meat.

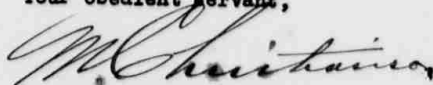
If the Department have any funds available to buy some paint for interior work in the school, this could be made good use of as some of the walls on the boys' side of the building are beginning to require some decorating. As I have often said, if a little paint is supplied each year the work could be performed by the boys and in this way the walls can always be kept in good condition.

Trusting this report will be of interest to you,

I have the honour to be,

Sir,

Your obedient servant,



M. Christianson,

Inspector of Indian Agencies,

Alberta Inspectorate.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

-- COPY --

GOVERNMENT OF THE PROVINCE OF ALBERTA

Blue Quills Indian Residential School,
St. Paul, Alta.

To BOILERS BRANCH, BUREAU OF LABOUR Dr.,
Make cheques payable to Provincial Treasurer,
and forward to H. J. Alexander,
Boiler Inspector,
Box 103,
Vegreville, Alta.

1934

June 18	To issue of boiler inspection certificates 54710-11 @ \$10 each for boilers A 9556-7	\$20.00
	To issue of boiler inspection certificate 54714 for boiler A 9558	<u>5.00</u>
	Total	\$25.00

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Blue Quills Ind. Res. School,
Saint-Paul. Alta.

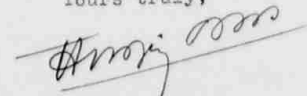
118-1-5
June 19th 1934

To J.D. Sutherland, Esq.
Supt of Indian Education,
Ottawa.

Sir,

Mr H.G. Alexander, Inspector of boilers at Vegreville, came last week to school to test the boilers of the heating system. Probably you have already received his report on the matter, and you will find enclosed the bills of cost for the inspection in duplicate.

Yours truly,



Rev. Jos. Angin,
Principal.



Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.

Ottawa, June 30, 1934.

Rev. Sir:

The Department wishes to acknowledge receipt of vouchers covering the inspection of the boilers at the Blue Quills Indian Residential School.

Kindly advise this office if you have received the boiler inspector's report and whether the repairs are satisfactory.

Your obedient servant,

A. F. MacKenzie
A. F. MacKenzie,
Secretary.

DES.
MA
McLaur

Rev. Jos. Angin, O.M.I.,
Principal,
Blue Quills Indian Res. School,
St. Paul, Alta.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

118-1-5
Blue Quills Ind. Res. School,
Saint Paul, Alta.



July 7th 1934

Receipts
To the Secretary,
Department of Indian Affairs,
Ottawa.

Sir,

With reference to your letter No 118-1-5, of June 30th, regarding the inspection of the boilers at Blue Quills School, I may say that I did not receive any report from the Inspector of boilers at Vegreville.

This Inspector told me that the fusible plug of the high pressure boiler was leaking and should then be changed. I bought a new fusible plug that was replaced at once by the engineer. Hoping this information will give satisfaction, I remain,

Yours truly,

Rev. Jos. Angin,
Principal.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

116-1-5.

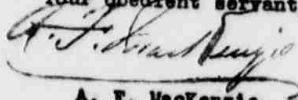
Ottawa, July 19, 1934.

Sir:

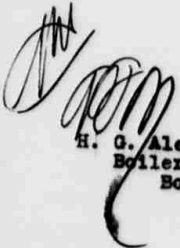
The Department is in receipt of your account for \$25.00 for inspecting the boilers at the Blue Quills Indian Residential School. Payment of this account is being made, but I would point out that neither the Department nor the Principal of the School has yet received a copy of your report regarding the condition of these boilers.

Please let me know if you issue reports following your visits, and, if so, to whom they are sent.

Your obedient servant,



A. F. MacKenzie,
Secretary.



H. G. Alexander, Esq.,
Boiler Inspector,
Box 103,
Vegreville, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5

BUREAU OF LABOR



ALBERTA

REFER TO FILE
118-1-5.

H. G. ALEXANDER,
BOILER INSPECTOR,
BOX 10,
VEGREVILLE, ALTA.

DEPT. OF INDIAN AFFAIRS
AUG 18 1934
RECORDS

SCHOOLS BRANCH
AUG 23 1934

Dear Sir:

This will acknowledge receipt of your letter July 19, 1934, under above file number, I am enclosing the Boiler Inspection Certificates issued for these inspections, Nos. 54770, 11, 14. I would ask you to please forward these certificates to the Principal of the School, when you have noted the reports, this is to comply with the Provincial "Boiler's Act", which requires that these certificates be posted up in the engine or boiler room of the plant.

Wishing this is the information you require, and thanking you for your attention to this matter.

Yours very truly,

H. G. Alexander

Boiler Inspector.

A. F. MacKenzie, Esq.,
Secretary,
Department of Indian Affairs,
Ottawa.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.

Ottawa, August 23, 1934.

Sir:

The Department has received the reports of the Provincial Boiler Inspector on his inspection on June 15, last, of the three boilers at the Blue Quills Indian Residential School.

You will note that the Inspector recommends, in connection with boilers Nos. 9556 and 9557, that a stop valve be installed in feed line between check valve and boiler. In connection with the inspection of boiler No. 9558, he recommends that fusible plug be renewed; also that condensate from drier be returned direct from trap to boiler, as this will save fuel, water, etc.

I would request that you instruct the Principal to see that the Inspector's recommendations are carried out. No doubt, the engineer at the school can do this work and it should be carried out without cost to the Department.

The Inspection Certificates are enclosed herewith, and I would request that you hand them to the Principal to be posted up in the boiler room of the school.

Your obedient servant,

A. F. MacKenzie,
Secretary.

W. E. Gullion, Esq.,
Indian Agent,
Saddle Lake,
Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

Blue Quills Ind. Res. School,
Saint-Paul. Alta.

Requisition for the year 1935.

For Farm:

1 Mower, 6 feet, to cost approximately	\$	100.00
1 Hay rake, 10 feet,	\$	50.00
1 Gang plow, 14 inc.	\$	130.00
1 Wagon, low wood-wheel truck, <i>to be furnished next spring.</i>	\$	90.00

Outbuildings:

1 Granary, 50'X 24', 3 partitions inside, cost:	\$	800.00
1 Hen-house for 200 chickens,	\$	800.00

Main building:

1 Water-softener system, cost to be	\$	1500.00
Battleship Linoleum, suggested by the Honourable H. Mac Gill in his last visit,	\$	1000.00

I take the opportunity to let you know that the water system is already considerably damaged by the hard water we use; we have trouble with the jacket heater which leaks awfully, being rotten by alkali. If prompt action is not taken to soften the water, I cannot respond for the water system which will be out of use very soon.

Rev. Jos. Angin,
Principal.

Jos. Angin

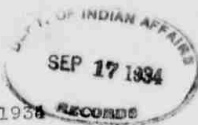
Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5
Blue Quills Ind. Res. School,
Saint-Paul. Alta.



RE
Sept 26 1934

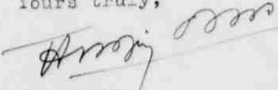


To the Superintendent of Indian Education,
Ottawa.

Sir,

Please find enclosed the requisition for the year 1935, that you may put the estimates in your list.
I hope to receive all that is asked for, as there are the elections next year.

Yours truly,


Rev. Jos. Angin,
Principal.

*noted for
estimates 1935-36
JAP*

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5



DEPARTMENT OF INDIAN AFFAIRS
CANADA



IN YOUR REPLY REFER TO

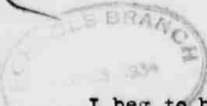
No. 407-11

ALSO TO DATE OF THIS LETTER

INSPECTOR'S OFFICE

PB CALGARY, ALTA., November 10th, 1934.

[Handwritten signature]



Sir:

I beg to bring to your attention that I inspected Blue Quills Indian Residential School at Saddle Lake Agency last spring, my report being dated June 16th last. I shall be glad to know if the department received this report as I have had not acknowledgement of same.

Your obedient servant,

[Handwritten signature: M. Christianson]

M. Christianson,
Inspector of Indian Agencies,
Alberta Inspectorate.

The Secretary,
Department of Indian Affairs,
O T T A W A .

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.

Ottawa, November 14, 1934.

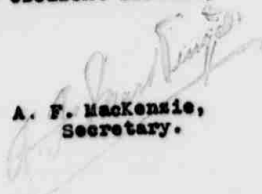
Sir:


I have your No. 407-11 of the 10th instant, with reference to the report on your inspection of the Blue Quills Indian Residential School, dated June 16th, last.

This report was received and brought to the attention of the Deputy Superintendent General. I regret that acknowledgment of the report was not made at that time.

It is noted that conditions, generally, at the school were satisfactory at the time of your visit.

Your obedient servant,


A. F. MacKenzie,
Secretary.


M. Christianson, Esq.,
Inspector of Indian Agencies,
Inspector's Office,
Calgary, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5-

EXTRACT
59-118

R

RECEIVED
FEB 14 1935

Saddle Lake, Alberta,
January 31st, 1935.

Sir:

x

x

Also cheque No. 57225 for \$10.00 for amount
received from sale of one old bath tub, part of the old
Blue Quill's school equipment which was left for disposal.

Your obedient servant,

W. E. Gullion.

Indian Agent

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

118-1-6.

no 407-11

EXTRACT FROM REPORT OF M. CHRISTIANSON, ON HIS INSPECTION
OF THE BLUE QUILLS INDIAN RESIDENTIAL SCHOOL dated Aug 2/35

Original on 118-1-6

XX

The Principal brought to my attention that the water that was used in the institution is very hard and corrodes the water pipes. I checked this matter over and found that this was correct and if this is allowed to continue, we no doubt will have considerable trouble with the water system in a very short time. A water softener was mentioned, but I might say that I have had very little experience with this, but I believe that there are several makes of water softeners that are giving good satisfaction and in my opinion this matter should be looked into by the Department. It would be easy to get a test of the water and ascertain what makes of water softener will give the best satisfaction,

The machinery, boilers, etc., in the school appear to all be in good order and the Engineer that looks after the machinery, boilers, etc., apparently has the necessary qualifications, as I could find no fault with the condition the machinery and boilers were in.

The Department is aware that the only out-buildings with the exception of make-shift buildings, is the barn. This, I also found to be in good order and well kept. The floors are still in A. I. shape, stanchions, etc. Last fall, the Principal had a log stable built for the cattle, as there is not sufficient stable room in the barn to house the number of cattle they now have at the school. I wish to again bring to the attention of the Department that the school requires a chicken-coop, implement shed and granary.

XXXXXXXXXXXX XXX XXXXXXXXXXX

Indian Affairs. School Files.
(RC 10, Volume 6340, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

118-1-5.

Ottawa, August 12, 1935.

Sir:

I have your No. 407-11 of the 2nd instant, reporting on your inspection, at the end of June, last, of the Blue Quills Indian Residential School.

The Department is pleased to note that you found the buildings in a good state of repair and well taken care of, and also that the friction that had taken place between the Indians and the school has died down. It is noted, further, that there is an efficient staff and that conditions, generally, were satisfactory.

Regarding the installation of a water softener and the erection of certain outbuildings, I have to say that our Estimates for the current fiscal year provide the following items:-

Water softener	-	-	-	\$2,000.
Erection of a granary and hen-house	-	-	-	\$1,400.

The Department will make enquiry here with reference to the supplying of a water softener.

Regarding the amount provided for the erection of the granary and hen-house, I would request that you take up this matter with the school authorities, informing them of the funds available for material and labour. You should ascertain the size and type of buildings and also how you would recommend the work be carried out. Could the local Agent or yourself arrange for the purchase of building material, etc., from firms on the approved list and have the work carried out under the supervision of the Agent or the Principal of the School? I should like to have your report, also, concerning the labour that would be necessary, other than that which could be performed by the staff of the school. As full particulars as possible regarding this matter would be appreciated.

When your report is received, the necessary authority will be given to proceed with the work, in so far as the funds mentioned above permit.

Your obedient servant,

T. R. L. MacInnes,
Acting Secretary.

M. Christianson, Esq.,
Inspector of Indian Agencies,
Inspector's Office,
C a l g a r y, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

"MONARCH PURE PAINTS"
- MADE IN ALBERTA -

The Alberta Paint and Glass Company

IMPORTERS - WHOLESALERS

PHONE M 3930

Your Order No.

SOLD TO Dominion Government
Dept. of Indian Affairs,
City

354 11th Avenue West
CALGARY

July 15/35

Subject to sight draft at maturity.
Interest at 8 per cent charged after maturity.
No claims allowed unless made immediately on receipt of goods.

TERMS 2% 15 N/30 days.

Shipped to Rev. Father J. Angin
Blue Quill Indian School,
St. Paul.

WE ACCEPT NO RESPONSIBILITY FOR LEAKAGE OR BREAKAGE IN TRANSIT

20	1 gals. GloTone Semi Gloss White	20	3.55		71.00
1	gal. Turpentine	1			1.01
1	" Container				.30
1/12	doz. Monarch Varnish Brush X 1"	1/12	2.93	.24	
1/6	" " " X 2"	1/6	5.71	.95	
1/4	" " Paint " X 3"	1/4	10.76	2.69	
				<u>3.88</u>	
	Less 10%				3.50
					<u>\$75.81</u>

RETURNED GOODS—No goods may be returned without our permission. Returned goods that have been furnished according to customer's order will be credited less 10 per cent and any unpaid charges.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY



Vote No.
Treaty No.

DEPARTMENT OF INDIAN AFFAIRS

To The Alberta Paint and Glass Company,
Calgary, Alberta.

DATE	SERVICE	AMOUNT
1935. July 15	To goods as per invoice attached Terms 2% 15, N/30 Days, for Blue Quill Indian School,..... Saddle Lake Agency, Saddle Lake, Alberta.	\$75. 81
Authorized by Mr. Phelan.		
TRIPPLICATE FOR FILE Voucher in duplicate detached for Accountant's Office 22/8/35		
SEVENTY-FIVE.....\$1/100		DOLLARS TOTAL. \$75. 81

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just; also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

SADDLE LAKE AGENCY,
VOUCHER No. 313
FORM No. 506
Stullion
Agent.

M. Christianson
Agent
M. Christianson,
Inspector of Indian Agencies,
Alberta Inspectorate.

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES,
CANADA

Letter No. 407-11A



CANADA

18-1-5

DEPT. OF INDIAN AFFAIRS
AUG 19 1936
RECEIVED

Office of the Inspector of Indian Agencies,
Saddle Lake Agency,

Calgary, Alta., August 2, 1935.

Sir,

I enclose herewith Vouchers Nos. 313 - Saddle Lake Agency
amounting to \$75.81 SEVENTY-FIVE 81/100 Dollars,
of The Alberta Paint and Glass Company, Calgary, Alta.,
for Paint, brushes, etc., as per invoice, for
Saddle Lake Agency, Blue Quill School.

This expenditure was authorized by Departmental
Authorized by Mr. Phelan,

Letter No. dated

Your obedient servant,

Inspector,
Indian Agent.
Alberta Inspectorate.

The Secretary,
Department of Indian Affairs,
Ottawa.

Form No. 101

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA



DEPARTMENT OF INDIAN AFFAIRS
CANADA

118-1-5
DEPT. OF INDIAN AFFAIRS
AUG 19 1935
RECORDED

INSPECTOR'S OFFICE

PB CALGARY, ALTA., August 16th, 1935.

IN YOUR REPLY REFER TO
NO. 407-11A.
ALSO TO DATE OF THIS LETTER

Sir:

I beg to acknowledge receipt of your letter No. 118-1-5 of the 12th instant and in reply would say that I am pleased to note that steps have been taken by the Department to provide a water softener for Blue Quills School; also that the erection of a granary and hen-house has been approved. I have written to the Principal of the School to ascertain what type of buildings they require, and our Agent can look after the purchase of material, &c. There is just one lumber yard at St. Paul, three miles from the school, and they are on the approved list. We get all material from there at a very fair rate. I would suggest that the school be asked to haul material, and I have made reference to this in my letter to Father Angin today. The only carpenter on the list in St. Paul is Mr. Fraser, and instead of hiring him and his men by the day I would suggest that this work be done on a tender, all material to be supplied by us and the labour to be done for a certain sum. I am sure the Department are aware that where we have no foreman of our own on a job, it is liable to be costly if labour is paid by the day, whereas when it is under tender, it does not matter very much how long it takes. As soon as I hear from Father Angin in this connection, I shall again get in touch with the Department.

Regarding the water softener, I might say that the Manager of Webb Water Softener Company here has called on me several times. I know very little about the quality of their equipment as I have had no experience whatever in water softeners, but I am advising this firm to get in touch with the Department, so you will no doubt be hearing from them.

Your obedient servant,

M. Christianson

The Secretary,
Dept. of Indian Affairs, Inspector of Indian Agencies,
O T A W A . Alta. Inspectorate.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.



DEPARTMENT OF INDIAN AFFAIRS
CANADA

August 14, 1935.

Memorandum:

MR. ✓ Q R R,-

The sum of Two Thousand Dollars (\$2,000) is provided in the Estimates for Indian Education for the current fiscal year, to purchase and install a water softener for use at the Blue Quills Indian Residential School. I shall be pleased if you will arrange for the purchase and installation of the equipment required.

J. Duthorne

Mr. P. A. ...

Get report from Water Power

Krank.

St.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5

Sept. 3, 1935.

Dear Sir,-

It has been decided to install a water softening plant at the Blue Quills Indian Residential School, St. Paul, Alta.

Would you kindly have your District Engineer investigate and make a recommendation to the Department as to the type and capacity of softener that should be installed.

Yours very truly,



J. G. M.

Dominion Water Power Branch,
Ottawa.



A. F. Macdonald,
Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6340, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA



DEPARTMENT OF INDIAN AFFAIRS
CANADA

INSPECTOR'S OFFICE

PB CALGARY, ALTA., August 28th, 1935.

IN YOUR REPLY REFER TO
407-11A.
ALSO TO DATE OF THIS LETTER

118-1-5
DEPT. OF INDIAN AFFAIRS
APR 21 1935

Sir:

Further to my letter of the 16th instant in reply to your No. 118-1-5 of the 12th idem, in connection with supplying a water softener, and erecting a granary and chicken-house at Blue Quills Indian Residential School in the Saddle Lake Agency, I beg to inform you that I now have a quotation on the material and labour for the two buildings. The Hayward Lumber Company at St. Paul have given us a 15% discount on their regular price on the lumber, and a 10% discount on the hardware.

The size of the granary required is 24' X 50' with 8' studs. This building will be on a surface cement foundation, well built in every way, the walls to be of common sheeting and siding, and the necessary bins to be provided. It is large enough to take care of the grain raised by the school, and to provide adequate space to keep chop and do the cleaning of the grain, &c. The price of material for the building is quoted at \$710.94, and the labour was estimated at \$225.00 by Mr. H. S. Fraser of St. Paul. The chicken-house would be 15' x 40' with 7' studs in the back and 9' studs in front. The cost of material for this is quoted at \$487.75 and the labour at \$190.00. This chicken-house is to accommodate about 200 chickens, which is just about what the school requires. In all, these two buildings would cost \$1613.69, or about \$200.00 more than the allowance made by the Department, but I note you have allowed \$2000.00 for the water softener and I am sure you will be able to effect some saving there.

The Secretary,
Department of Indian Affairs,
O T T A W A .

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

- 2 -

As I mentioned in my previous letter, I would advise going on with this work immediately, and that we be authorized to purchase the material from the Hayward Lumber Company, and that Mr. Fraser be given the work of erecting both buildings on tender. The material will be hauled out by the school teams, and the Principal can look after the erection of the buildings, and our Agent can visit the school occasionally to see how things are progressing, and can look after the accounts, &c. I expect to be up at Saddle Lake within the next three weeks or so myself.

I trust this will be satisfactory to the Department.

Your obedient servant,

M. Christianson

M. Christianson,
Inspector of Indian Agencies,
Alberta Inspectorate.

Indian Affairs, School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

JANITOR SUPPLIES FROM COAST TO COAST

HEAD OFFICE
OTTAWA, ONT.

BRANCHES
ST. JOHN, N.B.
MONTREAL, QUE.
TORONTO, ONT.
WINNIPEG, MAN.
VANCOUVER, B.C.



Dustbane Products Limited

JANITOR SUPPLY DEPARTMENT
349 ELGIN AVE.
WINNIPEG, MAN.
TELEPHONE 88-481

SOLD TO Department of Indian Affairs,
507 Public Building,
CALGARY : ALTA.



REQ. NO. _____
ORDER NO. _____
DATE OF ORDER Aug. 17/35
TERMS: NET 30 DAYS

SHIP VIA PREPAID WHEN SHIP AT ONCE DATE SHIPPED AUG 21 1935

SHIPPED TO: Blue Quills Indian School,
ST. PAUL : ALTA.

1	45	GAL.	DRUM	D. . LACOL	\$ 2.75	\$ 123.75
	1	ONLY	DRUM			
						<u>N.C.</u>
						\$ 123.75

(SALES TAX INCLUDED)

C. ALTA.

FINNELL ELECTRIC FLOOR SCRUBBING & POLISHING MACHINES

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

PLEASE ADDRESS YOUR REPLY TO
THE DIRECTOR OF DOMINION WATER POWER
AND HYDROMETRIC BUREAU
DEPARTMENT OF THE INTERIOR
OTTAWA, CANADA

MFC:MMcD.



118-1-5
DIRECTOR, J. T. JOHNSTON, C.E., M.E.I.C.
ASST. DIRECTOR, V. MEEK, B. Sc., M.E.I.C.

PLEASE REFER TO ONE SUBJECT IN A
LETTER, AND IN YOUR REPLY QUOTE

FILE No. 41167
Your file 118-1-5

DEPARTMENT OF THE INTERIOR
CANADA
DOMINION WATER POWER AND HYDROMETRIC BUREAU

OTTAWA, ONT.

September 4, 1935.

AMh
Sir,-

I have received your letter of the 3rd instant advising me that it has been decided to install a water softening plant at the Blue Quills Indian Residential School at St. Paul, Alberta. Our Engineer in Charge at Calgary has been asked to investigate and make a recommendation as to the type and capacity of softener that should be installed and to obtain prices from the dealers able to supply the type of softener recommended.

Your obedient servant,

J. T. Johnston,
Director.

per M.F.C.

A. F. Mackenzie, Esq.,
Secretary,
Department of Indian Affairs,
Ottawa.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.

September 5, 1935.

MEMORANDUM:

The Honourable the Superintendent General,-

The Appropriation for Indian Education for the current fiscal year provides the sum of \$1,400.00 for the erection of a granary and hen-house at the Blue Quills Indian Residential School (Saddle Lake Indian Agency - Electoral District of Athabaska) Alberta.

Mr. Inspector Christiansen, Calgary, Alta., states that he has obtained a quotation on the material and labour for the two buildings. The Hayward Lumber Company, St. Paul, Alta., gives a discount of 15% on the regular price for the lumber and a 10% discount on the hardware. He recommends that the labour be performed by Mr. H. S. Fraser, St. Paul, Alta. The size of the granary will be 24 ft. x 50 ft. The material is quoted at \$710.84 and the labour estimated at \$225.00. The chicken house will be 15 x 40. The cost of the material is quoted at \$487.75 and the labour, at \$190. In all, these two buildings would cost a total of, approximately, \$1,615.

Mr. Christiansen is anxious that the work be started as soon as possible, in order that it can be completed before the extreme cold weather sets in. He recommends that he be authorized to purchase the material, from the Hayward Lumber Company and that Mr. H. S. Fraser be given the work of erecting both buildings. The material will be hauled by school teams and the Principal and the local Indian Agent will oversee the work.

I beg to request your approval for incurring the expenditure, for the purchase of the material from the Hayward Lumber Company, St. Paul, and for the employing of Mr. H. S. Fraser, St. Paul, to carry out the labour.

JS

Shouney

Deputy Superintendent General.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Economy Model Webb Water Softener [Down-Flow]

Model _____

Date _____

Capacity _____

Name _____

Grains Hardness _____

Address _____

Flow Rate _____

Backwash Rate _____

Directions For Operating

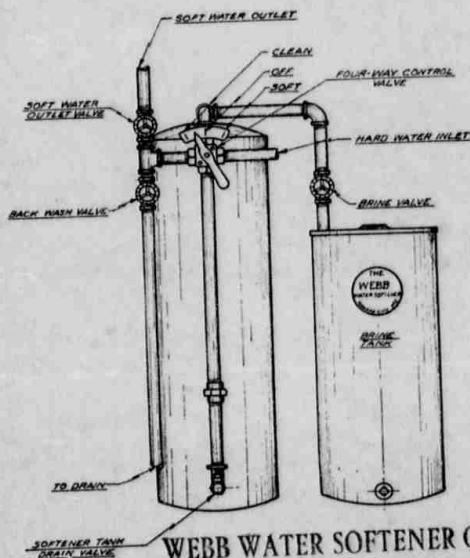
WHEN TO REGENERATE: If water drawn from softener is no longer soft by test, it is time to regenerate.
TO TEST: A bottle of liquid soap, a soap dropper and a marked testing bottle are supplied with each softener. When water is soft, two full drops of soap in one-third of a two ounce bottle will give a good permanent suds.

REGENERATION:

1. Close soft water outlet valve.
2. Turn control valve to "CLEAN."
3. Open backwash valve permitting backwashing at not over _____ gallons per minute until water is clear. If flow is less than specified, a longer backwash is required.
4. Close backwash valve.
5. Turn control valve to "OFF."
6. Open softener tank drain valve.
7. Open brine valve.
8. Permit _____ inches of saturated solution of salt brine to be syphoned into softener tank.
9. Close brine valve.
10. Close softener tank drain valve.
11. Permit salt brine to remain in softener tank 15 to 30 minutes (30 minutes when convenient).
12. Turn control to "SOFT."
13. Open softener tank drain valve, flushing brine from softener tank.
14. When water from drain outlet tests soft, close softener tank drain valve and open soft water outlet valve.

NOTE: To fill brine tank with water, open brine line valve AFTER softener is thoroughly regenerated and in service and lever handle is on "SOFT" on the Control Valve.

Keep brine tank one-half to two-thirds full of a good, clean, medium grade of rock salt. As there is from one-half to four pounds of insoluble in each 100 pounds of salt, brine tanks should be cleaned when necessary.



WEBB WATER SOFTENER CO.

L. A. TUPPER, Manager
 CALGARY, — ALBERTA

IMPORTANT: The soft water capacity of a WEBB WATER SOFTENER increases as the water becomes less hard and decreases as the hardness increases.

WEBB MANUFACTURING COMPANY

1813 BALTIMORE AVENUE, KANSAS CITY, MISSOURI

Phone: Grand 2790

Indian Affairs. School Files.
 (RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
 ARCHIVES PUBLIQUES
 CANADA

Department of Indian Affairs # 2.

the world's greatest absorbing mineral, having a guaranteed capacity of 15,000 grains of hardness per cubic foot.

Our Price for the above equipment is \$650.00 f. o. b. Calgary.

The Approximate Weight of this Softener is 1100 pounds.

We will pay the freight, cartage and other shipment charges, furnish pipes, fittings, valves and all labor necessary for the complete installation of the Softener for the additional sum of \$130.00.

We shall be glad to furnish any additional information which you may require.

Respectfully submitted,

WEBB WATER SOFTENER COMPANY.

By J. D. Dupper

LAT/L

Encl.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA



118-1-5
DEPT. OF INDIAN AFFAIRS
RECORDS

WEBB WATER SOFTENER CO.

L. A. TUPPER, Manager

Webb

b
6 Board of Trade Bldg.
CALGARY, Alberta
September 3rd, 1935.

The Secretary,
Dept. of Indian Affairs
Ottawa, Ont.

Dear Sir:

At the request of Mr. M. Christianson, Inspector of Indian Affairs, Alberta Inspectorate, we are quoting you herewith prices on a Webb Water Softener for the Blue Quills School, at St. Paul, Alberta.

The Softener which we propose to supply for this school is designed by the Webb Manufacturing Company of Kansas City, Mo. and manufactured by us in Calgary, according to their specifications. Owing to the extreme hardness of the water, we have selected their Down-flow Model. This type of Softener is an excellent filter as well as a Softener.

The Softener Equipment is composed of a Softener Tank and a Brine Tank with connections.

The Softener Tank would be 27" in diameter by 72" high, made of 10 gauge plate, hot galvanized, inside and out after welding.

The Brine Tank would be 27" in diameter, by 48" high, hot galvanized and of 14 gauge, with cover.

The Pipes, Fittings and Valves as shown on the enclosed sketch will be one inch.

A Four Way Control Valve, is on the water supply line to the Softener. With this the water flow can be reversed, for back-washing, thus throwing out all sediment which may have accumulated during the period of operation.

The Salt necessary for regeneration would be 96 pounds.

We understand that the water at the Blue Quills School has 42 grains of hardness per gallon, and that approximately 4000 gallons of water might be used each day, therefore we propose to furnish a Softener with a capacity to meet this requirement and we guarantee this Softener to do this.

The Zeolite (trade name "Webbolite") which we use in this Softener is

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

St. Paul Alberta, 118-1-5
Sept 3rd. 1935

[Handwritten signature]
Dept. of Indian Affairs,
Ottawa Ont.
Hon. Sir,

SEP 10 1935

R

As i was aware that Blue Quilt School at St. Paul is going to put up a granery and a chicken house on their ground, I would like to send you my soumission for your consideration, As i got the specifications from Mr. Gollion agent at Saddle Lake I am sending you the folling prices.

For the erection of a granery 50'x24'8" walls cement foundation 2 plys of lumber Shingles roof inside devided in four parts, I will build this for the sum of \$215.00

For the erection of the chicken house 40'x15' with 0' front and 7' back Cement foundation shingle roof 3 plys lumber 2 plys paper an windows and doors according to specification I will build it for the sum of \$178.00

Trusting you will ~~give~~ give this your considaration

I am your very truly ,

W. Genereux Contractor.

W Genereux

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

25
Blue Quills

118-1-5.



DEPARTMENT OF INDIAN AFFAIRS
CANADA

OFFICE OF THE
DEPUTY SUPERINTENDENT GENERAL
OTTAWA

September 5, 1935.

DEPT. OF INDIAN AFFAIRS
SEP 18 1935
RECORDS

MEMORANDUM:

The Honourable the Superintendent General,-

The Appropriation for Indian Education for the current fiscal year provides the sum of \$1,400.00 for the erection of a granary and hen-house at the Blue Quills Indian Residential School (Saddle Lake Indian Agency - Electoral District of Athabaska) Alberta.

Mr. Inspector Christianson, Calgary, Alta., states that he has obtained a quotation on the material and labour for the two buildings. The Hayward Lumber Company, St. Paul, Alta., gives a discount of 15% on the regular price for the lumber and a 10% discount on the hardware. He recommends that the labour be performed by Mr. H. S. Fraser, St. Paul, Alta. The size of the granary will be 24 ft. x 50 ft. The material is quoted at \$710.94 and the labour estimated at \$225.00. The chicken house will be 15 x 40. The cost of the material is quoted at \$497.75 and the labour, at \$190. In all, these two buildings would cost a total of, approximately, \$1,618.

Mr. Christianson is anxious that the work be started as soon as possible, in order that it can be completed before the extreme cold weather sets in. He recommends that he be authorized to purchase the material, from the Hayward Lumber Company and that Mr. H. S. Fraser be given the work of erecting both buildings. The material will be hauled by school teams and the Principal and the local Indian Agent will oversee the work.

I beg to request your approval for incurring the expenditure, for the purchase of the material from the Hayward Lumber Company, St. Paul, and for the employing of Mr. H. S. Fraser, St. Paul, to carry out the labour.

Approved

Harold W. Hill

Deputy Superintendent General.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

118-1-5.

Ottawa, September 18, 1936.

Sir:

I have your No. 407-11A of the 28th ultimo, in connection with the erection of a granary and chicken house at the Blue Quills Indian Residential School, giving a quotation on the material and labour for the two buildings.

In reply I have to say that you may purchase the lumber and other building material from the Hayward Lumber Company, St. Paul, Alberta, who, it is noted, will give a discount of 15% on the regular price for the lumber and a 10% discount on the hardware. You may also arrange with Mr. H. S. Fraser, St. Paul, Alta., to perform the labour in erecting the two buildings. It is noted that the size of the granary required is 24 ft. x 50 ft., with 8 ft. studs, the building to be on a surface cement foundation, the walls to be of common sheathing and siding and the necessary bins to be provided. It is noted, further, that the cost of the material for the building will be \$710.94 and for the labour, approximately, \$225. It is noted that the chicken house will be 15 ft. x 40 ft., with 7 ft. studs in the back and 9 ft. studs in front, and that the cost of the material for this building will be \$487.75 and the labour, \$190.

E.R. 3742
It is understood that the material will be hauled by the school teams and that the work in the erection of the buildings will be carried out under the supervision of the Principal and Mr. Agent Gullion. They should see that a satisfactory job is completed.

J.P.
M.M.
Itemized accounts, in triplicate, should be obtained, covering the cost of all materials, and accounts, in triplicate, for the labour provided. These accounts should be attached to proper voucher forms, certified in the usual manner, either by Agent Gullion or yourself, and forwarded for payment. Full details as to the labour employed should be given on the account, that is, days employed, rates paid, etc. The total expenditure in the erection of the two buildings should be kept within the sum of, approximately, \$1,615.

Regarding the installation of a water softening plant at this school, I have to say this matter has been referred to the Dominion Water Power Branch here. They have been requested to have their District Engineer investigate and make a recommendation as to the type and capacity of the softener that should be installed. When this report is received, the matter will be given attention.

Your obedient servant,

A. F. MacKenzie
A. F. MacKenzie,
Secretary.

M. Christianson, Esq.,
Inspector of Indian Agencies,
Inspector's Office,
CALGARY, Alta.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.

se

Ottawa, September 18, 1935.

Sir:

I have your letter of the third instant, quoting a price for which you would perform the labour in the erection of a granary and chicken house at the Blue Quills Indian Residential School.

In this connection I have to say that arrangements are being made, through our Inspector of Indian Agencies, Calgary, for the labour in carrying out the above work.

Your obedient servant,

A. F. MacKenzie
A. F. MacKenzie,
Secretary.

W. Genereux
W. Genereux, Esq.,
Contractor,
St. Paul,
Alta.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

118-1-6.

Ottawa, September 18, 1935.

Gentlemen:

I have your letter of the third instant, quoting on the supplying of a water softener for use at the Blue Quills Indian Residential School, St. Paul, Alberta, together with a description of the type of softener you can supply.

In this connection I have to say that the Dominion Water Power Branch of the Department of the Interior were requested to have their District Engineer in Calgary investigate and make a recommendation to the Department as to the type and capacity of softener that should be installed. I would suggest that you get in touch with the Engineer of the Dominion Water Power Branch in Calgary regarding the matter.

Your obedient servant,

A. F. MacKenzie

A. F. MacKenzie,
Secretary.

J.F.
mm

Webb Water Softener Co.,
6 Board of Trade Building,
C a l g a r y,
Alta.

Indian Affairs. School Files.
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PUBLIC ARCHIVES
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EXPENSE ACCOUNT OF D. MENZIES FOR INSPECTING THE
BLUE QUILL INDIAN SCHOOL SEPTIC TANK

September 10th, 1935.

260 miles auto expenses @ 8¢ per mile (Edmonton to St. Paul and return)	\$20.80
1 meal @ 50¢	50
	<hr/>
Total	\$21.30
	<hr/>

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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POOR COPY



Vote No.

Treaty No.

DEPARTMENT OF INDIAN AFFAIRS

To ~~XXXXXXXXXX~~ Dudley B. Mengies,

Provincial Sanitary Engineer,
Dept. of Public Health,

EDMONTON, Alta.

DATE 1935.	SERVICE	AMOUNT
Sept. 10	To expenses in connection with looking into faulty sewerage at Blue Quills Indian Residential School in the Saddle Lake Agency as per statement attached.	21.30
(See My letter 407-11A of September 13th, 1935)		
<p style="text-align: center;"> TRIPPLICATE FOR FILE Voucher in duplicate detached for Accountant to pay. <i>19/9/35</i> </p>		
TWENTY-ONE AND 30/100- - - - - DOLLARS		
TOTAL,		21.30

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just; also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

Calgary Voucher No. 74

W. Chisham
Inspector of Indian Agencies

FORM No. 506

Indian Affairs. School Files.
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CANADA



DEPARTMENT OF INDIAN AFFAIRS
CANADA

Ottawa, September 16, 1935.

MEMORANDUM:

Mr. Parker.

Please order for the Blue Quills
Indian Residential School one sewing machine
with hemstitching attachment.

The address to which this should
be sent is: -

Rev. Jos. Angin, O.M.I.,
Principal,
Blue Quills Indian Res. School,
ST. PAUL, ALTA.

The account, in triplicate, should also
be sent to the above address.

J. P. Phelan

118/11/5.

Reg. 837.
Gr. 1494

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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COPY OF PURCHASE ORDER ISSUED FOR HEAD OFFICE DEPT. OF INDIAN AFFAIRS, OTTAWA, FOR YOUR FILES.

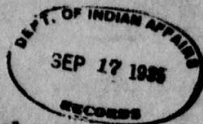
ORDER No.
REQ'N No. 837-1494

September 17th 35.

The Singer Sewing Machine Co.
424 Portage Ave.,
Winnipeg, Man.

Rev. Jos. Angin, O.M.I.,
Principal, Blue Quills Indian Res. School,
St. Paul, Alta.

Rev. Jos. Angin, O.M.I., Principal,
Blue Quills Indian Residential School,
St. Paul, Alta.



1 5-Drawer Singer Sewing Machine, No. 127-3 G.O. @ \$63.75
with hemstitching attachment (extra)

Less 45% gross cash

St. Paul, Alta.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

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GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF PUBLIC HEALTH



EDMONTON, ALBERTA

September 11, 1935.

M. Christianson, Esq.,
Inspector of Indian Agencies,
Alberta Inspectorate,
Department of Indian Affairs,
CALGARY, Alberta.

Dear Sir:

On your request I visited the Blue Quill Indian School at St. Paul with a view to seeing what could be done in connection with sewage odors, which were proving offensive to the inmates of the School. The Principal, Father Angin, informed me that the odor emanated from the septic tank itself, and that no objectionable odors resulted from the method used in finally disposing of the tank effluent in the nearby slough.

Upon examining the tank I found that screens had been placed over the openings above the weirs, to prevent the scum blanket, which forms in the tank proper, from entering the pumping chamber. The scum blanket in the tank had risen to a height at least a foot above the weir and the effluent from the septic tank found its way with difficulty into the pumping chamber. If the septic tank system was laid in accordance with the plan given me by Father Angin, dated August 19th, 1930, this rising of the scum blanket would naturally block up the incoming sewer to such an extent that the soil pipes of the building would not perform their ventilating function. The plan indicates that the invert elevation of the sewer from the building is 86.4, as is the weir elevation. Consequently a rise of one foot in the scum

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blanket above weir level would cut off ventilation through the soil pipes as previously mentioned. Since the gases found in the tank have no means of escape, other than into the pumping chamber, the latter result takes place. From the pumping chamber the gas rises to the building above the pumping chamber and thence reaches the outside air through the door of the forementioned building.

As a corrective to the nuisance, I would propose three schemes.

1. The construction of a vent stack leading from the pump chamber out through the roof of the building. This would be the cheapest solution but probably the least efficient, as it would not be very easy to raise the stack very high above the roof of the building.
2. The construction of a vent stack leading from the pump chamber underground to the side of the School and thence up the wall. In this manner the gases might be raised to a greater height and would be less likely to create a nuisance and then only under ideal barometric and wind conditions.
3. The blocking up of the weirs, doing away with the screens and substituting two or three elbows so constructed that their long arms would be submerged in the liquid below the scum blanket of the septic tank. By so doing the gases formed in the septic tank would have greater difficulty getting into the pumping chamber, and better air conditions could be maintained in the latter place. Moreover, I think that the invert elevation of that part of the elbow leading to the pumping chamber should be at least six inches lower than that of the present weir. By so doing the scum blanket would not build up so easily and thereby block up the ventilation of the tank proper through the soil pipes of the building. I am, of course, assuming that there are no traps on the line leading from the soil pipe to the septic tank. Father Angin had no plans available from which I could ascertain this fact.

I think the carrying out of Scheme 3 should be carried out whatever else is done, and that in the event of there still being trouble, Scheme 2 should be carried out. It is my opinion, however, that if Scheme 3 were carried out, no further difficulties would be encountered providing the scum blanket in the septic tank were not allowed to rise to such an extent as to block off the ventilation to the roof. This could only be carried out by periodically

Indian Affairs. School Files.
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PUBLIC ARCHIVES
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CANADA

- 3 -

pumping out the septic tank proper.

Should you require further assistance I should be glad to help you and trust that the report thus submitted is what you require.

I am also enclosing the travelling expenses incurred in quintuplicate. No charge is being made for my time. I regret that I cannot furnish receipts as my method of travelling under the Provincial Government does not require the same in connection with the use of my own car.

Yours very truly,



DUDLEY B. MENZIES,
Provincial Sanitary Engineer.

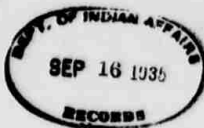
DBM:ES

Indian Affairs. School Files.
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CANADA



DEPARTMENT OF INDIAN AFFAIRS
CANADA



IN YOUR REPLY REFER TO
NO. 407-11A
ALSO TO DATE OF THIS LETTER

INSPECTOR'S OFFICE

PB CALGARY, ALTA. September 13, 1935.

Sir:

I beg to bring to the attention of the Department that on several different occasions I have reported that there was a very bad odour from the sewer at Blue Quills School. On days when the wind blows in a direction from the sewer to the School the odour in and around the building is most unpleasant, and both the Sisters and the Principal have complained of this to me every time I was there. Sometime ago I got in touch with the Provincial Government Health Department and they advised me that they would send one of their Sanitary Engineers to the School whenever he was up in that part of the country, and I am now in receipt of a report from Mr. Dudley B. Menzies, Provincial Sanitary Engineer of the Department of Public Health, in which he makes three suggestions, and I am enclosing this report herewith. I trust this matter will receive the consideration of the Department, and you will note that Mr. Menzies states that should we require further assistance he would be glad to be of service to us.

I am also attaching hereto the voucher for his travelling expenses in the amount of \$21.30, which I trust will be passed by the Department.

Your obedient servant,

M. Christianson,
Inspector of Indian Agencies,
Alberta Inspectorate.

The Secretary,
Department of Indian Affairs,
O T T A W A .

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

118-1-5.

Ottawa, Sept. 21, 1935.

Sir:

I have your 407-11A of the 13th instant, regarding the condition of the sewage disposal system at the Blue Quills Indian Residential School and enclosing a communication which you received from the Provincial Sanitary Engineer, who examined this service and who gives three suggestions to remedy present conditions.

The Department will approve of you arranging for the carrying out of Scheme No. 3, as outlined by the Sanitary Engineer, as follows:-

aw
[Signature]

The blocking up of the weirs, doing away with the screens and substituting two or three elbows so constructed that their long arms would be submerged in the liquid below the scum blanket of the septic tank. By so doing, the gases formed in the septic tank would have greater difficulty getting into the pumping chamber, and better air conditions could be maintained in the latter place. Moreover, I think that the invert elevation of that part of the elbow leading to the pumping chamber should be at least six inches lower than that of the present weir. By so doing, the scum blanket would not build up so easily and thereby block up the ventilation of the tank proper through the soil pipes of the building. I am, of course, assuming that there are no traps on the line leading from the soil pipe to the septic tank.

The Engineer has not given an estimate of the cost of carrying out this scheme, but, if it should not exceed

- the sum of

M. Christianson, Esq.,
Inspector of Indian Agencies,
Inspector's Office,
C a l g a r y, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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CANADA

the sum of \$150, you may make the necessary arrangements to proceed with the work. If, however, the cost would exceed that amount, you should advise the Department fully, stating the approximate amount that would be required. If you proceed with the work, you should see that a satisfactory job is completed and forward itemized accounts, in triplicate, properly certified, for payment.

The Department will leave the matter in your hands, to have the changes made at the earliest possible date in order to place the sewage disposal system in a satisfactory condition, provided, as stated, the cost will not exceed the sum of \$150.

After the alterations in the system are completed, it is noted that it will be necessary to have the septic tank periodically pumped out, in order to keep the scum blanket from rising to such an extent as to block off the ventilation to the roof, and you should instruct the Principal of the School to see that this is done.

I may add that the voucher which you submitted, covering the cost of travelling expenses of the Sanitary Engineer, has been paid.

Your obedient servant,



C. C. Parker,
Acting Secretary.

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Indian Affairs, School Files,
(RG 10, Volume 6346, File 751-5, part 5)

ON HIS MAJESTY'S SERVICE



ON HIS MAJESTY'S SERVICE

FROM THE

Department of the Interior

DOMINION WATER POWER AND HYDROMETRIC BUREAU

OTTAWA, Canada

A. F. Beckenzie, Esq.,

Secretary,

Department of Indian Affairs,

Ottawa.

66 "DURO" 99

GUARANTEED
DURO
MADE BY
PUMPS & SOFTENERS
LIMITED
LONDON, CANADA

MANUFACTURED IN CANADA BY—

PUMPS & SOFTENERS, LIMITED
LONDON ONTARIO

DURO-PRODUCTS

... A ...

*Catalogue of Water Pumping Systems
and
Water Purification Equipment*



Manufactured in Canada

By

PUMPS AND SOFTENERS, LIMITED

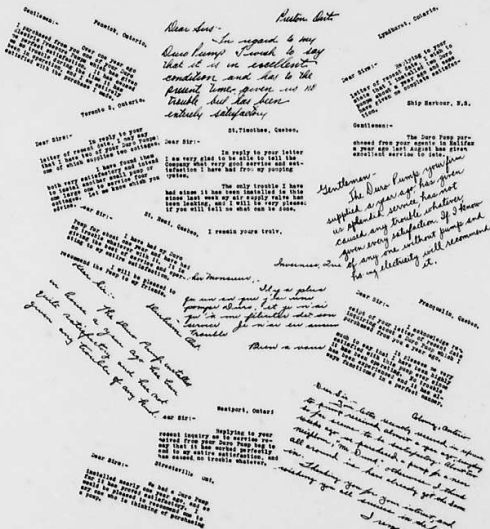
LONDON, ONTARIO

Indian Affairs. School Files.
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CANADA**

They all can't be wrong

The original letters from which the reproductions shown below are all on file at our office, and their names and addresses, together with countless others, will be supplied on request.



"A Duro Pump on a Power Line will give you water at anytime"

PUMPS and SOFTENERS LIMITED
LONDON, CANADA

The Theory of Pumping - - -



Fig. 1

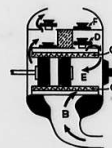


Fig. 2



Fig. 3

The one natural law which makes possible the operation of pumping equipment is the fact that atmosphere has the quality of weight. A blanket of atmosphere surrounds the earth and scientists have proved that at sea level this atmosphere weighs or exerts a pressure of 14.7 lbs. per square inch. As we ascend higher into the atmosphere, of course this blanket is not so thick and therefore weighs less per square inch and we find that on a mountain 5000 feet above sea level the atmosphere only weighs 12.1 lbs. per square inch.

A cubic inch of water weighs .036 of a pound, so we find that it takes a column of water 1 square inch in area and 33.9 ft. high to weigh 14.7 lbs. or as much as a full column of atmosphere 1 square inch in area at sea level.

Now take the case of the drilled well as in fig. 1. If we can provide some mechanical means of removing all the air pressure or the weight of the column of air in the tube "A" then the air pressure outside the tube will permeate the soil and force the water to rise in the tube as shown to a height equal to the air pressure outside of 14.7 lbs. per square inch which is, as stated above, 33.9 ft. at sea level. At 5000 ft. above sea level, owing to the air pressure only being 12.1 lbs. per square inch, the water would only rise 27.7 ft. In practise, these figures are reduced somewhat owing to loss due to mechanical efficiency, and at sea level the safe limit the water would rise is 23 ft. with a drop of 2 ft. for every pound loss in air pressure than 14.7 or 13 1/2 ft. drop in suction lift for every 1000 feet elevation above sea level.

In what we call a Shallow Well Pump, the pump cylinder or water box, as illustrated in Fig. 2, is located anywhere on top of the ground and is an integral part with the power mechanism which operates the plunger so that this type of pump can only pump water from a vertical depth at sea level of not over 25 ft. from the level of the pump cylinder, and a further reduction of 1 foot in vertical height for every 100 ft. of horizontal run in the suction pipe.

In the sectional cut Fig. 2 of a double acting Shallow Well water box, we have endeavored to show the course taken by the water. On the plunger stroke to the left, it comes up the suction pipe "B" around the loose cylinder liner "C" opening the Suction Valve "D" and into the chamber "E". On the plunger stroke to the right, the valve "D" will close and the water is trapped in chamber "E" will be forced by the plunger up through the discharge valve "F" and on into the delivery pipe. Of course, the reverse action takes place on the left side of the plunger.

In a Deep Well of anything over 25 ft. from surface of ground to water level, if we are to raise the water it is necessary to lower the pump cylinder to within a distance of 25 ft. or so under the water and connect it to the power head by means of a rod commonly known as sucker rod. This necessitates the power head being placed directly over the well and as the pump cylinder has to be located down the well shaft or casing it is advisable to use the proper length of connecting or drop pipe and sucker rod so that the pump cylinder is immersed a few feet in the water.

In Fig. 3, we show a sectional view of an open type single acting Deep Well Pump cylinder, the type most commonly used. There are also closed type cylinders and double cylinders, but the open type cylinder allows the plunger and lower seat valve to be removed by simply drawing the sucker rod without the necessity of pulling the entire drop pipe and cylinder. On the stroke of the plunger, the water comes in from inside the well casing "H" through the lower Seat Valve "G" and fills the Chamber "I" while the Valve "K" remains closed and the water in the Chamber "L" is forced on up through the drop pipe and a Check Valve at the ground surface. On the down stroke of the plunger, the valve "G" closes and the valve "K" opens allowing the water in Chamber "I" to pass on up through the Valve "K" in the plunger into Chamber "L".

PUMPS and SOFTENERS LIMITED
LONDON, CANADA

DURO PUMPS AND WATER SYSTEMS

DURO PUMPS are all of the piston plunger type. They provide a dependable supply of fresh running water under a strong pressure for suburban and farm homes, county estates, schools, institutions, and wherever water under pressure is required beyond the city water mains. They are divided into two classifications:

SHALLOW WELL PUMPS: Will draw water at sea level from any source within a maximum vertical lift of 25 feet from the water level to the suction intake of the pump. The shallow well pump need not be located directly over the source of water supply.

DEEP WELL PUMPS: Should be used when the water level is beyond the reach of a shallow well pump. They are designed to draw water from depths down to 300 feet. The deep well pump must be located directly over the well.

SELECTION OF PUMP TYPE: It is very necessary when selecting the type of pump that the fall of the water level in the well or cistern be taken into consideration. A great many wells do not have sufficient flow to maintain their original water level when water is being pumped from them, and therefore, before the water system is chosen the well should be tested to determine the exact fall in the water level. Then base the type system on the vertical distance from the low water level to the point where the pump is to be located. If this vertical distance is 25 feet or less, use a shallow well pump—and if more than 25 feet, use a deep well pump.

After the type pump has been selected it is necessary to determine the requirements for water. The table below should be used as a basis for such determination.

THE WATER SYSTEM: A water system consists of a pump, and also a pressure or storage tank and fittings. Duro pressure tanks are so arranged that 25% of the entire tank capacity may be withdrawn between standard 25-45 lb. operating pressures.

PUMP RATINGS: Duro Pump Capacity ratings are based upon normal discharge pressures at normal suction lifts. Many pump manufacturers base their capacities against "no pressure." Were we to do this, Duro pump capacities could be materially increased. All capacities on both pumps and pressure tanks are rated in wine gallons.

SPECIAL PUMPS: To be used as hot water circulating pumps, or for hot water uses; or for pumping fuel oil, can be furnished at the nominal additional charge of \$10.00 list. Such requirements should be especially specified on your order.

Specifying the System

SHALLOW WELL: The size pump and tank to be specified depends upon the average daily requirements, the maximum amount of water required during heavy demands, and the storage desired. It is far safer to specify a larger capacity pump and a smaller capacity tank; rather than the reverse.

Suppose a family uses 500 gallons of water a day. You must take into consideration the peak load required. If sprinkling is to be done, or water is called for truckily. If the peak load does not exceed say 200 gallons per hour, then a 250 gallon per hour pump should be specified. If, however, more water is required for sprinkling and other requirements, then it is safer to specify a larger size pump.

DEEP WELL PUMP sizes depend upon the well characteristics and usually require larger tank sizes than shallow well, because of the more restricted well capacities. See page 18, on Deep Well Installations.

How to Compute Water Requirements

The following figures are given as a guide in computing the amount of water that might be required for a given condition, and in selecting the proper Duro pump or system to fill the requirements. It is first necessary to determine the amount of water that will be required per day. From the following table of average consumption per day this can be figured:

For drinking and cooking	25 gal. per person per day.
To fill ordinary lavatory	1 1/2 gal.
To fill average bathtub	30 gal.
To flush water closet	4 to 6 gal.
For each shower bath	30 gal. per bath.
Continuous flowing drinking fountain	50 gal. per hour.
For sprinkling (1/2" nozzle)	225 gal. per hour.
For sprinkling (3/4" nozzle) 300 gal. per hour. (10 gal. will sprinkle 100 square feet, 20 gal. will soak 100 square feet.)	
Horses	10 gal. per head per day.
Cattle	10 gal. per head per day.
Hogs	2 1/2 gal. per head per day.
Sheep	1 1/2 gal. per head per day.

By dividing pump capacity per hour into average daily usage, average daily pumping hours can be determined. Pump capacity should be greater than maximum usage during any one hour.

The daily water requirements usually increase with time, and therefore the pump specified should be sufficiently large to handle such additional requirements.

PUMPS and SOFTENERS LIMITED
LONDON, CANADA

Directions for Installing

DURO PUMPS are all self contained, and are not dependent upon foundations to maintain alignments of the working parts, but a good foundation is essential to preserve correct position of the pump in relation to a driving mechanism and to avoid undue strain in the pipe connections. The pump should therefore be placed on a secure, level foundation (a good plank floor is sufficient) and pumps should be installed so that they can readily be reached from all sides.

SHALLOW WELL PUMPS should be placed as near the source of supply as possible. The vertical distance from source of supply to pump must not exceed 25 feet at sea level. Hot and thick liquids must flow to pump. If the source of supply is at a point where foreign matter may be drawn into the pump, with consequent clogging of valves, a strainer of good liberal area should be used on the suction pipe inlet.

THE SUCTION PIPE should never be smaller than the suction opening on the pump. In laying the suction line, a uniform grade must be maintained throughout to avoid air pockets, and if possible the lines should have a drop of not less than 6 inches in each 100 feet towards the supply. It should be of uniform size throughout, with as few bends and turns as possible. Use 45 degree elbows in preference to 90 degree elbows. Use gate valves few bends and turns as possible. Use a good pipe cement on all joints and pull tight.

THE CONNECTING PIPE from pump to tank should never be smaller than the delivery opening on the pump. It should be of uniform size throughout with as few bends as possible as smaller openings or numerous bends will create an instantaneous back pressure which will act on the pressure switch and cause it to cut in and out before the ultimate tank pressure is built up.

OPERATING

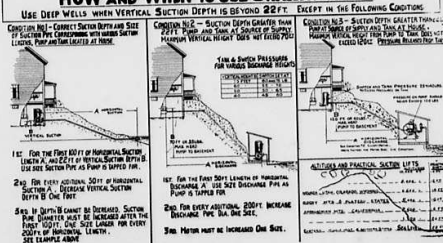
PRIMING: If the Shallow Well Pump takes its suction under difficulties on a new installation, prime by removing the plug in the vacuum chamber and filling with water. Do not screw stuffing box too tight (never use a wrench) as the packing swells and by being too tight increases the power necessary to drive the pump. Tighten only enough to prevent leaking.

THE VALVES and valve seats should be examined occasionally to see that dirt or pipe cuttings have not become lodged in them. If valve seats are roughened, clean with 00 sand paper.

FROST: If pump is located where there is danger of freezing, be sure it is thoroughly drained.

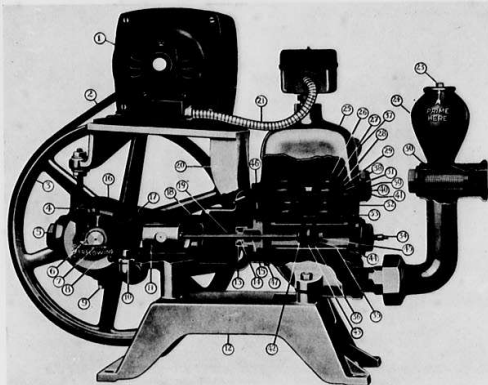
Read Instruction Sheets packed with all Duro Pumps.

HOW AND WHEN TO USE SHALLOW WELLS



PUMPS and SOFTENERS LIMITED
LONDON, CANADA

Duro Shallow Well Pump



1. Motor
2. Belt
3. Fly Wheel
4. Lubrication Wipers
5. End Cap
6. Crankshaft Bearings
7. Crankshaft
8. Cover Plate
9. Oil Drain Plug
10. Oil Filler
11. Crosshead
12. Pump Base
13. Gland Nut
14. Stuffing Box Follower
15. Packing
16. Crank Case

17. Connecting Rod
18. Duncce Cap
19. Piston Rod
20. Motor Bracket
21. BX Connectors
22. Switch
23. Primer Plug
24. Vacuum Chamber
25. Air Chamber
26. Valve Stem
27. Valve Spring
28. Valve Flare
29. Valve Rubbers
30. Suction Screen
31. Valve Seats
32. Separate Water Box

33. Waterways
34. Air Valve
35. Cylinder Liner
36. Cup Leathers
37. Relief Valve
38. Air Dome Screens
39. Air Dome Gasket
40. Valve Plate
41. Discharge Plate Gasket
42. Piston
43. Piston Plate
44. Piston Follower
45. Piston Nut
46. Stuffing Box Complete
47. Drain Plug

IMPORTANT.—If at any time repair parts are required, use above numbers when ordering and also give serial number of pump which is stamped on the metal plate on the water box.

PUMPS and SOFTENERS LIMITED
LONDON, CANADA

Outstanding Features of Duro Shallow Well Pumps

Motor—Repulsion induction Type, standard equipment. This type of Motor is found more durable, dependable, and unusually quiet in operation. Eliminates Radio interference.

Motor Pulley—V-Type, accurately designed, larger, preventing belt slipping, and plus much greater traction.

Motor Bracket—Hinged for positive belt take-up and constant alignment, adjustable.

Switch—Two-pole non-arcing prevents grounding of motor and burn outs due to lightning. Terminal markings, silver contacts of the toggle principle carry the current.

Belt—V-Type, Rubber cord with continuous no-break fibre construction. Equalized stress on fibres eliminates need for Idler pulley.

Body Casting—Heavy, rugged construction with crank case end separated from water box end, machined to assure perfect alignment.

Water Box—Exceptionally large waterways promoting greater volume, quiet operation less friction. Permits easy and inexpensive replacements in event of freezing.

Valves—Improved design with large waterways handling a greater volume of water more quietly. Discharge valves arranged to eliminate air binding, chrome plated to prevent valve rubbers sticking to valve seats.

Valve Rubbers—Extra large area of the flat type made of specially treated rubber to prevent crystallization and stretch. Valve plates to prevent valves from being forced into valve seats.

Cup Leathers—Best grade of oak tanned leather, sized to an even thickness throughout and specially treated. This insures pliability and longer wear.

Air Chamber—Designed so that it insures you of a greater air cushion and prevents loss of prime.

Schrader Air Valve—For tank air supply—the most satisfactory air supply on the market. On the backward stroke of the pump a small amount of air is taken into the cylinder and on the forward stroke forces the air into the pressure tank.

Vacuum Chamber—Extra large, cushions the water from hydraulic shock and makes pump self priming.

Screen—Easily removable in vacuum chamber suction line, prevents valves becoming fouled with leaves, dirt and foreign matter.

Piston Rod Wipes—Patented, so arranged that if stuffing box leaks, water will not be carried into the crank case to mix with the oil.

Piston Rod—Tolin bronze, large diameter. Cross-head and Wrist Pins are of the heavy duty type, accurately machined to the tolerance of a human hair.

Stuffing Box—Threaded on outside with a sliding gland which prevents wearing of packing and assures easy take up. New packing can be inserted in a few moments by the ordinary layman.

Crankshaft—High carbon drop forged steel, heat treated and ground centre throw type, supported between two extra heavy highgrade phosphor bronze bearings, insuring positive alignment, long life and quiet operation. Crank bearing made to Bureau of Standard specifications.

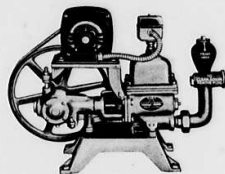
Lubrication—Splash wipe and gravity system. Large oil wells and two oil wipers, insuring complete lubrication of all moving parts in the crankcase. Oil overflow and oil drain plugs.

APPROVED BY THE HYDRO ELECTRIC POWER COMMISSION OF ONTARIO.
LABORATORY APPROVAL No. 898.

PUMPS and SOFTENERS LIMITED
LONDON, CANADA

Duro Shallow Well Pumps

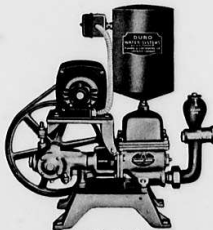
250 and 340 Gallons per hour



Duro Champion

The "Champion" 250 and 340 Duro Electric Pump

This pump has everything—design, looks, quality, low price, outstanding performance, smoothness, and quiet dependable operation. Equipped complete with Repulsion-Induction Motor, Double Contact Automatic Pressure Controller, Relief Valve, Adjustable Motor Bracket, V-Belt drive, and with divided water box and crank case casting. Wipe, splash and gravity positive lubrication system, with oil overflow and oil drain plugs. Large waterways and large valves, Bearings, Connecting Rod, Crank Shaft and Piston Rods—big rugged construction. Furnished in 250 or 340 gallons per hour capacity. Specifications next page.

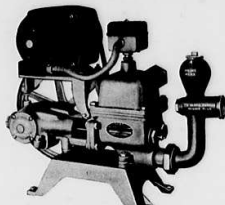


Duro Fresh Flow

250 Duro Fresh Flow System

The Fresh Flow utilizes the above 250 Champion Duro Pump plus a small non-storage pressure tank, thus providing fresh water under strong pressure direct from the well. Duro dealers sell the Fresh Flow by the score for such applications as small cottages, summer resort homes, camps and wherever fresh water direct from the well is required where the capacity requirements do not exceed 250 gallons per hour.

Duro Shallow Well Pump Specifications



Duro Duplex

The illustration on this page shows the 500 gallon per hour duplex pump. The 500 and 600 gallon per hour pumps are identical in workmanship, quality and performance with the 250 pump, except they are duplex cylinder jobs.

The following specifications cover the 250 Freshflow, the 250, 340, 500 and 600 gallon per hour shallow well pumps. For larger size shallow well pumps, see the 100 series "Deluge" pumps.

The Freshflow, the 250 and the 340 pumps are double-acting, single cylinder types; while the 500 and 600 gallon per hour pumps are double-acting, duplex cylinder types.

Specifications 250, 340, 500, 600 Pumps

Pump No.	Capacity Per Hour	Width	Dimensions Depth	Height	Suction	Disch.	Shipping Weight	Motor Size
250 FF	250 gal.	27"	11"	27"	1"	3/4"	115 lbs.	1/4 HP
250	250 gal.	27"	11"	21"	1"	3/4"	100 lbs.	1/4 HP
340	340 gal.	27"	11"	24"	1"	1"	105 lbs.	1/4 HP
500	500 gal.	27"	15"	21"	1 1/4"	1"	120 lbs.	1/2 HP
600	600 gal.	27"	15"	23"	1 1/4"	1"	130 lbs.	3/2 HP

The above furnished for standard 25-45 lbs. operating pressures.

For Pumps of Higher Than Standard Pressure

Pump No.	Capacity Per Hour	Width	Dimensions Depth	Height	Suction	Discharge	Motor Size	Maximum Operating Pressure
341	250 gal.	27"	11"	24"	1"	3/4"	1/4 HP	45-65
342	200 gal.	27"	11"	24"	1"	3/4"	1/4 HP	60-80
343	125 gal.	27"	11"	24"	1"	3/4"	1/4 HP	85-105
601	500 gal.	27"	15"	23"	1 1/4"	1"	1/2 HP	45-65
602	400 gal.	27"	15"	23"	1 1/4"	1"	1/2 HP	60-80
603	250 gal.	27"	15"	23"	1 1/4"	1"	1/2 HP	85-105

Always specify voltage and cycles of electric current.

DURO

Duro Vertical Tank Systems Specifications

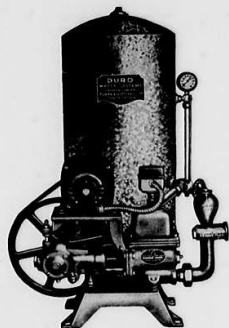
The vertical tank system consists of a regular standard pump, a vertical pressure tank, and necessary valves, gauge glass mountings and sediment drain faucet. In ordering, specify whether black or galvanized tank is wanted.

Specifications of No. 250 "Duro" Vertical Tank Systems

Size of Complete System	Pump Capacity Per Hr. Gals.	Capacity of Tank Gals.	Tank Dim. Inches		Overall Dim. Inches	Shipping Weight		
			Depth	Height				
250-AA-2	250	30	16	36	24	32	30	170
250-A-2	250	42	16	48	24	32	52	184
250-B-2	250	80	20	60	26	32	64	244
250-C-2	250	120	24	60	28	34	64	329

Specifications of No. 340 "Duro" Vertical Tank Systems

Size of Complete System	Pump Capacity Per Hr. Gals.	Capacity of Tank Gals.	Tank Dim. Inches		Overall Dim. Inches	Shipping Weight		
			Depth	Height				
340-AA-3	340	30	16	36	29	32	39	180
340-A-3	340	42	16	48	29	32	52	194
340-B-3	340	80	20	60	29	32	64	260
340-C-3	340	120	24	60	29	36	64	325



Duro 250-AA-2 Water System

Specifications of No. 500 "Duro" Vertical Tank Systems

Size of Complete System	Pump Cap. Per Hour	Capacity of Tank Gals.	Tank Dim. Inches		Overall Dim. Inches	Shipping Weight		
			Depth	Height				
500-AA-5	500	30	16	36	29	32	39	205 lbs.
500-A-5	500	42	16	48	29	32	52	210 lbs.
500-B-5	500	80	20	60	29	32	64	270 lbs.
500-C-5	500	120	24	60	29	36	64	335 lbs.

Specifications of No. 600 "Duro" Vertical Tank Systems

Size of Complete System	Pump Cap. Per Hour	Capacity of Tank Gals.	Tank Dim. Inches		Overall Dim. Inches	Shipping Weight		
			Depth	Height				
600-AA-6	600	30	16	36	29	32	39	215 lbs.
600-A-6	600	42	16	48	29	32	52	220 lbs.
600-B-6	600	80	20	60	29	32	64	280 lbs.
600-C-6	600	120	24	60	29	36	64	345 lbs.

All of the above systems are fully automatic in operation, with standard tank operating pressures of 25-45 lbs. Higher operating pressures with lower capacity in gallons can be furnished in the No. 340 and No. 600 systems. If a 340 type system for 45-65 pressures in 250 gallon pump capacity is wanted, order the 301 system with identifying tank characters. The same applies to the 342 and the 602 higher pressure jobs. 110 or 220 A.C. 60 cycle, or 25 cycle Motors are standard.

Always specify voltage and cycles of electric current when ordering.

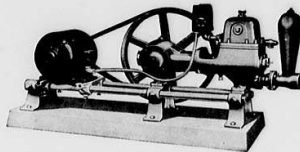
Note—Systems with larger size tanks can be supplied—See tank sizes.

PUMPS and SOFTENERS LIMITED

LONDON, CANADA

DURO

Duro 100 Series "Deluge" Pumps



The Duro No. 100 Series Deluge Pumps are designed for pumping water from shallow wells where large requirements of water are needed. They range in capacities from 800 gallons per hour to 2,000 gallons per hour. The standard pressure range is 25-45 pounds, and 60-80 pounds. Quotations will be furnished upon application covering higher than 80 pounds pressure. Write factory.

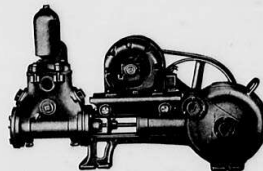
The 100 series Deluge pumps are exceptionally quiet running and are used in large homes and institutions where quietness of operation is a major consideration.

Specifications Covering 100 Series Pumps

Size No.	Capacity G.P.H.	Pump R.P.M.	Size Motor	Overall Dimensions			No. of Belts	Pounds Pressure	Suction	Discharge	Shipping Weight
				Width	Height	Length					
101	800	210	3/4 H.P.	18"	23"	60"	2	25-45	2"	1 1/2"	325
102	800	210	1	18"	23"	60"	2	60-80	2"	1 1/2"	375
111	1200	210	1	18"	23"	60"	2	25-45	2"	1 1/2"	375
112	1200	210	1 1/2	18"	23"	60"	2	60-80	2"	1 1/2"	390
121	1600	210	1 1/2	18"	23"	60"	3	25-45	2"	1 1/2"	390
122	1600	210	2	18"	23"	60"	3	60-80	2"	1 1/2"	400
131	2000	210	2	18"	23"	60"	3	25-45	2"	1 1/2"	490

Bulldozer Shallow Well Pumps

Bulldozer Shallow Well Pumps are single cylinder reciprocating pumps and are designed for construction work, irrigation systems, etc., where quietness of operation is not a necessity. Equipped with V-Belts.



Specifications Covering Bulldozer Pumps

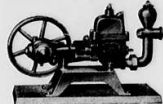
Size No.	Capacity G.P.H.	Revolutions Per Minute	Size Motor	Floor Space	No. of Belts	Pounds Pressure	Suction & Discharge
3	1000	70	1	10x45	2 V Belts	25-45	1 1/2"
4	2000	70	2	20x55	3 V Belts	25-45	2"
5	3000	65	3	20x57	3 V Belts	25-45	2 1/2"
6	4500	52	On	24x57	1 Flat Leather	On	3 1/2"
8	9000	45	Application	40x78	1 Flat Leather	Application	4"

PUMPS and SOFTENERS LIMITED

LONDON, CANADA

Duro Power Pumps

Equipped with tight pulley only, and mounted so that they can be driven from a gasoline engine or line shaft. Used principally where electric current is not available. Furnished in both shallow and deep well types. Small shallow well type furnished with air chamber.



P-340 Power Pump

Overall dimensions: P-340, 25" long by 10" wide by 14" high. P-600, 25" by 12" by 14". Maximum pressure, 135 lbs. P-340, Suction, 1" suction, 3/4" discharge; P-600, 1 1/2" suction, 1" discharge.

P-340 and P-600

These pumps are furnished less motor, motor base, belt, switch, relief valve, equipped with 2-inch face by 11-inch diameter tight power pulley.

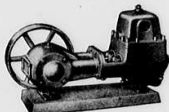
Size	Max. Speed	Max. Capacity	Shipping Weight
P-340	290 RPM	340 GPH	75 lbs.
P-600	290 RPM	600 GPH	85 lbs.

No. 100 Series Power Pump

Furnished less motor, motor bracket, belt, switch, relief valve, and vacuum chamber. Equipped with 2 1/2" by 12" diameter tight power pulley.

Size	Max. Capacity	Max. Speed	Size Cylinder
P-101	800 GPH	210	1 1/2"
P-111	1200 GPH	210	1 1/2"
P-121	1500 GPH	210	2 1/4"
P-131	2000 GPH	210	2 1/2"

Dimensions, overall—16" long by 13" wide by 15" high. Maximum pressure, 165 lbs. Suction 2", Discharge 1 1/2". Vacuum chamber extra. See price sheet. Shipping weight 250 lbs.



**No. 100 series Power Pump
Furnished with wood base**

Deep Well Power Pumps

Deep Well Power Pumps are furnished in two size heads, the 900 and the 3000 type.

The pump pulley on both sides is a flat-face 2 1/2" by 12" diameter tight pulley only.

The heads are furnished less motor, belt, switch, air pump, relief valve and cylinder.

Note—Although relief valve and air pump are shown in the illustration, these are not furnished regularly. See price sheet.

Specifications on the 900 type. Overall dimensions, 17" by 14" by 20" high. Discharge opening, 1" maximum pressure, equivalent to 125 pounds head. Maximum operating speed, 60 revolutions per minute. Shipping weight, 170 pounds.

In ordering, furnish diameter of well casing, and drop pipe. See page 10 for cylinders.

Specifications on the 3000 type. Overall dimensions, 18" by 18" by 40" high. Discharge opening 1 1/2". Maximum pressure, equivalent to 125 lbs. head. Maximum operating speed, 50 revolutions per minute. Shipping weight, 400 pounds.

In ordering, furnish diameter of well casing, and drop pipe. See page 19 for cylinders.



Deep Well Power Head

PUMPS and SOFTENERS LIMITED
LONDON, CANADA

Duro Gasoline Engine Drive Shallow Well Pumps

The Gasoline Engine used with Duro Pumps is of the latest air-cooled type. All working parts are completely enclosed. The engine is self lubricating. Realizing that often a woman or a boy is called upon to start water systems, a pedal has been provided which spins the motor in a very simple manner and assures a quick start.

When used with open or overhead tank circuit breaker is not required.

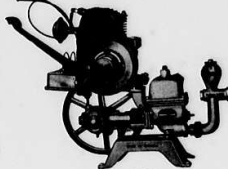
When pressure tank is used a circuit breaker is necessary. The circuit breaker stops the engine automatically at a pressure of 45 pounds, but is manually started.

The G.E. Duro Shallow Well Pump is furnished in two types.

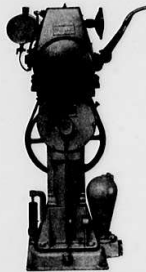
The No. 300 G.E. is double acting single cylinder and the No. 500 G.E. is double acting duplex cylinder. They are designed for installation where the depth to the water level in the well is less than 25 feet.

"Can be converted into an Electric Unit at small extra cost when electricity is available."

Size No.	Capacity	H.P.	Shipping Weight	Suction	Discharge
300 G.E.	300 G.P.H.	1/2	160 lbs.	1"	1"
500 G.E.	500 G.P.H.	3/4	200 lbs.	1 1/4"	1"



No. 300 G.E.



No. 900 G.E.

Duro Gasoline Engine Drive Deep Well Pumps

The G.E. Duro Deep Well Pumps are built to furnish water to homes institutions, etc., beyond city water and electric service where the depth to water level in the well ranges from 25 feet to 80 feet.

"Can be converted into an Electric Unit at small extra cost when electricity is available."

SPECIFICATIONS

Size No.	Maximum Depth	Capacity Per Hour	Open Type Cyl.		Closed Type Cyl.		H.P.	Size Cylinder
			Size Drop Pipe	Size Casing	Size Drop Pipe	Size Casing		
931 G.E.	80'	175	2"	3"	1"	2"	3 1/2"	1 1/2"
950 G.E.	40'	225	2 1/2"	3 1/2"	1 1/4"	2 1/2"	3 1/2"	2 1/4"

PUMPS and SOFTENERS LIMITED
LONDON, CANADA

Duro 900 Deep Well Pump

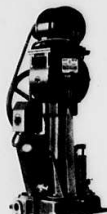
Specifications

Pump with Open Type Well Cylinders

Size No.	Capacity G.P.H.	Well Casing	Max. Depth	Size Motor	Size Cyl.	Sucker Rod	Drop Pipe
901 OT	175	3"	80'	1/2 H.P.	1 1/2"	1 1/2" Wood	2'
941 OT	170	3"	160'	3/4 H.P.	1 1/2"	1 1/2" Wood	2'
944 OT	165	3"	250'	3/4 H.P.	1 1/2"	1 1/2" Wood	2'
950 OT	225	3 1/2"	40'	1 1/2 H.P.	2 1/4"	1 1/2" Wood	2 1/2"
961 OT	280	3 1/2"	80'	3/4 H.P.	2 1/4"	1 1/2" Wood	2 1/2"
963 OT	275	3 1/2"	140'	3/4 H.P.	2 1/4"	1 1/2" Wood	2 1/2"
971 OT	325	4 1/4"	35'	1 1/2 H.P.	2 1/4"	1 1/2" Wood	3"
973 OT	400	4 1/4"	55'	3/4 H.P.	2 1/4"	1 1/2" Wood	3"

Pumps with Closed Type Well Cylinders

Size No.	Capacity G.P.H.	Well Casing	Max. Depth	Size Motor	Size Cyl.	Sucker Rod	Drop Pipe
931 CT	175	2"	80'	1/2 H.P.	1 1/2"	3/4" Pipe	1"
941 CT	170	2"	160'	3/4 H.P.	1 1/2"	3/4" Pipe	1"
944 CT	165	3"	250'	3/4 H.P.	1 1/2"	3/4" Pipe	1"
950 CT	225	2 1/2"	40'	1 1/2 H.P.	2 1/4"	1 1/2" Wood	1 1/2"
961 CT	280	2 1/2"	80'	3/4 H.P.	2 1/4"	1 1/2" Wood	1 1/2"
963 CT	275	2 1/2"	140'	3/4 H.P.	2 1/4"	1 1/2" Wood	1 1/2"
971 CT	325	3"	35'	1 1/2 H.P.	2 1/4"	1 1/2" Wood	2"
973 CT	400	3"	55'	3/4 H.P.	2 1/4"	1 1/2" Wood	2"



Duro 900 Series Deep Well Pump

The above pumps include single acting cylinder, and Alternating or Direct Current Motor. For odd cycles, see price sheet. Give full current specifications when ordering.

V-BELT DRIVE only. V-belt guard extra—see price sheet.

Above pumps may be fitted as FRESHFLOW system by addition of Freshflow tank and fittings—see price sheet for added cost.

Drop Pipe, sucker rod and frost-proof set length extra.

To Make Up 900 Complete Systems

Complete system includes one of the 900 pumps with cylinder as listed above; plus a Duro pressure tank, light glass and mountings, and 1 inch valve. For price of complete system, add price of pump complete to price of tank and fittings—see price sheet.

See page 20 for tank sizes.

PUMPS and SOFTENERS LIMITED
LONDON, CANADA

Duro 3000 and 3200 Series Deep Well Pumps

The 3000 Duro Deep Well Pump has a capacity range of 233 gals. per hour at 500 feet depth to 1143 gals. per hour at 35 ft. depth, and is equipped with single acting cylinders, closed or open type optional.

The 3200 Duro Deep Well Pump has a capacity range of 500 gals. per hour at 200 ft. depth to 2100 gals. per hour at 80 ft. depth and employs the use of the double acting Deep Well cylinder.

The above series pumps are the outstanding quality pumps of the large Duro Deep Well Pump field.

Large, tough, perfectly moulded castings support rugged and accurately machined moving parts in perfect harmony, to produce a dependability and a superior performance that is unsurpassed. Thoroughly saturated with lubrication and supported by large Timken Roller Bearings and driven with multiple V-belts, a surprising quietness is obtained in such heavy duty work.

No. 3000 Deep Well Pump Specifications

Pumps with Open Type Well Cylinders

Size No.	Cap. G. P. H.	Well Casing	Maximum Depth	Motor	Size Cyl.	Sucker Rod	Drop Pipe
3005	233	3"	200'	1 H.P.	1 1/2"	1 1/2" Wood	2'
3010	233	3"	300'	1 1/2 H.P.	1 1/2"	1 1/2" Wood	2'
3015	350	3 1/2"	150'	1 1/2 H.P.	2 1/4"	1 1/2" Wood	2 1/2"
3020	350	3 1/2"	275'	1 1/2 H.P.	2 1/4"	1 1/2" Wood	2 1/2"
3024	350	3 1/2"	370'	1 H.P.	2 1/4"	1 1/2" Wood	2 1/2"
3025	525	4 1/4"	125'	1 1/2 H.P.	2 1/4"	1 1/2" Wood	2 1/2"
3030	525	4 1/4"	200'	1 1/2 H.P.	2 1/4"	1 1/2" Wood	2 1/2"
3034	525	4 1/4"	300'	2 H.P.	2 1/4"	1 1/2" Wood	2 1/2"
3035	735	4 1/4"	40'	1 1/2 H.P.	2 1/4"	1 1/2" Wood	2 1/2"
3040	735	4 1/4"	75'	2 H.P.	2 1/4"	1 1/2" Wood	2 1/2"
3044	735	4 1/4"	150'	2 H.P.	2 1/4"	1 1/2" Wood	4"
3045	980	5"	40'	1 1/2 H.P.	3 1/4"	1 1/2" Wood	4"
3049	980	5"	70'	2 H.P.	3 1/4"	1 1/2" Wood	4"

Pumps with Closed Type Well Cylinders

Size No.	Cap. G. P. H.	Well Casing	Maximum Depth	Motor	Size Cyl.	Sucker Rod	Drop Pipe
3009	325	3"	75'	1 H.P.	2 1/4"	1 1/2" Wood	2'
3065	525	3"	125'	1 1/2 H.P.	2 1/4"	1 1/2" Wood	2'
3069	525	3"	200'	1 1/2 H.P.	2 1/4"	1 1/2" Wood	2'
3080	875	4"	35'	1 H.P.	3 1/4"	1 1/2" Wood	2 1/2"
3090	875	4"	75'	1 1/2 H.P.	3 1/4"	1 1/2" Wood	2 1/2"
3099	1143	4 1/4"	35'	1 1/2 H.P.	4 1/4"	1 1/2" Wood	2 1/2"
3094	735	3"	75'	1 H.P.	2 1/4"	1 1/2" Wood	2'

Note—To protect motors of 2 H.P. and above, we recommend the use of an "across the line" starting switch of any standard make as supplementary equipment to carry the motor load while the pump switch controls the tank pressure.

The above pumps include single acting cylinder, and Alternating or Direct Current Motor. For odd cycles see price sheet. Give full current specifications when ordering.

Multiple V-belt Drive is standard; chain drive running in oil optional at extra cost, see price sheet. Drop pipe, sucker rod and frost-proof set length extra.

No. 3200 Duro "Steadiflo" Deep Well Pump Specifications

With Double Acting Cylinder

Size No.	Cap. G. P. H.	Well Casing	Max. Depth	Motor	Size Cyl.	Drop Pipe	Sucker Rod Extra Heavy	Sucker Rod Guide Cyls
3201	610	3 1/2"	50'	1 H.P.	2 1/4"	2 1/2"	3/4" W.I. Pipe	1 1/2" x 1 1/2"
3202	610	3 1/2"	150'	1 1/2 H.P.	2 1/4"	2 1/2"	3/4" W.I. Pipe	1 1/2" x 1 1/2"
3203	500	3 1/2"	200'	2 H.P.	2 1/4"	2 1/2"	3/4" W.I. Pipe	1 1/2" x 1 1/2"
3204	905	4 1/4"	75'	1 1/2 H.P.	2 1/4"	2 1/2"	3/4" W.I. Pipe	1 1/2" x 1 1/2"
3205	905	4 1/4"	160'	2 H.P.	2 1/4"	2 1/2"	3/4" W.I. Pipe	1 1/2" x 1 1/2"
3206	825	4 1/4"	220'	3 H.P.	2 1/4"	2 1/2"	1" W.I. Pipe	1 1/2" x 1 1/2"
3207	1250	4 1/4"	300'	3 H.P.	3 1/4"	2 1/2"	1" W.I. Pipe	1 1/2" x 1 1/2"
3208	1200	4 1/4"	85'	2 H.P.	3 1/4"	2 1/2"	1 1/2" W.I. Pipe	1 1/2" x 1 1/2"
3209	1700	5"	80'	3 H.P.	4 1/4"	2 1/2"	1 1/2" W.I. Pipe	1 1/2" x 1 1/2"
3210	2100	5"	80'	3 H.P.	4 1/4"	2 1/2"	1 1/2" W.I. Pipe	1 1/2" x 1 1/2"

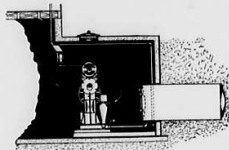
Note—To protect motors of 2 H.P. and above, we recommend the use of an "across the line" starting switch of any standard make as supplementary equipment to carry the motor load while the pump switch controls the tank pressure.

The above pumps include double acting cylinder, and Alternating or Direct Current Motor. For odd cycles see price sheet. Give full current specifications when ordering.

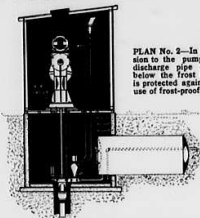
Multiple V-belt Drive is standard; chain drive running in oil optional at extra cost, see price sheet. Drop pipe, sucker rod and frost-proof set length extra.

PUMPS and SOFTENERS LIMITED
LONDON, CANADA

DURO DEEP WELL INSTALLATIONS



PLAN No. 1.—An Ideal Deep Well Installation where the tank is buried in the ground. Note opening in top of pit for withdrawing Sucker Rod or Drop Pipe.



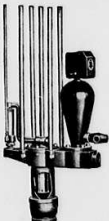
PLAN No. 2.—In this case an extension to the pump is made so the discharge pipe can be taken off below the frost line so the pump is protected against freezing. Note use of frost-proof set-length.

Water-Proof Pit Construction

In order to make pits as nearly water-proof as possible, and to prevent seepage, we recommend the following method of construction.

1. Excavate 2 feet wider and longer than outside dimensions of pit.
2. Pour about 3" of concrete on complete bottom.
3. Coat top of bottom with tar thoroughly.
4. Set wall forms.

5. Pour Walls. Setting in any pipe first.
6. Coat outside of walls with tar thoroughly.
7. Pour 3" of concrete over tar on inside floor.
8. Fill in dirt around walls.
9. Note drawing above. Tar makes a joint at bottom of walls and around well casing, or any other pipe that goes through the walls.



S. L. 900

S. L. 900 Frost-proof Set Length—Duro Set Lengths are so constructed that the pump head can be located above the surface of the ground and the water box lowered to a point below the frost line. The discharge line is then taken off from the water box and the danger of freezing is entirely eliminated. The air pump is lowered with the water box, giving the user absolute protection against freezing.

Supplied for 900, 3000 and 3200 series pumps, regular length 4 feet.

Fig. 905—Duro Guide Couplings—Prevent buckling of Sucker Rod on double acting cylinder installations. The sucker rod should be of extra heavy galvanized pipe cut to 10 ft. lengths.

S. R. 910 Wood Sucker Rod with Galvanized Couplings—Made from best quality ash, free from knots and checks, and fitted with galvanized heavy pattern malleable iron couplings—furnished in sizes 1½", 1¾", 1½".

S. R. 912 Galvanized Iron Sucker Rod—Complete with couplings, furnished in solid genuine wrought iron bar or galvanized iron pipe.

Duro Drifted and Reamed Drop Pipe—For use with open type cylinders furnished in sizes 2" to 4".

Size of Sucker Rod	Size of Guide Couplings	No. of Pump
3/4" Extra Heavy Pipe	1 3/4 x 2 1/2	3201, 3202, 3203
1"	2"	3204, 3205
1 1/4"	1 3/4	3206
1 1/2"	1 3/4	3207, 3208
1 3/4"	1 3/4	3209
1 1/2"	1 3/4 x 1 1/2	3210

PUMPS and SOFTENERS LIMITED
LONDON, CANADA

Duro Deep Well Cylinders



Open Type Cylinder



Closed Type Cylinder

Duro Open Type Single Acting All Brass Cylinder

The working parts can be removed without pulling entire cylinder. Generally used in drilled or driven wells where well cylinder is too small to accommodate an open type cylinder of sufficient capacity. Cylinder furnished with couplings to connect it to both the drop pipe and wood sucker rod. Sucker rod coupling furnished.

Inside Diam. of Cylinder	Max. Length of Stroke	Size of Drop Pipe	Smallest size well casing it can be used in	Size and kind of sucker rod
1 1/4"	8"	2"	3" Inside Diameter	1 1/2" Wood
1 3/4"	8"	2 1/2"	3 1/2" Inside Diameter	1 3/4" Wood
2 1/4"	8"	3"	4 1/4" Inside Diameter	1 3/4" Wood
3 1/4"	8"	3 1/2"	4 1/2" Inside Diameter	1 1/2" Wood
3 1/2"	8"	4"	5 1/2" Inside Diameter	1 3/4" Wood

Also furnished with steel encased cylinder with brass liner.

DURO Closed Type Single Acting All Brass Cylinder

Working parts cannot be removed without pulling entire cylinder. Generally used in drilled or driven wells where well cylinder is too small to accommodate an open type cylinder of sufficient capacity. Cylinder furnished with couplings to connect it to both the drop pipe and wood sucker rod.

Inside Dia. of cylinder	Max. Length of stroke	Size of Drop Pipe	Smallest size well casing it can be used in	Size and kind of sucker rod
1 1/4"	8"	1"	2" Inside Diameter	3/8" Pipe
1 1/2"	8"	1 1/2"	2 1/2" Inside Diameter	1 1/2" Wood
2 1/4"	8"	2"	3" Inside Diameter	1 1/2" Wood
3 1/4"	8"	2 1/2"	3 1/2" Inside Diameter	1 1/2" Wood
3 1/2"	8"	3"	4" Inside Diameter	1 1/2" Wood
4"	8"	3 1/2"	4 1/2" Inside Diameter	1 3/4" Wood

DURO Open Type Double Acting All Brass Cylinder

Working parts can be removed without pulling cylinder and drop pipe. Recommended for use when a greater capacity is required from a well casing that can be secured with a single acting cylinder. It discharges water on both up and down strokes, increasing capacity and creating even load. Special sucker rod guide couplings to prevent sucker rod from buckling on down stroke are required. See special guide couplings on page 18.

Inside Dia. of Cylinder	Max. Length of Stroke	Size of Drop Pipe	Smallest well casing it can be used in	Extra heavy sucker rod	Size of sucker rod guides and guide coupling
2 1/4"	8"	2 1/2"	3 1/2" Inside Diam.	3/4" W.I. Pipe	3/4" x 2 1/2"
2 3/4"	8"	3"	4 1/4" Inside Diam.	1/2" W.I. Pipe	1/2" x 3"
3 1/4"	8"	3 1/2"	4 1/2" Inside Diam.	1" W.I. Pipe	1" x 3 1/2"
3 1/2"	8"	4"	5" Inside Diam.	1 1/4" W.I. Pipe	1 1/4" x 4"
4 1/4"	8"	4 1/2"	6" Inside Diam.	1 3/4" W.I. Pipe	1 3/4" x 4 1/2"

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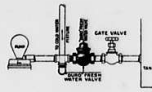
DURO



D-4385



D-440



D-9036



D-1162

Fig. D-8385 EMCO DURO RELIEF VALVES—Emco Duro Pressure Relief Valves are especially suitable for pneumatic water supply systems as a protection against accident due to excessive pressure in the system from any cause. They are made in sizes $\frac{1}{2}$ " to $1\frac{1}{2}$ ".

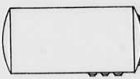
Emco Duro Relief Valves are made non-adjustable. They are regularly set to open at 70 lbs., although they can be made specially to operate from 25 lbs. to 100 lbs.

Fig. D-440 DURO FOOT VALVES—Duro Foot Valves are specially designed for operation in connection with Shallow Well Pumps. They are recommended for installations where unusually long suction lines are used. In such cases they relieve the valves in the pump of considerable strain.

Duro Foot Valves are equipped with a strainer which affords a protection for the pump against foreign matter. Sizes $\frac{3}{4}$ ", 1", $1\frac{1}{4}$ " and $1\frac{1}{2}$ ".

D-8396 DURO FRESH WATER VALVE—The Duro Fresh Water Valve enables the user to get fresh cool water direct from the well at all times for drinking and cooling purposes. The water does not enter the pressure tank. Sizes $\frac{1}{2}$ ", $\frac{3}{4}$ " and 1".

D-1162 SIMPLEX PATTERN FLOAT VALVE
for open Supply Tanks. Sizes $\frac{1}{2}$ ", $\frac{3}{4}$ " and 1".



Horizontal Pressure Tank



Vertical Pressure Tank



D-1946

Water Pressure Tanks

Welded Tanks—85 lbs. working Pressure.

Black Tanks are not guaranteed against rust.

Prices are less Fittings—Fittings extra. Fittings include—Pressure Gauge, Water Glass and Mountings, Gate Valve, Stop and Drain, Drain Faucet and necessary Tank Bushings.

Size, Diam. & Hgt.	Capacity, Wine Gals.	Shipping Wt. Black	Shipping Wt. Galv.
16"x3" Vertical	30	80 lbs.	90 lbs.
16"x4" "	42	90 lbs.	100 lbs.
16"x5" "	82	170 lbs.	185 lbs.
20"x5" "	120	230 lbs.	260 lbs.
24"x5" "	145	280 lbs.	310 lbs.
24"x6" "	215	400 lbs.	450 lbs.
30"x6" "	300	500 lbs.	550 lbs.
36"x6" Vertical	325	650 lbs.	725 lbs.

Larger sizes quoted on application.

D-1946 Drive Well Points

Diam. of Pipe	Length of Pipe	Diam. of Pipe	Length of Pipe
$\frac{1}{2}$ "	24"	$\frac{1}{2}$ "	24"
$\frac{3}{4}$ "	30"	$\frac{3}{4}$ "	30"
$\frac{1}{2}$ "	30"	$\frac{1}{2}$ "	30"

Above sizes carried in stock in either 60 or 90 gauge. Points larger in diam. or longer in length quoted on application.

PUMPS and SOFTENERS LIMITED
LONDON, CANADA

DURO



D-9015



D-9013



D-9036



D-9038



D-2286

Fig. D-9015 and Fig. D-9013 ELECTRIC CONTROL SWITCHES. Illustrated, the latest improved Double Pole Automatic Pressure Switches, suitable for accurate control of all sizes of motors up to and including the maximum horse power specified below for different voltages. They close and open motor circuit with change of pressure on switch diaphragm. They are of the two pole self-seating double break silver butt type.

Fig. D-9015 has 5 lbs. cut in to 80 lbs. cut out in a variety of settings with variations from 10 to 30 lbs. Cut in and cut out points can be obtained with overload protection at slight additional cost. See price sheet.

Fig. D-9013 has 5 lbs. cut in to 225 lbs. cut out in a variety of settings with variations from 15 to 29 lbs. Cut in and cut out points can be obtained with overload protection at slight additional cost. See price sheet.

Maximum H. P. Ratings

Fig.	Alternating Current				Direct Current			
	Single Phase	Poly Phase		Direct Current				
9013	110	220	220	440	550	115	230	32
9015	15 $\frac{1}{2}$	3	5	5	5	2	2	$\frac{3}{4}$
	1	1				$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{3}$

Fig. D-9036 FLOAT SWITCH is designed for Automatic control of motors operating open tank or sump pumps.

The design is such that it may be arranged to open the contacts at high liquid level (standard operation) or close the contacts at high liquid level.

The standard accessories furnished with this switch consist of 5 feet of threaded brass rod, 2 stops with set screws, and one 7" Copper Float, tapped at the top to take care of the brass rod.

Electrical Ratings

Single Phase—110 volt—1 $\frac{1}{2}$ H.P.
Single Phase—220 volt—3 H.P.

Two and Three Phase—220-550 volt—5 H.P.
D.C.—115-230 volt—2 H.P.

D-9038 CIRCUIT BREAKER—This type of pressure cut out operates to short circuit the spark plug on a gasoline pumping engine when a predetermined tank pressure has been reached. Can be supplied for any cut out pressure up to 225 lbs. per square inch, standard pipe connection $\frac{1}{4}$ ".

Fig. D-2286—Vacuum gauge, Standard Graduation 0.30 inches, Jap. Iron Case, 2 $\frac{1}{2}$ " Diameter Dial.

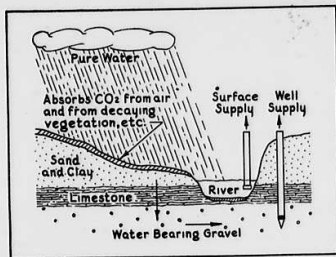
MOTORS—Duro uses a superbuilt, super-tested motor of the Repulsion Induction type, which has a highly specialized filtering system of lubrication. Air assure user of a cool running motor. Enlarged magnetic field and insulated brush assembly and an entirely new proven designed short circuiting device. The above features give you a long-lived, quick running motor.

25 and 60 cycle standard in the following sizes—1/6 to 10 H.P.

PUMPS and SOFTENERS LIMITED
LONDON, CANADA

Indian Affairs, School Files.
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How Water Becomes Hard

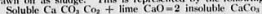


crust and to be exposed to various mineral formations and thus dissolve considerable amounts of different minerals. It must be remembered, however, that there are certain localities carrying the drainage from industrial chemical plants, coal mines, oil wells, etc., so that their water from such a river can be loaded with dissolved mineral matter, whereas at its source in the snow in the mountains it may be practically free from dissolved mineral matter.

With supplies of water from deep wells and subterranean springs, the story is entirely different. Although pure water will dissolve but very little calcium carbonate (limestone) rain which comes from the clouds in the air above us. The water as rain can be considered as pure water free from any dissolved minerals or gases when it is relieved from the clouds. However, pure water is nature's solvent and may be considered as eager to dissolve anything and everything with which it comes in contact. The rain, in its travel from the clouds to the earth absorbs carbon dioxide gas (CO₂) and also other gases. Additional carbon dioxide is absorbed by the water from decaying vegetation, etc., as it flows down into or over the surface of the earth.

Surface supplies from rivers, lakes, and the like, unless they are fed by subterranean springs, contain less dissolved mineral matter than deep well waters because there has been less opportunity to pick up mineral matter. In other words, the well water has had the opportunity to percolate down through various layers of the earth's crust and to be exposed to various mineral formations and thus dissolve considerable amounts of different minerals. It must be remembered, however, that there are certain localities carrying the drainage from industrial chemical plants, coal mines, oil wells, etc., so that their water from such a river can be loaded with dissolved mineral matter, whereas at its source in the snow in the mountains it may be practically free from dissolved mineral matter.

This method of removing even temporary hardness by boiling water is, of course, too expensive for ordinary use and in commercial practice there are two different methods used for softening water in large quantities. The first method devised was the treatment of water with lime and soda ash. In this method lime or calcium oxide (CaO) is added to the hard water containing the soluble calcium bicarbonate and insoluble calcium carbonate, formed which deposits out and is drawn off as sludge. This is represented by the following chemical equation:



A somewhat similar but more complicated reaction takes place with the magnesium bicarbonate. To remove the permanent hardness or the sulphate and chloride compounds, soda ash or sodium carbonate is added.

The action of the soda ash is to change the calcium sulphates and chlorides into sodium sulphates and chlorides which are soluble in water and non-scale forming and further calcium carbonate is deposited and drawn off as sludge. This action is represented by the following chemical equation:



The lime soda method of softening water is still used and for some purposes is probably preferable, but its success depends largely on the accurate feeling of the proper amount of lime and soda to the water as over feeding or underfeeding will still leave the water hard.

PUMPS and SOFTENERS LIMITED

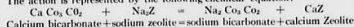
LONDON, CANADA

How Duro Water Softeners Perform

Chemicals are not used in the actual softening of water by Duro Softeners, as they are all of the zeolite or base exchange type. The term zeolite is applied by chemists to certain classes of mineral which have the remarkable property of base exchange. It has sodium as a base and its chemical formula is usually given as follows: Na₂O, Al₂O₃, xSiO₂, yH₂O but for the purpose of simplification we will refer to it as NaZ or Sodium Zeolite.

In Duro Water Softeners, water containing the "hardness" salts of calcium and magnesium is passed through a bed of this sodium zeolite and during its passage the sodium of the zeolite exchanges place with the calcium and magnesium in the hard water, resulting in water which is soft as rain water.

The action is represented by the following chemical equation:



A similar action takes place with all the other salts of calcium and magnesium present in hard water.

Of course, when a certain amount of hard water has been passed through the sodium zeolite all its available sodium will have been exchanged for calcium and magnesium. Then it becomes necessary to replace the sodium. This is done by what we call the regeneration process and simply consists of passing a solution of ordinary salt (NaCl) through the zeolite which is now a calcium and magnesium zeolite and the calcium and magnesium will be exchanged for the sodium in the salt. The action is represented by the following chemical equation:



A sufficient amount of salt or brine solution is used at each regeneration to completely reform the sodium zeolite.

As will be seen from the above reactions, hard water after zeolite softening will be completely softened to zero hardness. It will be non-scale forming and will rather instantly but will not contain less dissolved mineral salts. In every case the calcium and magnesium salts in hard water have been changed to corresponding sodium salts which have no hardening effect and are not objectionable.

There are two general types of zeolite minerals—natural minerals, processed to a certain extent, and manufactured minerals. The exchange capacity of a mineral and its length of life is, of course, the most important part of any zeolite softener. The quality of processed natural zeolites, which are generally dark green in colour, will depend largely on the uniformity of the deposit from which they have been mined and they do not have as great an exchange capacity per cubic foot of volume as manufactured zeolites.

In Duro Softeners, we use a manufactured zeolite of the highest quality—it is a pure white, colorless, 100 per cent. active material—high in capacity—super rapid acting and economical in salt consumption. It is made to the size, large grains or small grains—best suited to the type of softener required, but each grain is rugged and homogeneous. The grains are angular in shape and will not pack to resist the flow of water or cause channeling. They are hard—so hard they will scratch glass and resistant to erosion or abrasion.

It has 3 to 4 times the capacity per cubic foot of the average natural zeolite and its superiority is largely due to the fact that its capacity, its uniformity and the size and weight of its granules are what they are made to be. It is rapid regenerating as well as rapid acting. The regeneration with salt brine is accomplished as fast as it is possible to pass the solution through the softener. The entire regeneration process, including delivery of the brine solution and washing the zeolite free from regeneration solution, does not exceed 30 to 45 minutes. In large Softener units, the amount of water required for washing the zeolite bed free from brine is quite a factor. With Duro synthetic zeolite of high capacity a tank of smaller area can be used, greatly reducing the total water required for regeneration.

In many cases, where a Zeolite Softener using natural or green sand mineral has been outgrown (either as to capacity or flow rate) it has proven more economical to change the old equipment to operate with our high capacity mineral. We have competent engineers on our staff and if you have present softening apparatus not functioning properly, consult us and we will gladly make suggestions.

PUMPS and SOFTENERS LIMITED

LONDON, CANADA

Why a Duro Water Softener is a Necessity in the Home



Baby's Bath means Baby's Health



Hard water spoils flavor of cooked vegetables



Costly clogged pipes

It is quite possible that though the water from your faucet may be clear and sparkling it may contain mineral compounds injurious to skin, hair, food and clothing and cause clogging of pipes.

In the past the use of cistern or collected rain water has been advocated for washing purposes, but its unsanitary association with decayed vegetable matter and possible animal matter makes it positively dangerous.

When soap is used with so called hard water microscopic gummy particles are produced called "hard water curds." These particles clog pores; stick to your hair; coat the fibres of fine fabrics and form that hated ring around the bath tub.

This hardness in water is one of the greatest known causes of skin irritations, chapped hands, dryness and scaliness and many prominent physicians go so far as to say that by drinking it such diseases as gall stones, goitre, constipation, kidney complaints and other diseases of the digestive organs are greatly aggravated.

Many a housewife has wondered why her linens, cottons and silks wear out so fast. She does not know that the mineral impurities and hard water curds penetrate the very fibres, making them brittle and coarse. Laundries learned this lesson a long time ago and today every modern laundry is equipped with a water softening plant which enables them to return your washing beautifully soft and white.

Hard Water is also a poor cook—an enemy of your kitchen. It toughens fresh vegetables such as green peas, beans, corn and makes poor pastry. Many times you no doubt have wondered at the freshness, natural color and flavor of the cooked vegetables in the better hotels—it is on account of softened water. Hard water causes loss of flavor in coffee and tea and many of the large strings of restaurants have figures which show a saving of 40 per cent. in the making of tea and coffee when using softened water.

Notice the lime deposit in your kettle. The same deposits, only bigger and stronger, line your furnace coils and hot water pipes wherever hard water is used. Every day your water pipes—especially the hot water pipes—are accumulating cement like deposits until some day the flow will be entirely stopped and pounding occurs, with a possible explosion. This lime deposit is costing you money; it cuts down the efficiency of your water heating plant—it has been proven that a coating of 1/16" thick causes a fuel loss of approximately 10%.

The degree of hardness, of course, varies with different water supplies, but in waters with hardness as low as 6 grains per gallon you will get all of the above troubles. Considerable research work has been carried out and the results of many tests recorded and tabulated and the saving given below is a conservative estimate for a family of five using softened water as against hard water.

	Annual Expense	Saving
Saving of half annual soap bill—soap consumed based on 13½ lbs. per person per week for all purposes	\$ 40 00	\$20 00
Saving of 10% of annual expenditure for washable clothes, sheets, towels, etc., due to much longer life	250 00	25 00
Saving of 75% of annual maintenance cost of repairs to heating plant, water heater, etc.	30 00	22 50
Saving in tea, coffee, sugar and many other foods		25 00
TOTAL ANNUAL SAVINGS		\$92 50

The saving in fuel for heating domestic hot water has not been included, but a conservative estimate places this at 10%.

For confirmation of above figures, see Booklet compiled and presented by R. E. Thompson, Chemist, Filtration Plant, Toronto.

PUMPS and SOFTENERS LIMITED

LONDON, CANADA

They all can't be wrong

The original letters from which the reproductions shown below have been taken are all on file at our office, and their names and addresses, together with countless others, will be supplied on request.

Dear Sir,
I have been thinking about the
advantages of a Duro
water softener for some
time and I have decided
to purchase one for my
home. I have been
troubled with hard water
for some time and I
have been told that a
water softener is the
best way to get rid of
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PUMPS and SOFTENERS LIMITED

LONDON, CANADA

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Incl. in Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

Duro Domestic Water Softeners

Duro provides the most complete line of water softeners, adaptable to any given requirement, from the small modest home, to the largest institution.

Duro Water Softeners are recognized as the standard of comparison. Duro has contributed more to the development of the water softener industry—both from the standpoint of education as well as in development of and improvements of the products—than has any other single manufacturer.

THE MON-O-MATIC: Regeneration consists of simply pulling the lever of the Mon-O-Matic and the mechanism automatically regenerates the mineral without further attention. Made in heavy gauge Galvanized Iron Duro finish.

THE SEMI-AUTOMATIC: Simplified manually controlled softener with Salt Saturator Tank. Made in heavy-gauge Galvanized Iron, Duro finished.

THE RAPID FLOW: A high quality softener of single valve operation, designed for the home where initial cost is a large factor. Heavy galvanized interior and exterior—finished in pleasing shade of Duro.

LARGE TYPE: Duro also manufactures softeners of very large capacities where the requirements demand unusually large quantities, and large flow rates.

OPERATING PRESSURES: All Duro standard water softeners are built for 125 pounds working pressure, A.S.M.E. boiler code. On installations where the pressure exceeds 90 pounds per square inch we recommend the use of a pressure regulator.

Capacity Tables covering Duro Water Softeners

Soft water delivered between regenerations on Hand Operated and Semi-Automatic Softeners. Capacities are in Wine Gallons.

Grain Hardness	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	45	50
M-70																		
S.F. 1—R.F. 17	1010	849	729	630	555	500	455	415	380	355	330	310	290	275	260	245	215	195
M-71																		
S.F. 2—R.F. 27	2023	1689	1449	1290	1110	1000	910	830	760	710	660	620	580	550	520	490	430	290
M-72																		
S.F. 3	3315	2723	2163	1833	1635	1500	1385	1245	1140	1055	990	930	870	825	780	735	645	585
S.F. 4	4509	3780	3240	2835	2500	2250	2050	1865	1710	1595	1485	1359	1305	1235	1170	1100	965	875
S.F. 5	9100	7580	6480	5670	5000	4500	4100	3740	3420	3200	2990	2970	2920	2480	2330	2200	1900	1750

How to Select the Right Size of Softener for Your Home

When the hardness of the water is determined consult the tables above under the model softener selected.

The figures opposite the size numbers and under the grain hardness indicate the number of gallons of softened water the softener will deliver between regenerations.

Choose a household softener large enough to furnish a ten days' supply of water between regenerations. A softener selected on this basis should be regenerated once each week in order to keep the mineral in the best condition at all times. This prevents the mineral from becoming exhausted at any time and insures maximum capacities and efficiency.

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Duro Mon-O-Matic Water Softener



Automatic regeneration is accomplished by simply pushing lever into starting position. A simple float control then takes care of three cycles of regeneration; brine washing of mineral, rinsing with fresh water and refilling the brine tank. The control lever then automatically returns to starting position and reopens soft water supply.

The complete valve and float control unit is protected under the removable dome on top of the brine tank, thus making possible for the first time a fully enclosed unit, without any pipes or tubes exposed.

The complete regenerating cycle takes only a few minutes once each week, according to the size softener selected. There is no interruption to soft water supply, because starting lever can be pushed into regenerating position at night or during any half hour period when soft water is not being used.

The only attention needed, simply push the starting lever, the Mon-O-Matic does the rest.

Size No.	Grain Gal. Capacity	Flow Rate G.P.M.	Size Fittings	Overall Dimensions			Salt Storage	Shipping Weight
				Depth	Width	Height		
M-70	10,000	12	¾"	20	28	58	200 lbs.	280 lbs.
M-71	20,000	16	¾"	20	30	58	200 lbs.	380 lbs.
M-72	30,000	16	¾"	20	30	60	200 lbs.	325 lbs.

Divide grain gallons by hardness of water to determine gallons of soft water.

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Duro Single Control Valve Water Softener

S. F. SERIES

The S.F. Semi-Automatic Water Softener offers many advantages over the multiple valve operated type. It is unusually well built and an efficient appliance and is priced as low as most multiple valve operated softeners. It requires the minimum amount of attention.

Regeneration is exceedingly simple, as a single control lever does the work.

One filling of the Salt Saturator Tank lasts for a period of a couple of months, where the average amount of soft water is used. A child can easily regenerate the Duro S.F. Water Softener. Next to the M.n.O-matic models the Duro S.F. Water Softeners represent the greatest value and convenience for a home owner.

Principal Advantages

- 1—Extreme simplicity of operation.
- 2—Heavy gauge rust resisting iron is used.
- 3—Tanks are hot dip galvanized inside and outside.
- 4—More softened water per pound of salt.
- 5—Brine solution insures uniform regeneration.
- 6—More softened water between regenerations.
- 7—In regeneration requires less water than most other types.
- 8—No packing or channelling of mineral.
- 9—Genuine high capacity stabilized mineral is used.
- 10—Meets the public demand for a high quality Semi-Automatic Water Softener at a price as low as most multiple valve types.

Specifications

Size No.	Grain Gal. Capacity	Depth, Width Height in inches	Size Fittings	Shipping Weight Approx.	Flow Rate G.P.M.	Salt Storage
SF 1	10,000	14x24x54	3/4"	245	8	100 lb.
SF 2	20,000	16x26x60	3/4"	300	10	100 lb.
SF 3	30,000	18x28x70	3/4"	400	10	150 lb.
SF 4	45,000	25x32x84	1"	575	20	200 lb.
SF 5	60,000	28x48x84	1"	1200	20	500 lb.

Divide grain gallons by hardness of water to determine gallons of soft water.



Legs Supplied as Standard Equipment

Duro Rapid Flow Softener

R. F. SERIES

Duro Rapid Flow Softeners offer the greatest value where first cost is a consideration. Built of the highest grade of Heavy Gauge Galvanized Iron, highly efficient in operation and represents the ultimate in water softeners for the home where price or first cost is the predominating factor.

Advantages

- 1—The highest quality of materials.
- 2—Heavily galvanized inside and outside.
- 3—Fully warranted by the largest manufacturers of water softeners in Canada.
- 4—Made in Canada by Canadians.
- 5—More softened water per pound of salt.
- 6—Unusually high flow rates.
- 7—More softened water between regenerations.
- 8—Requires less time to regenerate.
- 9—No packing or channelling of mineral.
- 10—Requires less water to regenerate.
- 11—More economical and efficient operation.
- 12—May be purchased on Income Payment plan.

Thousands of Duro Rapid Flow Softeners are rendering softened water service in modest homes in hard water districts. This softener is priced so low that it may be purchased with a down payment as low as \$10.00.

Specifications

Size No.	Grain Gal. Capacity	Depth, Width Height in inches	Size Fittings	Shipping Weight Approx.	Flow Rate G.P.M.	Salt per Re-Conditioning
RF 17	10,000	8x14x48	1/2"	110	6	7 lb.
RF 27	20,000	10x16x54	1/2"	175	8	13 lb.

Divide grain gallons by hardness of water to determine gallons of soft water.

Duro Softeners for Industrial Purposes

Almost every industry using water can be benefited by using Duro Water Softeners. Their use for boiler feed waters and laundry purposes is, of course, pre-eminent, but considerable savings have been effected in other industries, such as soap making, canning, especially peas and beans, preparation of certain extracts, tanning, especially tanning of hides, wool scouring, preparation of cutting oils, dyeing, bleaching and finishing of all textile fabrics, cooling of condensers and internal combustion engines, washing automobile bodies and in fact, wherever hard water is detrimental.

In laundries, using water of 18 to 20 grain hardness, a saving of as much as two-thirds of the soap bill has been effected when Softeners were installed and considerable saving also made in fuel bills because of scale-free boilers. With commercial laundries of today, it has been found economical to use Softeners even though the water has but 5 or 6 grains per gallon hardness.

Ever since the steam boiler was invented boiler scale and sludge has been one of the major problems of steam generation, and with the advent of the modern high pressure boiler with its greater rate of heat transfer, difficulties caused by boiler deposits have been greatly intensified. Today the correct treatment of boiler feed water has become not only a money and labor saving convenience, but an absolute necessity.

Even with waters as low as 2 or 3 grain hardness, when used in boilers where the percentage of make up water is large, concentration by evaporation is always taking place and it is evident that as concentration proceeds, precipitation will occur of substances whose solubilities are exceeded by concentration of the water within the boiler.

Boiler scale has about the same power of heat insulation (thermal conductivity) as fire-brick. In low pressure steam boilers and ordinary water heating apparatus it is roughly figured that a scale deposit of 1/16" accounts for a heat loss of 10%. In high pressure boilers, even a thin egg shell deposit is costly and dangerous. This is due to the fact that the rate of heat transfer in a high pressure boiler is much greater and the rise in the temperature of the boiler metal due to scale is directly proportional to the rate of heat transfer. Again scale forms at a rate directly proportional to the evaporation which in turn varies directly as to the heat transfer so that in a high pressure boiler a scale deposit will form more rapidly and be many times more dangerous to over heating of boiler metal than in low pressure boilers. This accounts for the so-called lagging or failure of boiler tubes.

Where Duro softened water is used in a steam boiler no scale or sludge will form. The tubes and boiler metal will always remain clean and heat units will be transferred through the metal to the water at a minimum of resistance. Therefore, operating costs are kept at a minimum and repairs and replacements become only a small percentage of what they were formerly.

It is sometimes stated that zero soft water causes boiler corrosion. This statement is entirely erroneous, as boiler corrosion is caused either by dissolved oxygen or acids in the water. The most frequent cause is the presence of dissolved oxygen or air. Dry air, of course, will not attack steel but the combination of oxygen and water will soon rust or corrode, and therefore, a boiler feed water when necessary should be deaerated. This can readily be accomplished by heating in open or vented water heaters to practically boiling point. However, in low pressure boilers, rather than go to this expense, it is sometimes recommended to use a boiler feed water of 1 or 2 grain hardness, allowing a slight protective scale to form as a coating against corrosion.

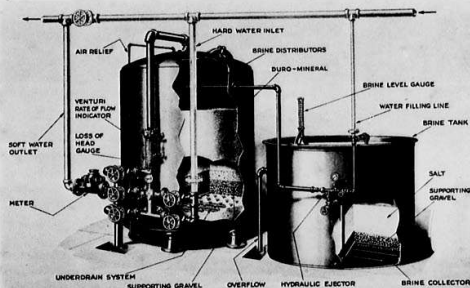
As the water in a steam boiler is evaporated into steam, the dissolved salts present are left as a concentrate known as boiler saline and there is a limit beyond which it is not safe to concentrate these salts because of the attendant foaming or priming. These concentrations can be removed by periodical blowing off or installation of a continuous blow-off system.

We have competent engineers on our staff and will gladly survey your water problems. We manufacture equipment to not only soften water but to filter it; remove iron, taste, color and odor, etc. Write us for further information.

PUMPS and SOFTENERS LIMITED

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Duro Industrial Softener



Specifications

Duro Softeners are built of the highest grade material throughout and are economical in salt consumption and wash water. Duro Industrial Softeners are made in any size up to and including 120" diameters. Enumerated below are a few popular units. Write for prices and specifications, enclosing complete analysis of water to be softed.

Diameter	Grain Gals. Capacity	Size Pipe Fittings	Max. Flow Rate Gals. Per Minute	Approx. Salt Consumption Per Regeneration
10"	42,000	1"	11.2	21 lbs.
10"	55,000	1"	11.2	27½ lbs.
20"	78,000	1½"	17.4	39 lbs.
20"	91,000	1½"	17.4	45½ lbs.
24"	111,000	1½"	23.1	55½ lbs.
24"	150,000	1½"	23.1	73 lbs.
30"	201,000	1½"	39.2	100½ lbs.
30"	286,000	1½"	39.2	143 lbs.
36"	250,000	2"	56.6	123 lbs.
36"	432,000	2"	56.6	212½ lbs.
42"	349,000	3"	77	174½ lbs.
42"	555,000	3"	77	277½ lbs.
48"	700,000	4"	157	350 lbs.
60"	1,180,000	4"	157	500 lbs.

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Duro Iron Removal Filter

Specifications on Duro Iron Removal Filters and Purifiers

Model No.	Capacity on 100 lbs. Alum in solution	Capacity on 100 lbs. Alum on 1 P.P.M. of Ferric Chloride	Dimensions	Incremental C.P.M. rate	Incremental C.P.M. rate	Iron Reporting Rate per Reproduction	Size Piping	Overall Dimensions			Shipping Weight
Filter	Gallons	Gallons	Height	Height	Height	lb.	in.	Height	Width	Depth	lb.
IR 12	9,000	36,000	21½	5	10	¾ lb.	¾"	63"	18"	21"	445
IR 16	18,000	72,000	27	5	10	¾ lb.	¾"	63"	20"	25"	714
IR 20	27,000	108,000	33	8	16	1 lb.	1"	63"	24"	30"	1115
IR 30	60,000	240,000	48	18	36	2 lb.	1½"	68"	32"	42"	2280

A Few Reasons Why Duro Iron Removal Filters and Purifiers Should Be Installed

The Duro Iron Removal Filter and Purifier will absolutely eliminate iron deposit in all types of heating equipment, boilers, heating systems and wherever water is contained in pipes, which now show the results of iron in the water.

Removal of iron from water will eliminate discoloration on porcelain plumbing fixtures. This discoloration is usually a brown stain and is impossible to remove once it is set. There is protection to women's clothing and it is a fact that many fine pieces of linen have been ruined when washed in water containing iron. Many times a water softener has been sold and under normal conditions the greatest capacity would be kept, but due to the amount of iron in the water, the capacity is greatly reduced and this of course is overcome by the installation of an Iron Removal Filter.

Direction of Water Flow through Filter

1 - In Filtering Position:

The water enters the top of the tank and flows downward through the mineral bed, removing the sediment and iron held in solution.

2 - In Backwash Position:

The water enters the bottom of the tank and flows upward through the mineral bed, removing the sediment collected throughout and on top of the mineral bed.

3 - In Reconditioning Position:

The water enters the top of the tank, dissolves the restoring salts and flows downward through the mineral tank, regenerating and sterilizing the mineral bed.

One of the most important places for pure water is hospitals and clinics. An Iron Removal Filter will oftentimes save such institutions hundreds of dollars in producing pure, healthful and clean water. Swimming pools must comply with health regulations, and here the Iron Removal Filter finds a most important application. Wherever drinking water must be purchased (filled water) this condition indicates that pure healthful water is appreciated, and of course, the prospects are good for the sale of an Iron Removal Filter and Purifier. In greenhouses, where water is so essential to the plant life, it is very important that no iron deposits are in the water because a film is effect on the plants from the iron alone is a paying proposition to any greenhouse. Hotels and other public places depending on favorable public opinion naturally must keep their water supply for drinking purposes to a standard. An Iron Removal Filter will oftentimes overcome an objectionable water in such institutions.

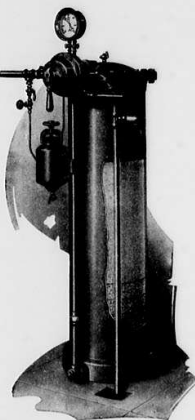
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Duro Style "B" Pressure Filters

Duro Pressure Filters are providing clean, clear water wherever water is being used. The style "B" Pressure Filter is recommended where only a moderate volume of water is needed. A single filter or a battery of two or more units can be used to secure the desired capacity. The style "B" Pressure Filter is built of steel, welded into one piece and suitable for working pressures up to 100 lbs. A deep bed of special silica sand, supported by four grades of selected silica gravel, acts as the filter medium which removes the suspended matter from the water. Beneath the gravel is the underdrain system which collects the filtered water and also distributes the water during backwashing.

The Single Control Valve with its lettered dial assures proper operation by even an inexperienced attendant. Movement of the lever to the proper dial indication gives the desired operation. A sight glass, duplex pressure gauge, air relief and sampling cocks are provided as standard equipment.

To make the filter more than a strainer, it is necessary to use a coagulant to provide an efficient mat on the surface of the filter bed. As water passes to the filter a very small amount of alum solution is added to it by the automatic coagulant feeder. The alum forms an insoluble floc or precipitate which gathers together the fine particles of suspended matter and assures their complete removal by the filter. Its action can be compared to that of the white of egg in clearing coffee. The alum floc stays in the filter until removed during the backwashing.



Style "B" Pressure Filter

Specifications

Size Diam.	Area Sq. Ft.	Capacity Gals. per Hr.		Approx. Wt. Lbs. (per filter)		DIMENSIONS		
		*2 gals.	†3 gals.	Shell & Figs.	Filter Bed	Width	Depth	Height
8"	.35	42	63	120	150	11"	20"	52"
12"	.79	95	142	180	345	16"	21"	52"
16"	1.40	167	250	280	610	21"	24"	53"
20"	2.18	267	400	460	980	27"	30"	56"
24"	3.14	400	600	650	1423	27"	34"	56"

*Capacity figured at rate of 2 gallons per minute per sq. ft. of filter area.

†Capacity figured at rate of 3 gallons per minute per sq. ft. of filter area.

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Style "E" Duro Filter

The Style "E" Filter is generally used in hotels, apartment buildings, and institutions. It is also used in connection with swimming pools and for filtering the entire water supply of industrial plants. A single filter or a battery of two or more filters can be used to secure the desired capacity.

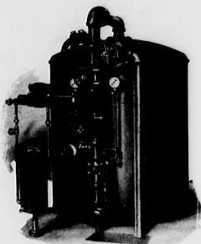
The Style "E" Filter is built of steel—tested under hydrostatic internal pressure of 100 pounds per square inch and suitable for any working pressure up to 67 pounds. Style "E" Filters for higher working pressures can be furnished at a slight additional cost. All immediate pipes, valves and fittings necessary for the operation are furnished.

A Coagulant Feeder is furnished with each filter or battery of filters. A sight-glass is supplied for the wash water outlet to show the condition of the wash water and re-wash water, so that the operator can see when the filter is clean.

The Style "E" Filter in three or more units is recommended where it is desired to wash the filters with filtered water, or where sufficient wash water would not be available to wash a single filter of the required capacity.

Coagulant and Artificial Alkalinity Feeder

When the Filter is to be used in connection with circulation and refiltration of water for swimming pools, etc., an extra feeder should be used. Refiltration of the water finally exhausts the natural alkalinity of the water and unless artificial alkalinity, such as soda, is supplied, the coagulant flocc is not formed and free alum will pass through the filter. For such work and for waters low in natural alkalinity, the use of two feeders, one for alum and one for soda, is to be recommended.



Style "E" Pressure Filter



Coagulant and Artificial Alkalinity Feeder

Size Dia.	Area Sq. Ft.	Capacity Gals. per Hr.		Approx. Wt. Lbs. (Per Filter)		DIMENSIONS				
		*2 gal.	†3 gal.	Shell & Figs.	Filter Bed **N	†P.L.	Width	Depth	Height	
30"	4.91	690	900	1000	1490	1625	28"	37"	6'0"	
36"	7.07	846	1200	1200	2120	2390	32"	41"	6'2"	
42"	9.62	1155	1730	1600	3025	3275	38"	49"	6'2"	
48"	12.57	1510	2260	1900	3960	4250	42"	53"	6'4"	
54"	15.90	1910	2860	2560	4925	5375	48"	62"	6'5"	
60"	19.63	2365	3550	2800	6125	6675	52"	67"	6'6"	

*Capacity figured at rate of 2 gallons per minute per sq. ft. of filter area.

†Capacity figured at rate of 3 gallons per minute per sq. ft. of filter area.

**Underdrain with umbrella nozzles.

††Underdrain with Perforated Laterals.

Actual weights using 67 lb. working pressure shell and not including concrete grouting furnished by purchaser.

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Hydrodarco Purifiers

HYDRODARCO Purifiers will accomplish what was thought to be almost the impossible in water purification—the removal of practically every kind of organic taste and odor; the elimination of free chlorine; and the removal of organic color—without chemical treatment, electricity, steam, expensive replacement parts, or any mechanism to get out of order.

Hydrodarco is an activated carbon manufactured to meet the particular requirements of water purification. It is granular; it has mechanical strength; its effective weight in water permits proper backwash rates; its carbon content is 70 per cent; and its activity is unusually high, particularly towards the purification desired. Hydrodarco is not boneblack or charcoal—and should not be compared with ordinary forms of carbon.

The uniform and complete success of many installations, under many operating conditions, is convincing proof that the Hydrodarco Purifier is the automatic, simple and fool-proof method of removing practically all tastes, odors, colors or chlorine from water.

The Style BHD Hydrodarco Purifier is used where only a relatively small volume of water is required. It is especially built for handling the requirements of bottlers, restaurants, small apartment buildings, residences, drinking or bottled water supplies and for special process water in industrial plants. A single purifier or a battery of two or more units can be used to secure the desired capacity.

The Hydrodarco Purifier is not a "cure-all." It is not a filter or a water softener, although there may be a resemblance in its external appearance. But with the installation properly engineered to meet the individual conditions and requirements, it will more than meet the broad guarantees made for it. To protect the highly activated Hydrodarco carbon and allow its full efficiency to be utilized, dirty or turbid waters should first be filtered—and the companion Style B Pressure Filter is recommended.

The Style BHD shell is built of steel welded into one piece, suitable for working pressures up to 100 pounds, and provided with removable head to simplify installation and inspection. The inner surface of the shell is lined with Duro corrosion-proof enamel. The deep bed of Hydrodarco rests upon a supporting bed of special sand and four graded sizes of silica gravel, underneath which is the underdrain system which collects the purified water and also distributes the water during backwashing.

Water enters the purifier at the top, passes down through the Hydrodarco and through the underdrain to the outlet. Operation continues until the gauge shows a differential pressure of 3 or 4 pounds. This indicates that the Hydrodarco bed is packed and that it should be loosened by the simple backwash operation. The flow of that the Hydrodarco bed is packed and that it should be loosened by the simple backwash operation. The flow of that the Hydrodarco bed is packed and that it should be loosened by the simple backwash operation. The flow of that the Hydrodarco bed is packed and that it should be loosened by the simple backwash operation.

Specifications

Size Dia.	Area Sq. Ft.	Capacity *Gallons Per Hr.	Approx. Wt. Lbs. (Per Purifier)		DIMENSIONS		
			Shell & Figs.	Hydrodarco Sand & Gravel	Width	Depth	Height
8"	.35	42	100	60	11"	20"	5'2"
12"	.79	95	190	130	16"	21"	5'2"
16"	1.40	167	260	230	21"	26"	5'3"
20"	2.18	265	440	460	21"	31"	5'6"
24"	2.14	490	630	520	26"	34"	5'6"

*Capacity figured at rate of 2 gallons per minute per sq. ft. of purifier area.

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Friction Head or Loss and Comparative Discharging Power of Pipes

Discharge depends not only upon size of pipe but upon velocity of flow, a factor that changes with the relation of head of water to length of pipe. Inspection shows that doubling the diameter of a pipe increases the discharging power or capacity about 6 times.

A column of water 1 foot high and having a base equal in area to 1 square inch weighs about 7.16 of a pound, and of course, presses that amount on the base. Double the height, and obviously both the weight and the pressure are doubled. Hence it may be taken for granted that the pressure of water at the pressure or head is in direct proportion to the vertical height of the water.

Friction loss should not be greater than given in the following table:

2 lbs. per 100 feet for 500 feet or less of pipe.

1 lb. per 100 feet for 500 to 1000 feet of pipe.

½ lb. per 100 feet from 1000 to 2000 feet of pipe.

DIAMETER OF PIPE IN INCHES

Disch. in gals. per min.	DIAMETER OF PIPE IN INCHES									
	¾	1	1 ¼	1 ½	2	2 ½	3	4	5	6
0.5	7.8									
1	28.0	6.4	2.1							
2	103.0	23.3	7.4	1.9						
3		49.0	15.8	4.1	1.36					
4			27.0	7.0	2.14	0.57	0.20			
5			41.8	16.5	3.25	0.84	0.30			
6				14.7	4.55	1.20	0.40			
8				25.0	8.8	2.03	0.65			
10				38.0	11.7	3.05	1.13	0.37		
12					16.4	4.3	2.01	0.70	0.24	
14					22.0	6.0	2.88	1.04	0.32	
16					28.0	7.3	3.41	1.20	0.41	
18						8.1	4.24	1.49	0.50	
20						2.2	1.82	0.61	0.25	
25						16.5	7.8	2.73	0.92	0.30
30						23.5	11.0	3.84	1.29	0.43
35							14.7	5.1	1.72	0.51
40							18.8	6.6	2.20	0.61
45							25.2	8.2	2.76	0.76
50								9.9	3.32	1.38
60								13.9	4.70	1.92
70								18.4	6.2	2.57
80								23.5	7.9	3.28
90									9.8	4.08
100									16.8	7.0
120									22.3	9.5
140										11.8
160										14.8
180										17.9
200										25.1

Example

Eight gallons per minute (480 gallons per hour) through 50 ft. of 1" pipe with a total of 8 elbows (see Table Friction of Water in 90° Elbows) = 98 ft. of 1" pipe and shows a 7.8 feet of friction. This is equal to 2 equals 3.9 pounds friction. As 2 pounds is the limit of friction permissible per 100 ft. the next sized pipe should be used.

Friction of Water in 90° Elbows—Equivalent Number of Feet—Straight Pipe

Size Elbows, inches	¾	1	1 ¼	1 ½	2	2 ½	3	4	5	6
Friction Equivalent Feet Straight Pipe	3	4	5	6	8	11	15	20	25	30

Calculation of Head

When calculating the head against which the pump must operate, an allowance for friction losses in the pipe and fittings of the discharge line must be added to the actual vertical distance from level of pump to level of discharge line outlet.

To enable the pump user to make correctly such an allowance, the friction losses for various rates of flow through elbows and straight pipes is given in the tabulation below.

Feet of head lost by Friction in Elbows and Pipes

Gallons per Minute	4	6	8	10	12	14	16	18	20	22	25	30
Loss in One 1" Pipe	13	26	45	70	1.0	1.3	1.7	2.1	2.52	3.01	3.84	5.38
Loss in One 1 ¼" Pipe	10	15	24	35	46	59	72	89	1.08	1.33	1.88	2.64
Loss in One 1 ½" Pipe	21	41	75	1.17	1.69	2.18	2.85	3.4	4.2	5.1	6.4	8.9
Loss in One 2" Pipe	68	12	19	31	44	56	74	90	1.11	1.35	1.66	2.55

PUMPS and SOFTENERS LIMITED

LONDON, CANADA

Correct Size Wire for 10 Volt Drop, for 100 Volts or Greater

Distance in feet from Motor to Meter.

Amp.	100	200	300	400	500	600	750	1000	1250	1500	1750	2000	2500
1	14	14	14	14	14	14	14	14	14	14	14	14	12
2	14	14	14	14	14	14	14	14	14	14	14	12	10
3	14	14	14	14	14	14	14	14	14	14	12	10	8
4	14	14	14	14	14	14	14	14	14	14	12	10	8
5	14	14	14	14	14	14	14	14	14	14	12	10	8
6	14	14	14	14	14	14	14	14	14	14	12	10	8
7	14	14	14	14	14	14	14	14	14	14	12	10	8
8	14	14	14	14	14	14	14	14	14	14	12	10	8
9	14	14	14	14	14	14	14	14	14	14	12	10	8
10	14	14	14	14	14	14	14	14	14	14	12	10	8
11	14	14	14	14	14	14	14	14	14	14	12	10	8
12	14	14	14	14	14	14	14	14	14	14	12	10	8
13	14	14	14	14	14	14	14	14	14	14	12	10	8
14	14	14	14	14	14	14	14	14	14	14	12	10	8
16	12	10	10	8	8	8	8	8	8	8	6	4	2
18	12	10	10	8	8	8	8	8	8	8	6	4	2
20	12	8	8	8	8	8	8	8	8	8	6	4	2
22	10	8	8	8	8	8	8	8	8	8	6	4	2
24	10	8	8	8	8	8	8	8	8	8	6	4	2
26	10	8	8	8	8	8	8	8	8	8	6	4	2
28	8	8	8	8	8	8	8	8	8	8	6	4	2
30	8	8	8	8	8	8	8	8	8	8	6	4	2
32	8	8	8	8	8	8	8	8	8	8	6	4	2
34	8	8	8	8	8	8	8	8	8	8	6	4	2
36	6	6	6	6	6	6	6	6	6	6	6	6	6
38	6	6	6	6	6	6	6	6	6	6	6	6	6
40	6	6	6	6	6	6	6	6	6	6	6	6	6

Note: For the correct size wire consult the Table of Amperes for various motors: The first column under the desired voltage will give the necessary amperes required for the particular size motor being used. After obtaining the correct amperes required consult the above table in the amperes column, the number under the approximate distance in feet from the motor to the meter.

Amperes for Various Motors and Correct Size of Fuses

Motor	VOLTS D.C. WITH FUSE				VOLTS A.C. WITH FUSE					
	32 V. Amp.	Fuse Amp.	110 V. Amp.	Fuse Amp.	220 V. Amp.	Fuse Amp.	110 V. Amp.	Fuse Amp.		
½	5	6	1.5	3	7.5	3	3	1.5	3	
¾	7	10	2	3	1	3	4	6	2.25	3
1	9	10	2.6	3	1.3	3	4.5	6	2.25	3
1 ¼	12	15	3.5	6	1.75	3	6	10	3	6
1 ½	17	20	5	10	2.5	5	8	10	4	6
2	25	30	7.5	10	3.75	5	10	10	5	6
2 ½	30	40	10	15	5	6	14	15	7	10
3	45	60	15	20	7.5	10	20	20	10	10
3 ½	60	75	20	25	10	15	25	25	12.5	15
4	90	100	28	30	14	20	30	34	17	20

Examples: ½ H.P. Motor, A.C., 110 Volts. Correct fuse 3 Amperes.

¾ H.P. Motor, A.C., 110 Volts. Correct fuse 4.5 Amperes.

1 H.P. Motor, A.C., 110 Volts. Correct fuse 6 Amperes.

The correct amperes will be found on the nameplate of each motor.
CAUTION: Do not overfuse the motor. By so doing the motor might burn out before the fuse blows. Never use a 15 or 30 amp. fuse where the motor only requires a 3 amp. fuse.

PUMPS and SOFTENERS LIMITED

LONDON, CANADA

Table Showing Amount of Water Discharged per Stroke by a Pump

The Diameters of Cylinder and Length of Stroke Being Known.

There is also Appended a

Table of Diameters and Areas of Cylinders

The Diameters of Cylinders Being Identical

Diameter of Cylinder Inches	LENGTH OF STROKE IN INCHES WITH CAPACITY PER STROKE IN GALLONS												Diameters and Areas of Cylinders per Inch of Diameter
	1	2	3	4	5	6	7	8	10	12	Inches		
1	0034	0068	0102	0136	0170	0204	0238	0272	0340	0408	Gal.	1	7854
1 1/4	0853	0160	0242	0326	0410	0492	0575	0658	0817	0987	"	1 1/4	1 2271
1 1/2	0976	0193	0289	0386	0482	0579	0675	0771	0950	1138	"	1 1/2	1 7671
1 3/4	0104	0208	0312	0416	0520	0625	0729	0833	1041	1249	"	1 3/4	2 4043
2	0136	0272	0408	0544	0680	0816	0952	1088	1360	1632	"	2	3 1416
2 1/4	0172	0344	0516	0688	0860	1032	1205	1377	1721	2071	"	2 1/4	3 9760
2 1/2	0212	0423	0637	0850	1062	1275	1487	1700	2125	2550	"	2 1/2	4 9087
2 3/4	0257	0514	0771	1028	1285	1543	1800	2057	2571	3085	"	2 3/4	5 9395
3	0306	0612	0918	1224	1530	1836	2142	2448	3060	3672	"	3	6 0880
3 1/4	0350	0701	1052	1403	1754	2105	2456	2807	3534	4261	"	3 1/4	8 2957
3 1/2	0410	0820	1230	1640	2050	2460	2870	3280	4100	4920	"	3 1/2	9 6211
3 3/4	0470	0940	1410	1880	2350	2820	3290	3760	4700	5640	"	3 3/4	11 044
4	0544	1088	1632	2176	2720	3264	3808	4352	5440	6528	"	4	12 566
4 1/4	0688	1377	2065	2754	3442	4131	4819	5508	6885	8262	"	4 1/4	16 004
4 1/2	0850	1700	2550	3400	4250	5100	5950	6800	8500	10200	"	4 1/2	19 635
4 3/4	1028	2057	3085	4114	5142	6171	7199	8228	10255	12282	"	4 3/4	23 738
5	1224	2448	3672	4896	6120	7344	8568	9792	12240	14688	"	5	28 278
6	1666	3332	4998	6664	8330	9996	11662	13328	16660	19992	"	6	38 484
8	2176	4352	6528	8704	10880	13056	15232	17408	21760	26112	"	8	50 265
9	2754	5508	8262	11016	13770	16524	19278	22032	27540	33048	"	9	63 617
10	3400	6800	10200	13600	17000	20400	23800	27200	34000	40800	"	10	78 540

To obtain the capacity of a pump with diameter of cylinder given in the table, but with a longer stroke than 12 inches (the longest stroke given in table), add or multiply the capacity to represent the required length of stroke.
For instance: The capacity of a cylinder with an 18 inch stroke would be the same as that (having the same diameter) of a 12 inch stroke cylinder, added to the capacity of a 6 inch stroke cylinder; or the same result may be obtained by multiplying the capacity of a cylinder with a 6 inch stroke by 3.

To obtain the amount of water discharged per minute, multiply the capacity per stroke by the number of strokes per minute.

Capacities are given in American Gallons. To find English Gallons deduct 1/4; to find litres, multiply by 3.75.

Number Gallons in Cisterns and Tanks

DIAMETER IN FEET

Depth in Feet	5	6	7	8	9	10	11	12	13	14	15	16
7	725	1000	1440	1875	2380	2925	3550	4227	4960	5765	6608	7520
8	1270	1720	2370	3120	3950	4850	5800	6800	7850	8950	10100	11300
7	1015	1480	2160	2935	3800	4710	5670	6680	7740	8850	9970	11200
7	1100	1600	2300	3100	3950	4850	5800	6800	7850	8950	10100	11300
9	1305	1910	2700	3570	4500	5480	6520	7620	8780	10000	11280	12650
10	1450	2110	2980	3950	4950	5980	7050	8180	9380	10650	12000	13450

Capacity of Steel Tanks

Diam. Inches	Gals. per ft. Length		Gals. per ft. Length		Gals. per ft. Length		Gals. per ft. Length		Gals. per ft. Length		
	Diam. Inches	Length Inches	Diam. Inches	Length Inches	Diam. Inches	Length Inches	Diam. Inches	Length Inches	Diam. Inches	Length Inches	
12	5 87	17	11 79	22	19 58	27	29 74	32	41 78	37	55 86
14	8 46	19	13 22	24	21 56	28	31 59	33	44 43	38	58 92
16	11 00	20	16 00	24	24 00	29	34 00	34	47 00	39	62 00
18	13 54	20	19 52	25	27 50	30	36 72	35	49 88	40	65 28
16	10 14	20	14 57	26	21 58	31	39 21	36	52 88		

PUMPS and SOFTENERS LIMITED

LONDON, CANADA

NOTES ON PULLEYS

To Determine Sizes and Speeds of Pulleys

1st.—To find what diameter of driving pulley should be to give driven pulley a certain speed, multiply the diameter of driven pulley by the number of revolutions it should make per minute, and divide this product by the number of revolutions per minute the driving pulley makes.

2nd.—To find diameter of driven pulley, multiply diameter of driving pulley by the number of revolutions it makes per minute, and divide this product by number of revolutions per minute driven pulley should make.

3rd.—To calculate speed of driving pulley, multiply diameter of driving pulley by number of revolutions per minute it makes, and divide this product by diameter of driven pulley.

4th.—To calculate speed of driven pulley, multiply diameter of driving pulley by number of revolutions it makes per minute, and divide this product by diameter of driven pulley.

The same rules can be applied to gearing by substituting for the diameter of pulleys, either the number of teeth of the gears or the diameter in inches.

The above rules are practically correct, although owing to the slip, elasticity and thickness of the belt, the circumference of the driven seldom runs as fast as the driver.

EXAMPLES

A 30-inch pulley making 180 revolutions per minute, drives a countershaft with a 12-inch pulley. What is the speed of the latter?
180 x 30 ÷ 12 = 450 revolutions per minute.

A countershaft is to make 450 revolutions per minute, driven by a 30-inch pulley making 180 revolutions per minute. What will be the diameter of countershaft pulley?
180 x 30 ÷ 450 = 12 inches.

What will be the diameter of a pulley making 180 revolutions per minute, to drive a 12-inch pulley 450 revolutions per minute?
450 x 12 ÷ 180 = 30-inch pulley.

To Determine the Horse Power of Pulleys

Multiply the circumference of the pulley in feet by the number of revolutions it makes per minute, and this product by the width of the belt in inches. Divide this result by 690, which will give the horse power the pulley will safely transmit.

HOW TO USE A VACUUM GAUGE

If scale is in inches of mercury multiply by 1.13 to reduce to feet; if in pounds multiply by 2.3 to reduce to feet.

PUMP VACUUM—

To determine whether the Pump is developing a vacuum or suction, disconnect suction line and plug opening in vacuum chamber. Run pump while pump is running until water is being discharged, then stop pump. Insert vacuum gauge in top of vacuum chamber and start pump. Let pump run until gauge ceases to register increase in vacuum, then stop pump. (A perfect pump will register 29 to 30 feet.)

If pointer gradually falls back after pump stops, an air leak is indicated in vacuum chamber, around valve plate, cylinder plug, or suction plug or union.

SUCTION LEAKS—

To test suction line for air leaks, prime pump while pump is running, until water is discharged, then stop pump. Insert Vacuum Gauge (the sure) your suction line is connected to pump) and run pump until gauge ceases to register increase in vacuum, then stop pump.

If pointer gradually falls back after pump stops a leak is indicated somewhere in the suction line or vacuum chamber or the water is leaking in well below a vertical suction lift or a friction loss occurs.

The test for pump vacuum must first have been made before this test.

FRICTION LOSS—

To determine the amount of friction in the suction line, prime the pump if necessary and insert vacuum gauge in top of vacuum chamber. Run pump until gauge ceases to register increase in vacuum, then stop pump.

Note the reading, then stop pump and note where the pointer comes to rest. If the difference between the gauge readings is 1 foot, this means that the friction loss in the suction line is equal to a vertical suction lift of 5 feet, and that the effective vertical suction lift of the pump will be reduced 5 feet.

There must be no leaks in suction line or pump to get accurate results in this test.

DEPTH OF WATER—

To find depth of water, with pump primed, insert vacuum gauge and run pump until water is being discharged.

Stop pump and note reading on gauge where pointer comes to rest, but the reading when water is well.

This reading will indicate the exact vertical distance to surface of water in well.

PUMPS and SOFTENERS LIMITED

LONDON, CANADA

Useful Rules and Information

To convert inches vacuum into feet suction, multiply by 1.13.

To reduce head in feet to pressure in pounds, multiply by 2.3.

Doubling diameter of pipe increases its capacity four times.

A cubic foot of water weighs 62½ pounds and contains 1728 cubic inches or 7½ U.S. gallons, or 6¼ Imperial gallons.

A U.S. gallon of water weighs 8½ pounds and contains 231 cubic inches.

An Imperial gallon of water weighs 10 pounds, and contains 277 cubic inches.

To find the capacity of a given tank or cistern in U.S. gallons, square the diameter (in feet) and multiply by .7854, multiply by the height in feet, and by 7.48.

Horizontal suction line on length is practical up to 1000 feet, providing you have a gradual slope from the pump to source of supply (just enough to drain the pipe). This prevents air pockets forming and is absolutely necessary in a suction line.

Hot water must flow to the pump, as the air it contains interferes with the suction.

SUCTION LIFT means the vertical distance from the level of the water supply to the centre of the pump.

DISCHARGE HEAD means the vertical distance from the centre of the pump to the centre of the discharge out let where the water is delivered.

TOTAL HEAD means the sum of the suction lift, discharge head, and all friction loss in both suction and discharge pipes.

ATMOSPHERIC PRESSURES, EQUIVALENT HEADS AND SUCTION LIFT

Sea Level	Atmospheric Pressure per Sq. In. in Pounds	Vacuum Gauge Reading in Inches of Mercury	Equivalent Head of Water in Feet Theoretical Maximum	Maximum Practical Suction Lift in Feet
1 mile 1320 Ft.	29.90	29.92	33.95	28
1 mile 2000 Ft.	29.80	29.82	33.79	26
1 mile 3000 Ft.	29.60	29.62	33.53	25
1 mile 4000 Ft.	29.40	29.42	33.27	24
1 mile 5280 Ft.	29.00	29.02	32.76	23
1½ miles 2280 Ft.	28.50	28.52	32.25	21
1½ miles 2620 Ft.	28.00	28.02	31.74	19
2 miles 3000 Ft.	27.50	27.52	31.23	18

Note Vacuum gauge reading in mercury inches multiplied by 0.9088 equals atmospheric pressure per square inch. To convert inches vacuum into feet suction multiply by 1.13.

Suction lift is vertical distance from pump inlet to water level plus pipe friction and other losses, if any.

From the above data it is obvious that Nature has established a limit upon the height that water may be lifted by suction only. Due to these natural limitations, therefore, the statement may be made that no suction pump will lift water more than 34 feet, even under ideal atmospheric conditions at sea level. Variations in altitude above sea level decrease the suction-lift ability of all pumps in the approximate ratio shown in the table.

Wine Gallons Discharged per hour through Various Sized Orifices under Stated Pressures.

Head in Feet	Dis. Press. in lbs. per inch	Diameters of Orifices in inches and fractions of an inch.															
		1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	5/8	3/4	7/8	1	1 1/8	1 1/4	1 1/2	
20	8.66	390	720	1260	1920	2760	3840	5280	7200	9720	13080	17640	23520	31080	40680	52920	
30	17.32	585	1080	1800	2760	3840	5280	7200	9720	13080	17640	23520	31080	40680	52920	68880	
40	25.98	780	1440	2340	3600	5040	6960	9360	12600	16800	22680	30240	39720	51480	66480	86160	
50	34.65	975	1800	2970	4560	6240	8520	11280	15120	20040	26880	35760	46440	59880	77040	99840	
100	69.30	1950	3600	5940	9120	12480	17160	22680	30240	40080	53760	71520	91740	117720	151680	197760	
120	83.16	2340	4320	7020	10800	14640	20160	27000	35640	46920	62160	81360	105480	136560	176640	229440	
150	103.95	2925	5400	8910	13680	18720	25680	34080	44880	58920	77520	101640	132480	171960	223440	289440	
200	138.56	3900	7200	11880	18240	25040	33840	44640	58800	77160	100800	131640	171960	223440	289440	377760	
250	173.17	4875	9000	14850	22800	30960	41520	54480	71760	93240	121920	158640	206400	267360	346080	449760	
300	207.78	5850	10800	17820	27360	36720	49200	63840	83760	109080	142080	184680	239520	309600	398400	517440	
350	242.39	6825	12600	20790	31680	42480	56160	72960	95760	125640	164640	214920	279600	361440	465360	601440	

The pressure or head of water is taken at the orifice, no allowance being made for friction in the pipe. In practical calculations to determine the height which water can be thrown, the head consumed by the friction of the water in flowing from the source to the orifice must be considered.

PUMPS and SOFTENERS LIMITED

LONDON, ENGLAND

Economy Model Webb Water Softener [Down-Flow]

Model _____ Date _____
 Capacity _____ Name _____
 Grains Hardness _____ Address _____
 Flow Rate _____
 Backwash Rate _____

Directions For Operating

WHEN TO REGENERATE: If water drawn from softener is no longer soft by test, it is time to regenerate.
TO TEST: A bottle of liquid soap, a soap dropper and a marked testing bottle are supplied with each softener. When water is soft, two full drops of soap in one-third of a two ounce bottle will give a good permanent suds.

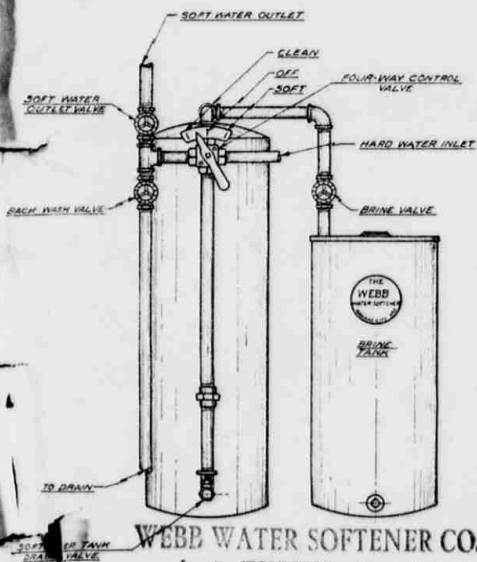
REGENERATION:

1. Close soft water outlet valve.
2. Turn control valve to "CLEAN."
3. Open backwash valve permitting backwashing at not over _____ gallons per minute until water is clear. If flow is less than specified, a longer backwash is required.
4. Close backwash valve.
5. Turn control valve to "OFF."
6. Open softener tank drain valve.
7. Open brine valve.
8. Permit _____ inches of saturated solution of salt brine to be syphoned into softener tank.
9. Close brine valve.
10. Close softener tank drain valve.
11. Permit salt brine to remain in softener tank 15 to 30 minutes (30 minutes when convenient).
12. Turn control to "SOFT."
13. Open softener tank drain valve, flushing brine from softener tank.
14. When water from drain outlet tests soft, close softener tank drain valve and open soft water outlet valve.

NOTE: To fill brine tank with water, open brine line valve AFTER softener is thoroughly regenerated and in service and lever handle is on "SOFT" on the Control Valve.

Keep brine tank one-half to two-thirds full of a good, clean, medium grade of rock salt. As there is from one-half to four pounds of insoluble in each 100 pounds of salt, brine tanks should be cleaned when necessary.

IMPORTANT: The soft water capacity of a WEBB WATER SOFTENER increases as the water becomes less hard and decreases as the hardness increases.



WEBB WATER SOFTENER CO.

**L. A. TUPPER, Manager
 CALGARY, — ALBERTA**

WEBB MANUFACTURING COMPANY

1813 BALTIMORE AVENUE, KANSAS CITY, MISSOURI
 Phone: Grand 2790

231-8th Ave., West—Room 6

PHONE M2474

Indian Affairs. School Files.
 (RG 10, Volume 6346, File 751-5, part 5)

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For information of Dept. of Indian Affairs.

PLEASE ADDRESS YOUR REPLY TO
THE ENGINEER-IN-CHARGE
DOMINION
WATER POWER AND HYDROMETRIC BUREAU
CALGARY, ALTA.

L/F



DEPARTMENT OF THE INTERIOR
CANADA

PLEASE REFER TO ONE SUBJECT IN A
LETTER, AND IN YOUR REPLY QUOTE

4811.

FILE NO.

DOMINION WATER POWER AND HYDROMETRIC BUREAU

CALGARY, ALTA. October 2, 1935.

Blue Hills Indian School
St. Paul de Metis, Alberta.

Sir,-

I beg to acknowledge receipt of your letter of 4th ultimo regarding a water softener for the above-named school.

Mr. Fetterly made enquiries from the following firms regarding softeners:-

Bell & Morris, Calgary, Alta. Duro Softener

Webb Water Softener Co. Calgary, Alta. Webb Softener.

These men required some notice in obtaining prices as their principals need an analysis of the water to be treated before submitting prices.

The Duro Softener is manufactured by Pumps and Softeners Limited of London, Ontario. The Webb softener is manufactured in Calgary from an American patent of the Webb Mfg. Co. of Kansas City, Missouri.

Enc.

Mr. Fetterly could not find any representatives of Westaway Co. of Hamilton who made the softener for Union Lake School in Saskatchewan. This last was supplied by Bowers Hardware Co. of Battleford and has given good satisfaction.

The chemical analysis as supplied to the first two firms mentioned is that sent to you under date July 4, 1933, as follows:-

Total solids	1322 parts per million.
Ignition Loss	308
Hardness.	600 (X .07 = 42 grains per gallon. Calgary water being 12 to 14 grains for comparison).
Sulphates.	365 Sulphate of Soda.
Chlorides.	17
Alkalinity	610
Nature of Alkalinity	Carbonate of lime & magnesia

The Director,
Water Power & Hydrometric Bureau,
Department of the Interior,
Ottawa.

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PUMPS AND SOFTENERS LIMITED

Sept.27th 1935.

Attention of Mr. Fetterly.

Messrs. Bell & Morris Co. Ltd.,
Calgary, Alta.

Attention Mr. S.D. Jenkins.

Gentlemen,

In reply to your letter of September 23rd for softeners for the Department of Indian Affairs, we would recommend from the information with which you have supplied us, two of our No. S.F. 5 Duro single control Softeners which are described on page 28 of our Pumps and Softeners catalogue. Two of these units hooked up together would make an ideal installation in that during the course of regenerating one of the units, the other unit would supply the soft water.

The S.F. 5 Softener, on 36 grain water to the wine gallon, would have a capacity of 2480 gallons each, and a flow rate of 20 wine gallons per minute each, or combined capacity would be in excess of 4900 wine gallons, or 40 gallons per minute flow rate. The selling price of these units are \$340.00 each, or \$680.00 for the two units, F.O.B. Calgary.

In the event that this type of equipment does not suit your customer, we are pleased to offer as an alternative our 30" diameter industrial type Softener having a capacity of 5200 wine gallons between regenerations, on water of 36 grains hardness to the wine gallons, with a maximum flow rate of 39.2 wine gallons per minute, complete with 30 x 48 Brine tank, holding 700 pounds of salt. The salt consumption in this unit would run approximately 100 pounds per regeneration, and the selling price on same would be \$625.00, Net, F.O.B. London. Shipping weights are as follows:-

Tanks	1215 pounds.	} London to St. Paul } Alberta.
Gravel	795 "	
Fittings.	295 "	
Minerals	875 "	
	<u>3180.</u>	

In regard to the S.F.5 softeners, these would be equipped with one Brine tank, having approximately 800 pounds capacity and the salt consumption would run in the neighbourhood of 70 pounds per regeneration.

Shipping weights of the combined units would be 2600 pounds.

The S.F.5 Softener would be shipped filled with the necessary gravel and mineral, and the installation charges

Plus freight
9 680
128 29
808 29

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2.

on this job would be negligible, while on the 30" diameter the interior and exterior piping, as well as the filling, would have to be done on the job.

If there are any further questions in regard to these two assemblies, please feel at liberty to consult us at any time, without obligation to yourself. Our Branch at 74 Princess Street, in Winnipeg, has several of these dual S.F. No.5 units installed in some of the Indian Schools in Manitoba, and they have worked to the entire satisfaction of the Department of Indian Affairs.

Yours truly,

Pumps & Softeners Ltd.

Note: Freight on 3180 lbs. from London, Ont. to St. Paul de Metis amounts to \$125.29 at 3.94 per 100 lbs. This amount is additional to the above.

P.A.F.

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6 Board of Trade Bldg.
Calgary, Alta.
September 3rd 1935.

The Secretary,
Dept. of Indian Affairs.
Ottawa.

Dear Sir,-

At the request of Mr. M. Christiansen, Inspector of Indian Affairs, Alberta Inspectorate, we are quoting herewith prices on a Webb Water Softener for the Blue Quills School at St. Paul.

The Softener which we propose to supply for this school is designed by the Webb Manufacturing Company of Kansas City, Mo. and manufactured by us in Calgary, according to their specifications. Owing to the extreme hardness of the water, we have selected their Down-flow Model. This type of Softener is an excellent filter as well as a Softener.

The Softener Equipment is composed of a Softener tank and a Brine Tank with connections.

The Softener Tank would be 27" in diameter by 72" high made of 10 gauge plate, hot galvanized, inside and out after welding.

The Brine Tank would be 27" in diameter by 48" high, hot galvanized and of 14 gauge with cover.

The Pipes, Fittings and Valves as shown on the enclosed sketch will be one inch (should read ~~xxxxx~~ 1/4")

A Four Way Control Valve is on the water supply line to the softener. With this the water flow can be reversed, for back-washing, thus throwing out all sediment which may have accumulated during the period of operation.

The Salt necessary for regenerating would be 96 pounds. for 4000 gal. water.

We understand that the water at the Blue Quills School has 42 grains of hardness per gallon, and that approximately 4000 gallons of water might be used each day, therefore we propose to furnish a Softener with a capacity to meet this requirement and we guarantee this Softener to do this.

The Zeolite (trade name, Webbolite) which we use in this Softener is the world's greatest absorbing mineral, having a guaranteed capacity of 15,000 grains of hardness per cu. ft.

6610
120
c
8
7

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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CANADA

POOR COPY

2.

Our Price for the above equipment is \$650.00 f.o.b.
Calgary.

The approximate Weight of this Softener is 1100 pounds.

We will pay the freight, cartage and other shipment charges, furnish pipes, fittings, valves and all labour necessary for complete installation of the Softener for the additional sum of \$130.00.

We shall be glad to furnish any additional information which you may require.

Respectfully submitted.

WEBB WATER SOFTENER COMPANY.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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ARCHIVES PUBLIQUES
CANADA

POOR COPY

118-1-5

PLEASE ADDRESS YOUR REPLY TO
THE DIRECTOR OF DOMINION WATER POWER
AND HYDROMETRIC BUREAU
DEPARTMENT OF THE INTERIOR
OTTAWA, CANADA
MFC:WIA



DIRECTOR, J. T. JOHNSTON, C.E., M.E.I.C.
ASST. DIRECTOR, V. MEEK, B. SC., M.E.I.C.

PLEASE REFER TO ONE SUBJECT IN A
LETTER, AND IN YOUR REPLY QUOTE
FILE NO. 41187-W.

DEPARTMENT OF THE INTERIOR
CANADA
DOMINION WATER POWER AND HYDROMETRIC BUREAU

Your File 118-1-5.

OTTAWA, ONT..

October 8th, 1935.



Sir,

In further reference to your letter of Sep-
tember 3rd regarding the installation of a water softener
at the Blue Quills Indian Residential School, St. Paul,
Alberta, I enclose herewith a copy of a letter from Mr.
Hoover, our Engineer-in-Charge, at Calgary, which gives
prices of two makes of water softener; one manufactured
by Pumps and Softeners Limited of London, Ontario, and
the other made by the Webb Water Softener Co. of Calgary.

There are also enclosed copies of letters
from representatives of these two concerns describing
their water softeners and catalogues giving an illustra-
tion of each.

From the information supplied it appears that
there is very little difference in the price quoted for
each of these water softeners. The amount of salt re-
quired with each regeneration also is approximately the
same and the general method of operation is very similar
in both cases. The main difference appears to be that
with the Duro Softener two units would be necessary,
whereas the Webb Softener can be supplied of the same
capacity in the single unit at a price about \$30.00 less
than the other.

I shall be glad to receive your further in-
structions in regard to this matter.

Your obedient servant,

J. T. Johnston,
Director.

per M.F.C.

A. F. MacKenzie, Esq.,
Secretary,
Department of Indian Affairs,
Ottawa, Ontario.

7/10/35
MS
Quands
OK

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA


118-1-5

October 15, 1935.

Dear Sir,-

Replying to your letter of the 8th instant, you may give instructions to your district engineer at Calgary to purchase and have installed a water softener at the Blue Quills School, the purchase to be made from the firm quoting the lowest price providing the Engineer is satisfied that the equipment will do the work in a proper manner.

Yours very truly,


T. R. L. MacInnes.
Acting Secretary.


Dominion Water Power Branch,
Ottawa.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

118-1-5
TELEPHONE M1997



WEBB WATER SOFTENER

L. A. TUPPER
DISTRIBUTOR FOR ALBERTA



Room G,
231 Eighth Ave. West,
CALGARY, Alberta

October 13th, 1905.

[Handwritten signature]
The Secretary,
Dept. of Indian Affairs
Ottawa, Ont.

Dear Sir:

Referring to our letter of September 3rd giving you quotation on Water Softener, we notice that in giving you the dimension of the pipe size that it was mentioned as one inch connection. This was an error and should read one and a quarter inch. The one inch pipe would not carry the number of gallons mentioned. Should we be favored with your order we can make delivery in three weeks time.

Hoping that we may be favored with your order, we are

Yours very truly,

WEBB WATER SOFTENER COMPANY

By *[Handwritten signature]*

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

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CANADA

Please mention Number of this Invoice if Claim is made for Error or Shortage. Interest charged if not paid at maturity. All claims must be made promptly on receipt of goods. Our responsibility ceases after delivery of goods to Transportation Company. Examine all packages carefully before giving Transportation Company receipt for them in good order.

MARSHALL-WELLS LIMITED

WHOLESALE
HARDWARE, MILL and MINING SUPPLIES

CALGARY, Canada

Oct. 4th, 1935.

Sold to

Dom. Govt. Dept. of Indian Affairs,
██████████
Calgary, Alta.

OUR INVOICE No
YOUR ORDER No. 13993

SHIPPED VIA Prepaid Exp.

Shipped to

Blue Gull Indian Residential School

2% 30 DAYS NET 30 DAYS

	St. Paul, Alta.				
1	only 20-2 Burner Hot Plate	1	8.45	8.45	
	Exp. charges			<u>.25</u>	
				9.20	

CD

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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CANADA

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Vote No.

Treaty No.

DEPARTMENT OF INDIAN AFFAIRS

To Marshall-Wells, Ltd.

CALGARY, Alta.

DATE	SERVICE	AMOUNT
1935		
Oct. 4	To Electric Plate for Blue Quills Indian Residential School, St. Paul, in the Saddle Lake Agency, as per invoice attached.....	9.40
TRIPLICATE FOR FILE 20-10-35 Voucher in duplicate detached for deposit to file.		
<u>SADDLE LAKE AGENCY VOUCHER NO. 355</u>		
NINE AND 40/100- - - - - DOLLARS. TOTAL,		9.40

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just; also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

FORM No. 506

Shullion
INDIAN AGENT.

Inspector of Indian Agencies *Asst*

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

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Blue Quills Ind.Res.School,
Saint-Paul.Alta.

Estimates,for the year 1936,of work to be made at Blue Quills
Ind.Res.School.

Outbuilding:

1 pigery, 64' X 22' X 8',to cost approximately \$ 1200.00

Main building:

Battleship linoleum \$ 1000.00

Total: \$ 2200.00

The Principal,

Henry Jones

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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CANADA

DEPARTMENT OF INDIAN AFFAIRS
CANADA



OFFICE OF
INDIAN AGENT

SADDLE LAKE, ALBERTA.

October 16th, 1935.

Sir:-

I beg to transmit herewith, the Reverend
Principal's estimate for the fiscal year 1936-1937
covering building, etc. for the Blue Quill's Indian
Residential school, as follows:-

Outbuilding:

1 piggery, 64'x 22'x 8', to cost
approximately - \$1200.00

Main building: (school)

Battleship linoleum 1000.00

Total --- \$2200.00

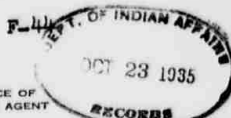
Your obedient servant,

W.E. Gullion
W.E. Gullion
Indian Agent.

The Secretary,
Department of Indian Affairs,
Ottawa, Ont.

*Noted for
Estimates (40)
Oct. 25, 1935
S.M.*

118-1-5-



Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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PLEASE ADDRESS YOUR REPLY TO
THE DIRECTOR OF DOMINION WATER POWER
AND HYDROMETRIC BUREAU
DEPARTMENT OF THE INTERIOR
OTTAWA, CANADA



118-1-5
DIRECTOR, J. T. JOHNSTON, C.E., M.E.I.C.
ASST. DIRECTOR, V. MEER, B. SC., M.E.I.C.

PLEASE REFER TO ONE SUBJECT IN A
LETTER, AND IN YOUR REPLY QUOTE

FILE NO. 41167

MFC:FB

DEPARTMENT OF THE INTERIOR
CANADA

Your file 118-1-5

DOMINION WATER POWER AND HYDROMETRIC BUREAU

OTTAWA, ONT.,
November 5th, 1935



Blue Quills
Sir,-

In further reference to the proposed installation of a water softener at the Blue Quills Indian Residential School, St. Paul, Alberta, a further report has been received from Mr. Hoover in which he recommends that the Duro S.F. 5 two-unit type of water softener be purchased for this school from Messrs. Bell and Morris of Calgary, at the price of \$680.00 complete F.O.B. St. Paul de Metis.

In my letter to you of October 9th, I stated that the Webb water softener can be supplied at the price of about \$30.00 less than the Duro softener, but it appears that the price quoted for Webb softener would not include transportation charges, new fittings and installation. Adding these charges would bring the total cost of the Webb softener to \$780.00. The Duro softener is also considerably more economical in salt consumption, and it is, therefore, recommended that the Duro S.F. 5 two-unit installation be purchased for the Blue Quills School. I shall be glad to have your approval of this recommendation.

Your obedient servant,

J. T. Johnston,
Director.

A. F. MacKenzie, Esq.,
Secretary,
Department of Indian Affairs,
Ottawa, Ontario.

J. M. F. C.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

118-1-5

Nov. 12, 1935.

Dear Sir,-

Replying to your letter of the 5th instant, I beg to say that the Department approves of the purchase of a water softener for the Blue Quills Indian Residential School, as recommended by Mr. Hoover.

Yours very truly,

E. A. 3907



Dominion Water Power Branch,
Ottawa.



A. F. MacKenzie.
Secretary.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA



HAYWARD LUMBER CO., LIMITED

DEALERS IN
LUMBER, LATH, SHINGLES, DOORS, WINDOWS, MOULDINGS,
FINISHINGS, ROOFING, BUILDING PAPER, ETC.
— LIME, CEMENT, WOOD FIBRE, PLASTER AND COAL —

St. Paul, Alta., Nov. 2nd 1935
ALBERTA

Sold to Department of Indian Affairs (Saddle Lake Agency)

Address Saddle Lake, Alta., Te-Blue Quille School

TERMS: Accounts Due and Payable When Rendered Lumber for Chicken House 15' x 40' 7' & 9' studs

Sales Ticket No.	DATE	No. Pcs.	DESCRIPTION	FEET	Price	CR.	DR.	CR.	BALANCE
	Oct. 1st								
		20	sks cement		1.25		25.00		
		11	2 x 6 -12 # 1 Sp. Dim.	132	33.00		4.38		
		88	2 x 4 -16 " "	619	34.00		21.04		
		48	2 x 4 -12 " "	384	32.00		12.28		
		21	2 x 6 -16 " "	336	35.00		11.76		
		21	2 x 4 -14 " "	196	32.00		6.27		
		25	1 x 4 -12 " "	100	30.00		3.00		
		6425	B.M.Ft. 1 x 6 # 1 Sp. Shiplap	6425	36.00		234.87		
		1100	" " 1 x 6 # 1 Sp. D. Sdg.	1100	36.00		41.80		
		7000	# 1 Red cedar shingles	7000	5.80		38.80		
		60	B.M.Ft. 1 x 4 Ft. V. Jnt.	60	40.00		2.40		
		300	" " 1 x 6 # 1 Sp. B'ds.	300	32.00		9.60		
		2	2.8 x 6.8 1 3/8 Doo frames	2	7.50		15.00		
		20	"olls # 1 to pipe	20	2.25		45.00		
		5	10 x 12 - 15 lt. mesh	5	4.80		24.00		
		5	do do frames	5	4.00		20.00		
		1200	B.M.Ft. 1 x 12 # 1 bo'ds	1200	36.00		43.20		
							547.07		
			Less 15% discount				81.13		
							NET -- \$ 465.97		
			Hardware:-						
		35	lbs shingles nails	35	.10		3.50		
		100	" 2 1/2 C.W. Nails	100	.07		7.00		
		150	" 4 " "	150	.07		10.50		
		2	"'s shiplap hinges	2	.45		.90		
		2	do' lock sets	2	1.15		2.30		
							24.20		
			Less 10% discount				2.42		
							\$ 21.78		
			Lumber net				\$ 465.97		
			Hardware net				\$ 21.78		
							\$ 487.75		Net amount owing.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA



HAYWARD LUMBER CO., LIMITED

DEALERS IN
LUMBER, LATH, SHINGLES, DOORS, WINDOWS, MOULDINGS,
FINISHINGS, ROOFING, BUILDING PAPER, ETC.
LIME, CEMENT, WOOD FIBRE, PLASTER AND COAL

Estimate # 1525

St. Paul, Alta., Nov. 2nd - 1935 183
ALBERTA

Sold to Department of Indian Affairs - (Saddle Lake Agency)

Address Saddle Lake Alta. - Blue Quills School.

TERMS: Accounts Due and Payable When Rendered

Sales Ticket No.	DATE	No. Pcs.	DESCRIPTION	FEET	Price	Ch.	DR.	CR.	BALANCE
			Lumber for Saddle Lake Agency 24' x 80' studs.						
Oct. 1st		40	sks cement	40	1.25		50.00		
		124	2 x 6 - 12 # 1 Sp". Dim.	1488					
		8	2 x 6 - 14 " "	112	53.00		52.80		
		164	2 x 6 - 16 " "	2464	35.00		86.24		
		62	2 x 8 - 12 " "	1312	34.00		44.60		
		30	2 x 4 - 12 " "	240	32.00		7.68		
		1950	B.M. Ft. 1x8 #1 Sp". D. Sdg.	1950	38.00		74.10		
		8150	" " 1x8 " ship lap	8150	35.00		285.25		
		15500	# 1 "ed geds" shingles	15500	5.50		85.25	85.25	
		35	B.M. Ft. 3/8x4 Fl. V. Joint.	35	40.00		3.40		
		1800	" " #5 Sp". boards	1800	29.00		52.20		
		300	" " #1 1x6 Sp". boards	300	32.00		9.60		
		3	8x10 12 lt. C. windows.	3	2.98		8.95		
		3	do do frames	3	4.00		12.00		
		3	3.0x7.0 1-3/8 doo" frames	3	7.60		22.80		
		2425	B.M. Ft. 1x8 #1 Sp". ship lap	2425	35.00		84.87		
							880.34		
			Nov. 2nd. By credit for studs 2295 ft. ship. @ \$36.00				80.32		
							800.02		
			Hardware:-						
		45	lbs. shingle nails	45	.10		4.50		
		200	" 2 1/2" C. Nails.	200	.07		14.00		
		50	" 3 " " "	50	.07		3.50		
		150	" 4 " " "	150	.07		10.50		
		90	" 3 " " "	90	.07		6.30		
		1	2" x 3" x 1/2" wood screws	1	.90		.90		
		3	doo" lock sets	3	1.15		3.45		
		3	pair's 6" Tee hinges	3	.45		1.35		
		3	" " 6" Strap hinges	3	.45		1.35		
							45.90		
			Lumber account				800.02		
			Less 15% discount				120.00		
			Net:-				680.02		
			Hardware account				45.90		
			Less 10% discount				4.59		
			Net:-				41.31		
			NET AMOUNT OWING:-				721.33		
			Reserve				1.00		
							720.33		

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

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Vote No.

Treaty No. **6**

DEPARTMENT OF INDIAN AFFAIRS

To Hayward Lumber Co., Ltd.,

St. Paul,

Alta.

DATE 1935	SERVICE	AMOUNT
Nov. 12	To building materials for building granary, Blue Quill's Indian Residential School, Saddle Lake Agency as per statements attached.	720 33
	To material for chicken house Blue Quill's Res. School	487.75
<p>Authority; Ref. Official letter No. 118-1-5 dated Sept. 15, 1935, addressed to Mr. Inspector Christianson.</p> <p>TRIPPLICATE FOR FILE Voucher duplicate detached for Accountant to pay.</p> <p>21-11-35</p> <p>(3742)</p>		
	<p>Allot. 2 Vr. No. 371</p>	
TOTAL,		1208 08

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just; also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

Paulson
Agent

FORM No. 506

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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CANADA

POOR COPY



Vote No.
Treaty No. 6

DEPARTMENT OF INDIAN AFFAIRS

To Mr. H. S. Fraser,

St. Paul,

Alberta

DATE	SERVICE	AMOUNT
1935		
Nov. 16	To work performed in the construction of granary and chicken house at the Blue Quill's Indian Residential School, Saddle Lake Agency; Frame granary -24x50-8'studs; cement foundation and supports, with bins-completed as per attached specifications---	225 00
	Frame chicken house -15x40-8'studs; cement foundation and supports with partitions windows, doors, nests etc. completed as per specifications attached -	190 00
	<u>Memoire payment:</u> Payable to Banque Canadienne Nationale, St. Paul, Alta. as per H.S. Fraser's XXXXXXXXXXXX order attached..... \$ 50.00 Bal. to H.S. Fraser <u>365.00</u> \$ 415.00	
	Authority; Ref; official letter No. 118-1-5 dated Sept. 18, 1935 addressed to Mr. Insp. Christianson.	
	AlLOT. 2 Vr. No. 373	
	TOTAL	415. 00

TRIPPLICATE FOR FILE
26.11.35
Voucher to be attached
for amount to pay

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just; also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

H. S. Fraser
Agent

FORM No. 506

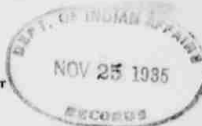
Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

DEPARTMENT OF INDIAN AFFAIRS
CANADA



OFFICE OF
INDIAN AGENT



Saddle Lake, Alta.,
Nov. 16, 1935.

Sir,-

I beg to submit herewith, Voucher No. 373 amounting to \$415.00 in favor of H.S. Fraser, St. Paul, Alta., for work performed, building granary and chicken house at the Blue Quill's Indian Residential school in accordance with instructions received; reference official letter No. 407-11A dated September 21st 1935 addressed to Mr. Inspector Christianson.

I am also attaching an order signed by Mr. Fraser in which he asks that the sum of \$50.00 be paid to the Bank Canadienne Nationale, St. Paul, Alberta. Also Mr. Fraser's tender, specifications of granary and chicken house and time sheet in connection with the work.

I might state that the buildings were satisfactorily completed.

Your obedient servant,

W.E. Bullion,
Indian Agent.

The Secretary,
Department of Indian Affairs,
Ottawa, Ont.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

COPY

117-1-5

ST. PAUL, Alberta.

November 8th, 1935.

The Secretary,
Department of Indian Affairs,
Ottawa, Ontario.

Dear Sir:-

This will be your sufficient warrant and authority to pay the sum of Fifty Dollars (\$50.00) direct to Banque Canadienne Nationale, St. Paul, Alberta, and to deduct this amount from my account for work performed at the Blue Quille Indian Residential School re Saddle Lake Reserve Agency.

Yours truly,

(Sgd.) H.S. Fraser.

7.50

/J

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

CALGARY POWER COMPANY, LIMITED

HEAD OFFICE, 244 ST. JAMES STREET
MONTREALCALGARY OFFICE
INSURANCE EXCHANGE BUILDINGEDMONTON OFFICE
COMMERCIAL BUILDING

EDMONTON, ALBERTA

December 9, 1935.

Rev. Father J. Angin,
Blue Quills Indian Residential School,
St. Paul, Alberta.

Rev. Father:

As you are aware, our present contract with the Department of Indian Affairs covering service from our Company to the Indian School expires on December 31st of this year. We presume that you wish to continue this service and we would of course be very pleased to continue it on the terms contained in the present contract.

We do not know if it will be necessary for you to secure authority from the Department, or not. If the matter rests with you, a letter from you, signifying your intention to continue the service for a further period of five years, will be quite sufficient, and, in that case, it would not be necessary to draw up another contract.

If, however, you feel that you are unable to bind yourself to continue this service for a further period, we would suggest that you take the matter up with the Department and obtain their wishes in the matter, and would be obliged if you would advise us accordingly.

Yours very truly,

CALGARY POWER CO. LTD.,

J. J. Macdonald
Manager, Northern Division.

JHM/C.

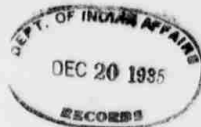
Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5
Blue Quills Ind. Res. School,
Saint-Paul. Alta.

Dec. 13th 1935

J. A. Angin
To the Secretary,
Department of Indian Affairs,
Ottawa.



Sir,

I have received from the Calgary Power Co a letter that I enclose for your information, stating that the contract between this firm and the Blue Quills School for furnishing the electric light and power is ending on Dec. 31st of this year. They ask, of course, to renew the contract.

I must say that we had a very good service from the Calgary Power Co for the last 5 years, but the rate per kilowatt-hour is very high for the light.

1 copy
I would suggest that you ask to the Calgary Power Co to lower the rate for the light and to reduce it to 0,09 cts per kilowatt-hour, instead of 0,12 cts we pay for just now; we pay 0,06 cts per kilowatt-hour for the power and this is quite right.

In the village of St Paul, the private customers of the Calgary Power Co pay 0,12 cts per kilowatt-hour for light and 0,06 cts for the power; but the elevators pay only 0,06 cts per kilowatt-hour for light and power; and I suppose the Calgary Power Co could easily reduce the price rate of the light in favor of Blue Quills School.

During these last 2 years, I have paid to the Calgary Power Co \$ 100,00 per month in average, and as you see, it is much. I would be satisfied if you could obtain from this firm a reduction in the rate of the light.

It would be probably more advisable to discuss the matter directly with the head-office of the Calgary Power Co, at Montreal, 244, St James Street.

Hoping you will succeed in this business, I remain,

Yours truly,

J. A. Angin
Rev. Jos. Angin,
Principal

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
CANADA

116-1-5.

Ottawa, December 20, 1935.

Dear Sir:

The Blue Quills Indian Residential School, near St. Paul, Alta., receives electric service from your Company. The Principal advises us that his contract expires on the 31st instant, and your Edmonton Branch has requested him to renew the contract for another five years.

10/17
The Principal is quite prepared to do so, but he states that he is charged .12 cents per kilowatt-hour for light, which is the same amount as charged to private consumers in the Village of St. Paul. The Principal further states that the elevator companies pay only .06 cents for light.

In view of the fact that this school consumes a large amount of light and power, and also in consideration of the rate allowed the elevator companies, the Principal considers that the Calgary Power Company might allow him the rate of .06 cents per kilowatt-hour.

This Department does not pay directly for the electricity used at this school, but we provide a per capita allowance for each Indian child in attendance, and from the funds thus obtained the Principal pays the current expenses of the school. If it is at all possible to meet the Principal's wishes to reduce the rate for light service, the Department would appreciate such action.

K. F. Mackenzie
The Calgary Power Co. Ltd.,
244 St. James St.,
Montreal, P. Q.

Yours truly,
K. F. Mackenzie
K. F. Mackenzie,
Secretary.

Indian Affairs, School Files,
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5

CALGARY POWER COMPANY, LIMITED

HEAD OFFICE
MONTREAL, QUE.

244 ST. JAMES STREET
MONTREAL
CANADA

OPERATING OFFICE
CALGARY, ALTA.

December 26th, 1935.



A. F. MacKenzie, Esq., Secretary,
Department of Indian Affairs,
OTTAWA, Ont.

Dear Sir:-

Your Ref. No. 118-1-5

The Blue Quille Indian Residential School is not supplied from our main system, but from a small Diesel engine plant in the Town of St. Paul. On account of the costly source of power supply our St. Paul system operates at a loss. This condition we hope to correct eventually by extending our transmission system to supply St. Paul. Any reduction in rates in the meantime is apt to increase our losses and may force us into an extension of our St. Paul plant, which would be money thrown away when our main transmission system is extended.

2 copies

While we have not the full details in this office regarding the St. Paul rates, it would surprise us if any of the elevator companies are being supplied with light at a lower rate than the Indian School, all things considered.

We are referring your letter to our Calgary Office who will go into the matter further.

Yours very truly,

C.P.
CAG-DC

President

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.

Ottawa, December 30, 1935.


Reverend Sir:


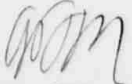
With reference to your letter of the 13th instant, regarding your contract with the Calgary Power Company, the Department communicated with the head office in Montreal, and, for your information, I enclose a copy of their reply.

You will note that the matter is being referred to their Calgary office, and Mr. Christianson is being instructed to visit this office and discuss the matter with the manager.

Yours truly,

Encl.


A. F. Mackenzie,
Secretary.



Rev. Jos. Angin, O.M.I.,
Principal,
Blue Quills Indian Res. School,
Saint Paul, Alberta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.

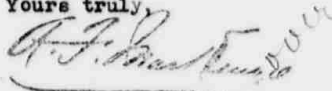
Ottawa, December 30, 1935.

Dear Sir:

I enclose a copy of letter received from the Principal of the Blue quills Residential School, also copy of our letter to the Calgary Power Company and a copy of their reply.

I would appreciate if you would visit the office of the Calgary Power Company in Calgary and discuss this matter with them.

Yours truly,



A. F. MacKenzie,
Secretary.

Encl. 3.



M. Christianson, Esq.,
Inspector of Indian Agencies,
Inspector's Office,
C a l g a r y, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

BELL & MORRIS

MANUFACTURERS AND WHOLESALE
MERCHANTS

IRONFOUNDERS AND ENGINEERS

AGENTS FOR
DIXON & CORBITT WIRE CABLE
CANADA CARBIDE
STAR WINDMILLS AND HOOSIER PUMPS
O. W. SADLER DELTING CO. LTD.
TRUSCON STEEL
THE RUBEROID CO.
DUNDEE BRATTICE CLOTH

RAILROAD AND MINE SUPPLIES
OIL AND WATER WELL SUPPLIES
PLUMBING AND STEAMFITTING SUPPLIES
GAS AND WATER WELL CASING
PIPE VALVES AND FITTINGS
GAS ENGINES AND EQUIPMENT
ROAD MACHINERY

CALGARY, 18th November 1936
CANADA

SOLD TO Department of the Interior,
ADDRESS Water Power & Hydrometric Bureau,
SHIPPED TO Calgary.

VIA Blue Quills Indian School TERMS
St. Paul de Metis

OUR NO. 27464 CUSTOMER'S NO. ORDERED BY

				DISC'T	
2	#8.F. 5 Duro Semi Automatic Water Softeners complete				680.00
	Goods Received Work Performed Prices Fair and Just. <i>D. H. Noove</i>			CERTIFIED CORRECT <i>P. A. Fetterly</i>	
	<i>Calgary Alta Jan 3. 1936</i>				

CONDITIONS OF SALE—Goods guaranteed only to the extent of supplying new parts for any found defective in manufacture. Not liable for delays or damages due to causes beyond our control. All shipments at Buyer's risk. Goods must not be returned without our permission. All Claims must be made within Five Days after receipt of goods. Prices subject to change with or without notice.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

BELL & MORRIS

MANUFACTURERS AND WHOLESALE
MERCHANTS
IRONFOUNDERS AND ENGINEERS

RAILROAD AND MILL SUPPLIES
OIL AND WATER WELL SUPPLIES
PLUMBING AND STEAMFITTING SUPPLIES
GAS AND WATER WELL CASING
PIPE VALVES AND FITTINGS
GAS ENGINES AND EQUIPMENT
ROAD MACHINERY

AGENTS FOR
DIXON & CORBITT WIRE CABLE
CANADA CARBIDE
STAR WINDMILLS AND HOOSIER PUMPS
G. W. SADLER BELTING CO. LTD.
TRUSCON STEEL
THE RUBEROID CO.
DUNDEE BRATTICE CLOTH

CALGARY,
CANADA

18th November 1935

SOLD TO Department of the Interior,
ADDRESS Water Power & Hydrometric Bureau,
Calgary.
SHIPPED TO Blue Quills Indian School
VIA St. Paul de Metis TERMS

OUR NO. 27464 CUSTOMER'S NO. ORDERED BY

QTY	DESCRIPTION	PRICE
2	#S.F. 5 Duro Semi Automatic Water Softeners complete	680.00

Goods Received
Work Performed
Satisfactory and Just.
M.H. Ouse

TRIPLE COPY FILE
14-1-36
Voucher in duplicate detached
for Accountant to pay.

DEFERRED CORRECT
P.A. Galtley

Calgary Alta Jan 3, 1936

CONDITIONS OF SALE—Goods guaranteed only to the extent of supplying new parts for any found defective in manufacture. Not liable for delays or damages due to causes beyond our control. All shipments at Buyer's risk. Goods must not be returned without our permission. All Claims must be made within Five Days after receipt of goods. Prices subject to change with or without notice.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

Copy for Dept. of Indian Affairs.

PLEASE ADDRESS YOUR REPLY TO
THE ENGINEER-IN-CHARGE
DOMINION
WATER POWER AND HYDROMETRIC BUREAU
CALGARY, ALTA.



DEPARTMENT OF THE INTERIOR
CANADA

PLEASE REFER TO ONE SUBJECT IN A
LETTER, AND IN YOUR REPLY QUOTE
FILE NO. 4811.

L/F

DOMINION WATER POWER AND HYDROMETRIC BUREAU

CALGARY, ALTA. January 9, 1936.

Blue Quills Indian School.

Sir,-

I beg to acknowledge receipt of your letter of 6th instant regarding the Duro Water Softeners which have been installed in the above-named school.

I might state that Mr. Fetterly and I spent a considerable amount of time deciding upon the type of softener to install. Information of the right sort and also of a competitive nature is very difficult to obtain. However we at last decided to recommend a Duro Softener.

By the price, \$680 complete, as mentioned in page '2', centre of page, of my letter of October 29, it was intended to convey the information that the unit was self-containing as a softener including zeolite, etc., with no extra parts to purchase to make it a going concern. It was not intended to include piping, valves, etc. or other connections with the present water system. When tenders were offered neither Bell & Morris nor ourselves intended to convey this idea. The pipe, valves, etc. should be considered as extras as they have nothing to do with the softener itself.

The softener ordinarily would be located actually between the wall and the pressure tanks, but in this case this procedure was impossible unless a concrete pit were constructed contiguous to the tank room and outside of the building. It was therefore decided to locate the softeners behind the rear end of the tanks and behind a concrete wall enclosing the tanks.

If Bell & Morris had tendered on fittings and installation their price would have still been lower than the Webb tender.

The tenders were requested without a visit to the School by Mr. Fetterly, as that would cost upwards of \$50 or more. Mr. Gullion, the Indian Agent at Saddle Lake, was kind enough to attend to that part.

The Director,
Water Power & Hydrometric Bureau,
Department of the Interior,
Ottawa.

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

2.

Consequently Bell & Morris were requested to tender for the water softener, "complete" but not extras nor installation.

The installation was superintended by Mr. Gullion, the work, according to him, being done by Mr. Desmarais, a tinsmith of St. Paul, who is to receive \$22 for his work as arranged by Mr. Gullion.

I requested that Father Angin and Mr. Gullion inform me of the arrival of extras and the completion of the installation. I have not heard from them, as yet.

Mr. Gullion stated that Mr. Desmarais' charges for the installation would be \$22 as he had to cut through a 10" concrete wall to allow ingress and exit for the pipes.

The total cost will therefore be \$680.00 for the softeners, \$55.15 for the connections (wholesale price f.c.b. St. Paul,) and \$22 for installation, a total of \$757.15.

It is evident that the word "complete" conveyed an erroneous impression to you which was not intended, as Bell & Morris could not tender on the whole installation without visiting the School, 330 miles from Calgary. This would have raised their tender, making the total cost much more than it will now aggregate.

I might add that while negotiations were pending, we viewed a "complete" water softener but unconnected with any water system. This may have been the reason for the use of that word.

I trust that this explanation is satisfactory.

Your obedient servant,

D. W. Hoover

Engineer-In-Charge.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

Copy for Department of Indian Affairs.

PLEASE SEND YOUR REPLY TO
THE ENGINEER-IN-CHARGE
INDIAN
WATER POWER AND HYDROMETRIC BUREAU
CALGARY, ALTA.
L/F



DEPARTMENT OF THE INTERIOR
CANADA

PLEASE REFER TO ONE SUBJECT IN A
LETTER, AND IN YOUR REPLY QUOTE
4811.
FILE NO.....

DOMINION WATER POWER AND HYDROMETRIC BUREAU

CALGARY, ALTA. January 3, 1936.

Blue Quills Indian School

Sir,-

Pursuant to your instructions dated November 13, 1935, I purchased two Duro water softeners from Bell & Morris of Calgary for use in the above named school.

The softeners arrived in St. Paul de Metis, Alberta, three miles from the school, about December 14. I received a letter from Mr. W. E. Gullion, Saddle Lake Indian Agency, Saddle Lake, Alta., stating this fact.

I have been waiting for advice from Father Angin, the Principal, or from Mr. Gullion advising me of the arrival of certain other material including valves, tees, gates, etc. which was subsequently ordered for use as connections with the main pipe. I am quite sure that this material arrived some time ago but the Principal has not as yet advised me of its arrival.

Enc.

I do not wish to delay any longer and am consequently sending the invoice of the softener in quadruplicate.

Mr. Gullion has stated that the softener has arrived. Consequently I will not need to make a special trip to certify its arrival.

Meanwhile, I will repeat my request of Dec. 18 to the two officials concerned by to-day's mail to certify the arrival of the remainder of the material.

I would therefore recommend that a cheque for \$680 be sent to Bell & Morris, Calgary, Alta., in payment of the softeners.

Your obedient servant,

The Director,
Water Power & Hydrometric Bureau,
Department of the Interior,
Ottawa.

Engineer-In-Charge.

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

PLEASE ADDRESS YOUR REPLY TO
THE DIRECTOR OF DOMINION WATER POWER
AND HYDROMETRIC BUREAU
DEPARTMENT OF THE INTERIOR
OTTAWA, CANADA

MFC:HMD.



118-1-5
DIRECTOR, J. T. JOHNSTON, C.E., M.E.I.C.
ASST. DIRECTOR, V. MEEK, B. Sc., M.E.I.C.

PLEASE REFER TO ONE SUBJECT IN A
LETTER, AND IN YOUR REPLY QUOTE
FILE NO. 41167-W.

DEPARTMENT OF THE INTERIOR
CANADA
DOMINION WATER POWER AND HYDROMETRIC BUREAU

Your file 118-1-5.

OTTAWA, ONT.

January 13th, 1936.

R

JAN 14 1936

A. F. MacKenzie
Sir,-

With reference to the installation of a water softener at Blue Quills Indian Residential School authorized by your letter of September 3rd last, I enclose herewith, in quadruplicate, the account of Bell and Morris, for the duplicate water softener, amounting to \$680.00, together with Mr. Hoover's accompanying letter of the 3rd instant.

File 3907
It was not quite clear from Mr. Hoover's letter what was covered by the account herewith and he was accordingly asked to state what other expenditures were required and what arrangement had been made for connecting the softener and placing it in service. Mr. Hoover's reply of the 9th instant is attached, which gives full information on this point. I beg to recommend, therefore, that the enclosed account for \$680.00 be paid forthwith.

Encs.

Your obedient servant,

J. T. Johnston,
Director.

A. F. MacKenzie, Esq.,
Secretary,
Department of Indian Affairs,
O t t a w a.

J. T. Johnston

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

COPY.

Saddle Lake, Alta.,
Jan. 7, 1936.

Sir,-
Re Blue Quills Indian School.

Referring to your letter No. 4811 of the 3rd inst. addressed to Rev. Father Angin, copy of which was sent to me, I beg to advise you that all of the materials shipped by Bell & Morris, Calgary, were received and I arranged to have Mr. Desmarais commence the installation of the water softeners on the 2nd instant.

Your obedient servant,

(sd) W.E. GULLION.
Indian Agent.

O. H. Hoover, Esq.,
Engineer-in-Charge,
Dom. Water Power Bureau,
Calgary, Alta.

St. Paul, Jan. 8th 36.

Dear Mr. Hoover,-

All the material shipped by Bell and Morris from Calgary and such as stated in your previous letter No. 4811, has been received in good condition. I advised Mr. Gullion of this last December 31st and I supposed you were informed already. If however Mr. Gullion has not informed you about this, I state you can pay at once Bell and Morris, as all this material has been received.

I must say also that Mr. Desmarais of St. Paul is fixing up just now the water-softeners, and expects to complete the work to-day or tomorrow.

Yours truly,

(sgd) H. Angin.

Indian Affairs, School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

Copy for Dept. of Indian Affairs.

PLEASE ADDRESS YOUR REPLY TO
THE ENGINEER-IN-CHARGE
DOMINION
WATER POWER AND HYDROMETRIC BUREAU
CALGARY, ALTA.



DEPARTMENT OF THE INTERIOR
CANADA

PLEASE REFER TO ONE SUBJECT IN A
LETTER, AND IN YOUR REPLY QUOTE
FILE NO. 4911

L-F

DOMINION WATER POWER AND HYDROMETRIC BUREAU

CALGARY, ALTA. January 10, 1936.

Blue Quills Indian School

Sir,-

With further reference to my letter of 9th instant I am enclosing an invoice in triplicate of the extra materials such as piping, valves, etc.

Receipt of the materials at the School has now been vouched for by Mr. Gullion and Father Angin as per the enclosed copies of letters received from them at this office today.

Encs. Full explanation has been given in my letter of the 9th instant.

This bill of \$55.15 is subject to a discount of 2% if paid for within 30 days after shipment (Dec. 19) according to the quotation received from Bell & Morris and on file in this office. The discount therefore amounts to \$1.10.

I would recommend, therefore, that a cheque be sent to Bell & Morris, Calgary, for \$55.15 less \$1.10 or \$54.05, if paid before Jan. 18.

Mr. Demarais, as you will note from Father Angin's letter, is now finished, and I should receive his account of \$22.00 within a few days.

Your obedient servant,

Engineer-In-Charge.

The Director,
Water Power & Hydrometric Bureau,
Department of the Interior,
Ottawa.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

BELL & MORRIS

MANUFACTURERS AND WHOLESALE
MERCHANTS

IRONFOUNDERS AND ENGINEERS

AGENTS FOR
DIXON & CORBITT WIRE CABLE
CANADA CARBIDE
STAR WINDMILLS AND HOOSIER PUMPS
G. W. SADLER BELTING CO. LTD.
TRUSCON STEEL
THE RUBEROID CO.
DUNDEE BRATTICE CLOTH

CALGARY, 19th December 1935
CANADA

RAILROAD AND MINING SUPPLIES
OIL AND WATER WELL SUPPLIES,
PLUMBING AND STEAMFITTING SUPPLIES
GAS AND WATER WELL CASING
PIPE VALVES AND FITTINGS
GAS ENGINES AND EQUIPMENT
ROAD MACHINERY

SOLD TO Department of the Interior,
ADDRESS Water Power & Hydrometric Bureau,
SHIPPED TO Calgary.

VIA Blue Quill Indian School, St. Paul de Metis TERMS

OUR NO.	27839	CUSTOMER'S NO.	4811	ORDERED BY				
60	ft. 1 1/2" Galv. Pipe @ 20.66 2/3							12.40
20	ft. 1" " " @ 15.25							3.05
1	2" Jenkins Gate Valve @ 7.91							7.91
2	2 x 2 x 1 1/2 Galv. Tee @ 90 1/2							1.81
2	1 1/2 x 1 x 1 do @ 46 1/2							.92
2	1 1/2" do @ 41 1/2							.83
2	1 1/2" Plugs @ 6 1/2							.13
2	1 1/2" Jenkins Gate Valves @ 4.01							8.02
4	1 1/2" Galv. Elbows @ 36 1/2							1.45
12	1" do @ 24 1/2							2.90
4	1" Std. Gate Valves @ 2.33 3/4							9.35
4	1" Galv. Unions @ 43 3/4							1.75
2	2" do @ 100 1/2							2.01
4	2 x Asstd. Galv. Nipples @ 26 3/4							1.07
12	1 x " " " @ 12 1/2							1.55
								55.15

CERTIFIED CORRECT.
P.O. Gietterly

Goods Received
Work Performed
Prices Fair and Just
D.M. Hoove

CONDITIONS OF SALE—Goods guaranteed only to the extent of supplying new parts for any found defective in manufacture. Not liable for delays or damages due to causes beyond our control. All shipments at Buyer's risk. Goods must not be returned without our permission. All Claims must be made within Five Days after receipt of goods. Prices subject to change with or without notice.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

BELL & MORRIS

MANUFACTURERS AND WHOLESALE
MERCHANTS

IRONFOUNDERS AND ENGINEERS

AGENTS FOR
DIXON & CORBITT WIRE CABLE
CANADA CARBIDE
STAR WINDMILLS AND HOOSIER PUMPS
G. W. SADLER BELTING CO. LTD.
TRUSCON STEEL
THE RUBEROID CO.
DUNDEE BRATTICE CLOTH

CALGARY,
CANADA

19th December 1935

*RAILROAD AND MARINE SUPPLIES
OIL AND WATER WELL SUPPLIES
PLUMBING AND STEAMFITTING SUPPLIES
GAS AND WATER WELL CASING
PIPE VALVES AND FITTINGS
GAS ENGINES AND EQUIPMENT
ROAD MACHINERY

SOLD TO Department of the Interior,
ADDRESS Water Tower & Hydrometric Bureau,
SHIPPED TO Calgary.

VIA Blue Hill Indian School, St. Paul de Metis TERMS

OUR NO.	27636	CUSTOMER'S NO.	4611	ORDERED BY				
60	ft. 1" Galv. Pipe @ 20.70							12.40
80	ft. 1" " @ 15.25							3.06
1	2" Jenkins Gate Valve @ 7.01							7.01
2	2 x 2 x 1 1/2 Galv. Tee @ 7.01							1.81
2	1 1/2 x 1 x 1 do @ 4.60							.92
2	1" do @ 4.14							.83
2	1" Flugs @ 6.25							.15
2	1" Jenkins Gate Valves @ 4.01							8.02
4	1" Galv. Elbows @ 3.62							1.45
12	1" do @ 2.48							2.90
4	1" Std. Gate Valves @ 2.33							9.36
4	1" Galv. Unions @ 4.33							1.75
2	2" do @ 1.00							2.01
4	2 x Ass'd. Galv. Nipples @ 2.67							1.07
12	1 x " " @ 12.42							1.56
								55.15

TRIPPLICATE FOR FILE
20-1-36
Voucher in duplicate detached
for forwarding to the
Goods Received
Work Performed
Prices Fair and Just

CERTIFIED CORRECT
P. A. Gentry

CONDITIONS OF SALE—Goods guaranteed only to the extent of supplying new parts for any found defective in manufacture. Not liable for delays or damages due to causes beyond our control. All shipments at Buyer's risk. Goods must not be returned without our permission. All Claims must be made within Five Days after receipt of goods. Prices subject to change with or without notice.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

PLEASE ADDRESS YOUR REPLY TO
THE DIRECTOR OF DOMINION WATER POWER
AND HYDROMETRIC BUREAU
DEPT OF THE INTERIOR
OTTAWA, CANADA.

MFC:HMB.



118-1-5
DIRECTOR, J. T. JOHNSTON, C.E., M.E.I.C.
ASST. DIRECTOR, V. MECK, B. Sc., M.E.I.C.

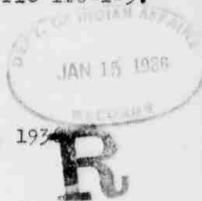
PLEASE REFER TO ONE SUBJECT IN A
LETTER, AND IN YOUR REPLY QUOTE
FILE NO. 41167-W.

Your file 118-1-5.

DEPARTMENT OF THE INTERIOR
CANADA
DOMINION WATER POWER AND HYDROMETRIC BUREAU

OTTAWA, ONT..

January 14th, 1938



*Immediate
Action*
Sir,-

In further reference to my letter of the 13th instant, I enclose herewith, in quadruplicate, the account of Bell and Morris, for pipes, valves and other fittings supplied in connection with the water softener installed in the Blue Quills Indian School. There is also enclosed a covering letter from Mr. Hoover of the 10th instant and copies of letters from the Indian Agent and the school principal certifying that the material has been received at the school in good condition.

I beg to recommend that this account be paid forthwith to take advantage of the 2% discount.

Your obedient servant,

J. T. Johnston,
Director.

J. T. Johnston

Encl.
—

A. F. MacKenzie, Esq.,
Secretary,
Department of Indian Affairs,
O t t a w a.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

CALGARY POWER COMPANY, LIMITED

HEAD OFFICE, 244 ST. JAMES ST.
MONTREAL

CALGARY OFFICE
INSURANCE EXCHANGE BUILDING

EDMONTON OFFICE
COMMERCIAL BUILDING

CALGARY, ALBERTA

January 9th, 1936



Mr. M. Christianson
Department of Indian Affairs
507 Calgary Public Bldg.
Calgary, Alta.

Dear Sir:

This will confirm our conversation of this morning that we are prepared to reduce our demand charge at present in effect for your Blue Quills Indian School at St. Paul, from \$16.00 per month to \$10.00 per month. This will be on the basis of \$1.00 per K.V.A. of demand per month and so far your demand has not exceeded 10 K.V.A. This will automatically reduce the number of kilowatt hours for which you pay at the higher rate, which is 12¢ per kilowatt hour for Commercial usage and 6¢ per kilowatt hour for Power purposes. This will effect a saving of something over 10% on the basis of year 1935 accounts.

We should be glad to have you advise us in this matter after you have had an opportunity to consider it.

Yours truly,

CALGARY POWER COMPANY LIMITED.

A. B. Sherman
Operating Superintendent.

HBS/MM

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA



DEPARTMENT OF INDIAN AFFAIRS
CANADA

INSPECTOR'S OFFICE

PB CALGARY, ALTA., January 13th, 1936.

118-1-5-



R

IN YOUR REPLY REFER TO
NO. 407-11A.
ALSO TO DATE OF THIS LETTER

Sir:

I beg to acknowledge receipt of Department's letter No. 118-1-5 of the 30th ultimo in connection with the request of the Principal of Blue Quills Indian Residential School to take up with the Calgary Power Company the matter of having a reduction made in the charges for electric energy used at the School.

Immediately upon receipt of your letter I interviewed the Manager of the Calgary Power Company and he promised to have the matter looked into at once. I had two or three meetings with Mr. Sherman, the Operating Superintendent of the Company, with the result that they have made a reduction of 10%, which will mean a saving of approximately \$100.00 - \$120.00 per year, figuring on the amount of energy used there last year. This is the very best rate I could obtain, and I trust it will be satisfactory. For your information I am attaching a letter which I have received from Mr. Sherman.

Your obedient servant,

M. Christianson,
Inspector of Indian Agencies,
Alberta Inspectorate.

The Secretary,
Department of Indian Affairs,
O T T A W A .

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.

Ottawa, January 20, 1936.

Rev. Sir:

With reference to your letter of the 13th ultimo, regarding the charges for electric service and power supplied by the Calgary Power Company for use at the Blue Quills Indian Residential School, I have to inform you that Mr. Inspector Christianson has taken up this matter with the Power Company.

Mr. Christianson now informs the Department that the Calgary Power Company will reduce their charge from \$16.00 per month to \$10.00 per month. This will be on the basis of \$1.00 per K.V.A. of demand per month and so far your demand has not exceeded 10 K.V.A. This will automatically reduce the number of Kilowatt hours for which you pay at the higher rate, which is 12¢ per kilowatt hour for Commercial usage and 6¢ per kilowatt hour for Power purposes. This will effect a saving of something over 10% on the basis of the 1935 accounts.

It is hoped that these rates will be satisfactory.

Yours truly,

A. F. MacKenzie,
Secretary.

J.P.
AM
Rev. Jos. Angin, O.M.I.,
Principal,
Blue Quills Indian Res. School,
Saint Paul, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.

Ottawa, January 20, 1936.

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It is hoped that these rates will be satisfactory.

Yours truly,

A. F. MacKenzie,
Secretary.

J.P.
MM
Rev. Jos. Angin, O.M.I.,
Principal,
Blue Quills Indian Res. School,
Saint Paul, Alta.

Indian Affairs. School Files.

(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

113-1-5.

Ottawa, January 20, 1936.

Dear Sir:

I have your 407-11A of the 13th instant, enclosing a communication from the Operating Superintendent of the Calgary Power Company Limited regarding a reduction in the charge for electric energy supplied the Blue Quills Indian Residential School.

In this connection I have to say that the Reverend Principal is being informed in accordance with the contents of the above letter. It is hoped that the rates obtained will be satisfactory to the school authorities.

Yours truly,

A. F. MacKenzie
A. F. MacKenzie,
Secretary.

J.P. - M.C.
M. Christianson, Esq.,
Inspector of Indian Agencies,
Calgary, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Blue Quill Ind. Res. School, 118-1-5
Saint-Paul, Alta.

R

January 27th 1936

To Mr. McKenzie, Esq.
Secretary,
Department of Indian Affairs,
Ottawa.

Sir,

I have received your letter No 118-1-5, of last Jan. 20th,
concerning the rate of the electric service and power from
the Calgary Power Co and in favor of the Blue Quill School
and may say that I am satisfied with the new rate.

I thank you for having obtained a reduction in the charge
and I beg you to accept my compliments.

Yours truly,

James Ross

Rev. Jos. Ansin,
Principal.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Form CA-13-750-12-33

BRANCH OF CRANE LIMITED
MONTREAL

MEMORANDUM OF DEBIT FROM CRANE LIMITED, CALGARY

LEDGER FOLIO

TO Dept. of Indian Affairs,
Ottawa, Canada.

No.

CALGARY, Jan. 16/36 193

WE DEBIT YOUR ACCOUNT AS FOLLOWS:

Our invoice December 27th, 1935

Register E11543

Prepaid freight charges as per receipted bill
attached.

.69

NET CASH

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY



Vote No.

Treaty No. 6

DEPARTMENT OF INDIAN AFFAIRS

To Crane Limited,

SADDLE LAKE AGENCY

Edmonton,

Alta.

DATE	SERVICE	AMOUNT
1935		
Dec. 31	To material supplied to Blue Quill's Indian Residential school as per statement attached. 2 septic tank quarter bends @ \$5.70 Freight charges prepaid	11 40 69
		TOTAL. 12 09

TRIPPLICATE FOR FILE
4-2-36
Voucher in duplicate attached
for accountants to pay



Rept. Attached #118-1-5 - Sept. 21-35

Allot. 243

Vr. No. 424

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just; also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

A. Sullivan
Agent

FORM No. 506

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5

Letter No. 407-11A.



Office of the Inspector of Indian Agencies

Calgary, January 30th, 1936.



Saddle Lake
I enclose herewith Vouchers Nos. 424

amounting to \$12.09 in favour

of Crane, Ltd., Edmonton, Alta.

for Material supplied to Blue Quills Indian
Res. School as per invoice attached.

This expenditure was authorized by Departmental

Letter No. 118-1-5 dated Sept. 21st, 1935.

ALLOTMENT NO. 243

Your obedient servant,

Inspector,
~~Post Office Agent.~~
Alberta Inspectorate.

The Secretary,
Department of Indian Affairs,
Ottawa.

Form No. 101

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

COPY

DEPARTMENT OF INDIAN AFFAIRS - CANADA

Office of Indian Agent,
Saddle Lake, Alberta,
January 24th, 1936.

F-85

Sir:

With reference to your letter No. 407-11A of the 17th instant in regard to work done at the Blue Quills Indian Residential School, I beg to submit the following in connection with work done there:-

Buildings erected:

One frame granary 24' x 50' on cement foundation and supports, with fanning mill compartment, bins for wheat oats and barley, complete cost being: Material-\$720.33, Labour-\$225.00- \$945.33

Chicken house, 15' x 40' on cement foundation, 2 compartments, &c., Cost of material-\$487.75, Labour-\$190.- \$677.75

TOTAL cost of two buildings \$1623.08

The buildings are both well constructed.

Re Septic Tank:- Tanks were cleaned and necessary changes made in the septic tank as recommended by Mr. D. B. Menzies, Provincial Sanitary Engineer, in order to allow for proper ventilation of the system. The screen originally used between the septic tank and pump chamber was taken out, the screen opening closed and the overflow elbows put in to replace the screen which was unsatisfactory. While the account for this has not yet been submitted by Mr. Dubois who did the work, the cost of material and labour will be \$125.00.

Re Water Softener:- Water softeners have been installed. Mr. Desmarais of St. Paul, Alta., doing this work for \$22.00. As I did not receive a copy of the account for material am unable to give the total cost in this case. The water softeners have been placed in the South West corner of the boiler room the installation being made according to plan accompanying the softeners. The main pipe was tapped between the pump and pressure tank the go and return pipes being installed from that point, through the wall between the pressure tank compartment and the boiler room to the tanks. Mr. Desmarais made a good job of the installation.

Your obedient servant,

M. Christianson, Esq.,
Inspector of Indian Agencies,
CALGARY, Alta.

"W. E. GULLION,"

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA



DEPARTMENT OF INDIAN AFFAIRS
CANADA

INSPECTOR'S OFFICE

PB CALGARY, ALTA., February 1st, 1936.

IN YOUR REPLY REFER TO

No. 407-11A.

ALSO TO DATE OF THIS LETTER

Dear Doctor McGill:

I beg to report on the activities at Blue Quills Indian Residential School during the past summer in the way of buildings, repairs, &c. I am attaching hereto copy of a letter from Mr. Gullion, the Indian Agent, showing that the granary and chicken house have now been completed. The water softener has also been installed, and the odour from the sewer has been attended to. The change in this connection was recommended by Mr. D. B. Menzies, Provincial Sanitary Engineer, and I hope it will now be satisfactory. I thought you would be interested in knowing just how this matter stood.

Your obedient servant,

M. Christianson,
Inspector of Indian Agencies,
Alberta Inspectorate.

Doctor Harold W. McGill,
Deputy Superintendent General,
Department of Indian Affairs,
O T T A W A .

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5

FEB 4 1936

February 4th. 1936.

Dear Mr. Christianson,

I have to acknowledge the receipt of your letter of the 1st. February with regard to the improvements in the way of buildings and repairs at the Blue quills Residential school.

Mr. Gullion's report sets out the work undertaken in detail and I have passed it on to the Architect and Schools Branch.

Yours very truly,

Howell

Deputy Superintendent General.

M. Christianson, Esq.,

Inspector of Indian Agencies,

Calgary, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

St. Paul, Alberta,
Jan. 30th, 1936

Dear Sir.

I am sending you my bill for the work I have done at the Industrial school at St. Paul. Emptying the septic tank and hauling the stuff about half a mile from the school. Cost for this work is \$75.00. And the other work installing two bent pipes in the septic tank, and filling the discharge pipe outlet. And filled a hole 4 ft by 3 ft with waterproof cement. The cost for this work is \$37.90. Total cost \$112.90. This work was done following the plan and explanations

Yours Truly
Jeffrey Dubois

Indian Affairs, School Files,
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

118-1-d-



CANADA

DEPARTMENT OF INDIAN AFFAIRS

Vote No.
Treaty No. 6

To Jeffery Dubois,
St. Paul,
Alta.

DATE	SERVICE	AMOUNT
1936		
Feb. 5	To work performed at the Blue Quill's Indian Residential School-St.Paul. Emptying and cleaning out Septic tank and pump chamber; removing overflow screen and closing screen gap with waterproofed cement; installing two elbows(overflow) as per statement attached.....	112 90
Authority; Mr. Inspector Christiansons' letter No. 407-11A, dated Oct. 5, 1935.		
Voucher No. 437		
TOTAL.		112 90

TRIPPLICATE FOR FILE
13.2.36

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just; also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

Christianson
Agent

FORM No. 506

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

DEPARTMENT OF INDIAN AFFAIRS.

To E. U. Desmarais,

St. Paul, Alta.

1936.
March 17. To labor installing water softener, Blue
Quill Indian Residential School, as
per statement attached.

22.85

Voucher No. 460.

Goods Received
Work Performed
Prices Fair and Just.

W. E. Gullion.

22.85

CERTIFIED CORRECT.

P. A. Felterly

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

DEPARTMENT OF INDIAN AFFAIRS.

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St.Paul,Alta.

1936.
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Quill Indian Residential School, as
per statement attached. 22.85

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Goods Received
Work Performed
Prices Fair and Just.

W.E.Gullion.

22.85

CERTIFIED CORRECT.

P.A. Fetterly

W.H. Douc

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA



STATEMENT

St. Paul, Alta. *Feb. 21st* 19*36*

M. Blue Mills Industrial School
St. Paul Alta.

IN ACCOUNT WITH
E. U. DESMARAIS
TINSMITH
HOT AIR FURNACES

PHONE 78

To	Acct. Rendered		
	<i>30 1/2 hrs. labor (2 men)</i>	<i>at \$1.50</i>	<i>per hr.</i>
	<i>installing water softener</i>		
	<i>at B. L. School</i>	<i>@ 37 1/2 cts</i>	<i># 22 85.</i>
		<i>per hr.</i>	
	<i>E. U. Desmarais</i>		
	<i>PAID</i>		
	<i>P. A. Fetterly</i>		

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY



Vote No.

Treaty No. 5

DEPARTMENT OF INDIAN AFFAIRS

To S. H. Jones, Esq.

St. Paul,

Alta.

DATE 1936	SERVICE	AMOUNT
Apr. 17	To labor installing water softener, live mill Indian residential school, see per statement attached.	82 05
<p>INDICATE FOR FILE 31-3-36 Voucher No. 460 attached for Accountant to pay.</p>		
	<p><u>W. H. Moore</u> Agent</p>	
	<p><u>P. A. Fetterly</u> Agent</p>	
	Voucher No. 460	TOTAL 82 05

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just; also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

W. H. Moore
Agent

FORM No. 506

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

COPY.

St. Paul, Alta., Feb. 21st. 1936.

Blue Quills Industrial School

St. Paul, Alta.

In account with

E. U. Desmarais.

30½ hrs. labour (2 men)
installing water softener
at Blue Quills School @ 37½¢ each \$22.85
per hr.

(594) E. U. Desmarais.

Goods Received
Work Performed
Prices Fair and Just.

J. H. Moore

CERTIFIED CORRECT

P. A. Fetterly

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

COPY.

St. Paul, Alta., Feb. 21st. 1936.

Blue Quills Industrial School

St. Paul, Alta.

In account with

E. U. Desmarais.

30½ hrs. labour (2 men)
installing water softener
at Blue Quills School @ 37½¢ each \$22.85
per hr.

(*Sept*) E. U. Desmarais.

Goods Received
Work Performed
Prices Fair and Just.

W. H. Hooper

CERTIFIED CORRECT

P. A. Fetterly

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

COPY.

Saddle Lake, Alta.,

March 20, 1936.

Sir,-

I beg to enclose herewith in triplicate, Voucher No. 460 amounting to \$22.85 in favor of Mr. E. U. Desmarais, St. Paul, Alta., for work performed installing water softener at the Blue Quills Indian Residential school. Two men were employed, their time being 30½ hours.

I might say that the work was satisfactorily performed. I called at the school a week ago and the system was working satisfactorily.

Your obedient servant,

W. E. GULLION.
Indian Agent,

O. H. Hoover, Esq.,
Engineer-In-Charge,
Dom. Water Power Bureau,
Calgary, Alta.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

MMS/COPY.

File No. 4811.

L/F.

Ref. 141667 W.

Department of the Interior
Canada

Dominion Water Power and Hydrometric Bureau

Calgary, Alta., March 27, 1936.

Sir,-

Blue Quills Indian School.

With further reference to my letter of Jan. 10 I am enclosing invoice in triplicate of E.U.Desmarais for installation of the Water Softener at the above-named school.

I am also sending duplicate copies of a letter from W.E.Gullion, Indian Agent at Saddle Lake, certifying to the success of the installation.

As all of the work appears to have been successfully completed I would recommend that a cheque for \$22.85 be sent to E.U.Desmarais, St.Paul, Alta.

I would suppose this cheque will be dated before April 1, to be within this year's appropriation.

Will you be kind enough to send the appropriate copies of letter and invoices to the Department of Indian Affairs.

Your obedient servant,

Enc.

(Sgd.) O. H. HOOVER,

Engineer-In-Charge.

The Director,
Water Power & Hydrometric Bureau,
Department of the Interior,
Ottawa.

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

PLEASE ADDRESS YOUR REPLY TO
THE DIRECTOR OF DOMINION WATER POWER
AND HYDROMETRIC BUREAU
DEPARTMENT OF THE INTERIOR
OTTAWA CANADA



118-1-5
DIRECTOR, J. T. JOHNSTON, C.E., M.E.I.C.
ASST. DIRECTOR, V. MEEK, B.Sc., M.E.I.C.

EX'D.

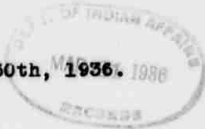
PLEASE REFER TO ONE SUBJECT IN A
LETTER, AND IN YOUR REPLY QUOTE
FILE NO. 41167-W.

FW:MMS.

DEPARTMENT OF THE INTERIOR
CANADA
DOMINION WATER POWER AND HYDROMETRIC BUREAU

Your file 118-1-5.

OTTAWA, ONT. March 30th, 1936. 1936



Johnston
Desmarais
Sir,-

Further in reference to my letters of
January 13th and 14th, I now enclose copy of a letter
dated March 27th received from our engineer in charge
at Calgary, together with account in triplicate of
E.U.Desmarais of St.Paul, Alberta, for \$22.85.

Provided this account meets with your
approval, will you please arrange for the issue of
the necessary cheque in payment therefor and forward
it direct to Mr. Desmarais, St.Paul, Alberta, direct
from your office.

Your obedient servant,

Encl.

J. T. Johnston
J. T. Johnston,
Director.

A. F. MacKenzie, Esq.,
Secretary,
Department of Indian Affairs,
Ottawa, Ontario.

Indian Affairs, School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

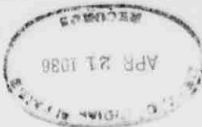


JARL/HIC

Mr. [unclear]
Miss [unclear]

118-1-5

TREASURY OFFICE
DEPARTMENT OF THE INTERIOR



OTTAWA,
CANADA

April 8th, 1936.

BXD.

R

Dear Sir:-

I am enclosing an account in triplicate for \$6.90 received from the Engineer in charge of the Dominion Water Power and Hydro-metric Bureau, Calgary, covering the services of engineers employed on work for the Department of Indian Affairs during the quarter ending March 31st, 1936.

This account has been checked and found correct. Will you please forward a cheque to the credit of the Receiver General for the above amount at your earliest convenience.

Yours truly,

Representative of the Treasury.

N.C. Allen, Esq.,
Representative of the Treasury,
Department of Indian Affairs,
Ottawa.



Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

R.-71

MONTHLY PAY-LIST

DEPARTMENT **INTERIOR**

DOMINION WATER POWER BRANCH

PAY-LIST for month of January, February, March 1936 for General and Special surveys

Chargeable to Department of Indian Affairs.

NAME	SERVICE	DATE OF SERVICE		Lost Time	Net Days	RATE PER		Amount Pay	SIGNATURE or No. of Voucher
		From	To			Month	Day		
<u>Saddle Lake Indian Agency.</u>									
<u>Blue Quills Indian School</u>									
P.A. Fetterly.	January				1/2		6 90	3 45	/
<u>Sturgeon Indian Reserve.</u>									
<u>Sturgeon River Bridge</u>									
P.A. Fetterly.	March.				1/2		6 90	3 45	/

66

VOTE.....
 AGENCY.....
 ALLOT.....E. R.....
 Materials Supplied
 Services Performed
 Prices Fair and Just.
 Approved for Payment.
P.A. Fetterly
 Engineer

AUDITED FOR PAYMENT
 APR 20 1936
 ACCOUNTS BRANCH
 DEPT. INDIAN AFFAIRS

DUPLICATE FOR FILE
 14-4-36
 Voucher in duplicate detaché
 for amount to cash.
P.A. Fetterly

TOTAL 6 90

I hereby certify that the above Pay-list is correct and just in all respects, and was incurred on Government business.

Dated at Calgary, Alta., April 4, 1936.

P.A. Fetterly
 Inspecting Engineer. ~~Engineer-in-Charge.~~

Indian Affairs. School Files.
 (RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
 ARCHIVES PUBLIQUES
 CANADA

118-1-5



DEPARTMENT OF INDIAN AFFAIRS
CANADA



INSPECTOR'S OFFICE

PB CALGARY, ALTA., July 3rd, 1936.

IN YOUR REPLY REFER TO
407-11A.
NO. ...
ALSO TO DATE OF THIS LETTER

R

Sir:

I beg to bring to your attention that it was my intention to inspect the Blue Quills School in the Saddle Lake Agency before the holidays, but owing to the pressure of work I was unable to do this.

The Principal has been asking for a pig pen for several years: Is there any provision for this in the Estimates? I shall also be glad to know if anything was provided for interior decorating and small repairs, &c., that I could attend to before I leave for the North.

*Miscellaneous
Reports # 302*

Your obedient servant,

M. Christianson,
Inspector of Indian Agencies,
Alberta Inspectorate.

The Secretary,
Department of Indian Affairs,
OTTAWA.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

116-1-5.

EX 5.

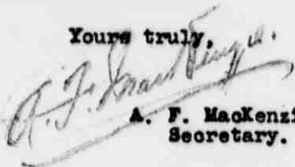
Ottawa, July 7, 1936.

Dear Sir:


With reference to your letter of the 3rd instant, the Department was unable to provide the funds required for the pig pen at the Blue Quills Indian Residential School.

We have an item in this year's Appropriation of \$300 for miscellaneous repairs at this school. You may arrange for the expenditure of this amount in whatever manner you consider most necessary.

Yours truly,



A. F. MacKenzie,
Secretary.



M. Christianson, Esq.,
Inspector of Indian Agencies,
Calgary, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5



DEPARTMENT OF INDIAN AFFAIRS
CANADA



IN YOUR REPLY REFER TO
NO. **407-11A.**
ALSO TO DATE OF THIS LETTER

[Handwritten signature/initials]

INSPECTOR'S OFFICE

PB CALGARY, ALTA., August 10th, 1936.

R

Sir:

I beg to bring to your attention, in connection with Blue Quills School, that the Principal is asking for the following expenditure, which I trust will be given due consideration:

- 10 - Gallons of White paint for interior,
- 2 - gallons of oil,
- 1 - gallon of turpentine,
- 45 - gallons of D.B.Laccl, a Dustbane product for floors,
- 1 - gallon varnish for battleship linoleum,
- 14 - congoleum rugs, 12' x 9' to place in the staff's rooms.

Your obedient servant,

[Handwritten signature of M. Christianson]

M. Christianson,
Inspector of Indian Agencies,
Alberta Inspectorate.

The Secretary,
Department of Indian Affairs,
O T T A W A .

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

116-1-5.

EX'D.

Ottawa, August 15, 1936.

Dear Sir:

The Department has received your letter of the 10th instant, with reference to a request that you received from the Principal of the Blue Quills Indian Residential School.

In this connection I would refer you to official letter of the 7th ultimo, in which you were informed that \$300 was available in the current year's Appropriation.

You may arrange for the expenditure of this amount in whatever manner you consider most necessary.

Yours truly,

T. R. L. MacInnes
T. R. L. MacInnes,
Acting Secretary.

M. Christianson
M. Christianson, Esq.,
Inspector of Indian Agencies,
Calgary, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES,
CANADA

118-1-5

BUREAU OF LABOUR



ALBERTA



REFER TO FILE

H. G. ALEXANDER,
BOILER INSPECTOR,
BOX 194,
VEGREVILLE, ALTA.

31st August 1936

Schroeder

Secretary
Department of Indian Affairs
Ottawa
Canada.



Dear Sir

Please find account enclosed for
issuing of Inspection Certificates for boilers in
the Blue Quill Indian School at St Paul,
Alberta.

I would beg to bring to your notice the
condition of the heating boilers in this school,
the feed water used leaves a reddish deposit in
the boilers, which may cause pitting of the surfaces
of tubes + interior of boiler, one of the tubes has a deep
pit in it now therefore I believe it would be
advisable to have a few spare tubes on hand at
the school.

Yours very truly
H. G. Alexander
Boiler Inspector

P.S. Tubes are 3" diam x 12' full length.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.

EX'D.

Ottawa, September 11, 1936.


Dear Sir:

I beg to refer you to official letter dated July 7th, last, informing you of the appropriation available for miscellaneous repairs at the Blue Quills Indian Residential School.

The Provincial Boiler Inspector, in a report on his recent inspection of the boilers at this school, states that the feed water used leaves a reddish deposit in the boilers, which may cause pitting of the surfaces of tubes and interior of boiler. He states it would be advisable to have a few spare tubes on hand at the school. The tubes are 3" in diameter by 12 ft. in length. If you consider that it would be advisable to have an extra supply of tubes on hand, you may arrange for the purchase of same - the cost to be taken from the amount available, as stated above.

Yours truly,


A. F. MacKenzie,
Secretary.


M. Christianson, Esq.,
Inspector of Indian Agencies,
Inspector's Office,
Calgary, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES,
CANADA

118-1-5

CALGARY POWER COMPANY, LIMITED

HEAD OFFICE: 244 ST. JAMES STREET
MONTREALCALGARY OFFICE
INSURANCE EXCHANGE BUILDING

CALGARY, ALBERTA

September 9th, 1936.



Secretary,
Department of Indian Affairs,
Ottawa, Canada.

Dear Sir:-

We have recently disposed of our electric distribution system and oil engine plant at St. Paul, Alberta, to Canadian Utilities Ltd., who have offices at Calgary, Alberta.

In this connection you will remember that on December 15th, 1930, an agreement was entered into between the Department of Indian Affairs and Calgary Power Co. Ltd., under the terms of which Calgary Power Co. Ltd., in consideration of payment of the sum of \$4,997.00, constructed a line from the Town limits at St. Paul to your Blue Quills Indian School, together with a substation at the School. Under the terms of this agreement, the ownership of this line and substation was retained by the Department of Indian Affairs, which involves replacement of the line, substation, etc. at the end of its useful life. We wish also to point out, that under the terms of the agreement, the Department of Indian Affairs was responsible for the maintenance of this line, etc., although Calgary Power Co. Ltd. has not made any charge to the Department for such maintenance.

We feel that ownership of the line is not of advantage to the Department owing to the annual depreciation and maintenance costs in connection therewith and with this in mind interviewed Mr. Christianson, Inspector of the Department of Indian Affairs at Calgary, and suggested to him that, in consideration of one dollar, you might deem it desirable to transfer ownership of the line etc., to Canadian Utilities Ltd., who we believe would be willing to accept all responsibility for the necessary

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

CALGARY POWER COMPANY

Department of Ind. Affairs.
Ottawa.

LIMITED
-2-

September 9th, 1936.

annual charges on such a basis.

Mr. Christianson requested us to write you in this connection, setting out briefly our suggestion. Would you, therefore, be good enough to let us have a reply at your earliest convenience.

Yours very truly,

CALGARY POWER COMPANY LIMITED.

HBS/WF

H. B. Sherman
Operating Superintendent.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

118-1-5

Ottawa, September 17, 1936.

Dear Sir,-

Enclosed is copy of a letter that has been received from the Calgary Power Company Limited with reference to the power line from the Town limits of St. Paul to the Blue Quills Indian Residential School.

The Department has carefully considered the offer made by the Power Company but we cannot see any real reason why their proposal should be accepted. However, before giving a definite decision in this regard, we would appreciate having your views.

You will note from their letter that the Company claims to have maintained the line since 1930, although, under the terms of the agreement, the Department was responsible for this expenditure. Have you any idea of the approximate amount the Company spent in this regard?

One of the clauses in the original agreement read as follows:-

"14. The Customer further agrees that the Company shall be at liberty during the term of this agreement to use said Tap for the purpose of transmitting electrical energy and power to such consumers as the Power Company shall desire to serve thereby or therefrom, and the Power Company shall pay to the Customer for such use of said Tap such sums as may be agreed upon between the parties hereto and in the event of disagreement the amount so to be paid by the Power Company shall be referred to an Arbitrator to be agreed upon by the parties hereto and in case of disagreement to an Arbitrator to be appointed by a Judge of the Supreme Court of Alberta, and in either case in accordance with and subject to the provisions of the Arbitration Act."

We have no record of any correspondence with the Company since 1930 regarding other consumers using the line for which we paid. Please let me know if the Blue Quills School is the only consumer of power from this line.

Yours truly,

A. F. Mackenzie.
Secretary.


Enc. 1.

M. Christianson, Esq.,
Inspector of Indian Agencies,
Calgary, Alta.

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5

EXD.

Ottawa, September 17, 1936.

ATTENTION:- Mr. H. B. Sherman.

Dear Sir,-

The Department is in receipt of your letter of the 9th instant, with reference to the agreement entered into on December 15th, 1930, between the Department of Indian Affairs and the Calgary Power Company, Limited, in connection with the line from the Town limits of St. Paul to the Blue Quills Indian Residential School.

Inspector Christianson is being written for a report and, on receipt of his reply, the proposal contained in your letter of the 9th instant will be further considered.

Yours truly,

(over)
A. F. MacKenzie.
Secretary.

MacKenzie
Calgary Power Company, Limited,
C a l g a r y, A l t a.

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA



DEPARTMENT OF INDIAN AFFAIRS
CANADA

118-1-5



INSPECTOR'S OFFICE

EA CALGARY, ALTA., September 18th, 1936

IN YOUR REPLY REFER TO

No. 407-11A
ALSO TO DATE OF THIS LETTER

[Handwritten signature]

Sir:

I beg to acknowledge receipt of the Department's letter 118-1-5 of the 11th instant in connection with the tubes for the boiler at Blue Quill School, and that I am to buy this out of the amount that was authorized by the Department sometime ago. In reply I wish to state that this has been spent and I am afraid that the amount expended will come to about \$20.00 more than what was authorized.

It would not be necessary to have many tubes on hand for flues at one time. I would think that if there were approximately a half-dozen on hand that this would meet with any emergency of a flue breaking, and of course, it would not take very long to get them from Edmonton to St. Paul. Therefore if the Department will authorize it, I can arrange the purchase of these.

Yours truly,

[Handwritten signature: M. Christianson]

M. Christianson,
Inspector of Indian Agencies,
Alberta Inspectorate.

The Secretary,
Department of Indian Affairs,
OTTAWA.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.

EX'D.

Ottawa, September 22, 1936.

Dear Sir:


I have your 407-11A of the 18th instant, regarding the supplying of extra tubes for the boiler at the Blue Quills Indian Residential School.

In reply I have to say that you may arrange for the purchase and delivery at the school of one-half dozen tubes, of the dimensions required for the boiler. It is noted that the cost will be in excess of the amount appropriated for this school. It is considered, however, that it would be advisable to have the extra tubes on hand. An account, in triplicate, properly certified, should be forwarded, covering the cost of the extra tubes.

Yours truly,



T. R. L. MacInnes,
Acting Secretary.



M. Christianson, Esq.,
Inspector of Indian Agencies,
Inspector's Office,
Calgary, Alta.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA



DEPARTMENT OF INDIAN AFFAIRS
CANADA

118-1-5
DEPT. OF INDIAN AFFAIRS
SEP 29 1936
RECORDED

IN YOUR REPLY REFER TO
No. 407-11A
ALSO TO DATE OF THIS LETTER

INSPECTOR'S OFFICE

THE CALGARY, ALTA., Sept. 25th, 1936.

Sir:

I beg to acknowledge receipt of the Department's letter 118-1-5 of the 17th inst. in connection with a letter from the Calgary Power Co. advising the Department of the feasibility of transferring the power line to the Canadian Utilities Ltd. for the sum of \$1.00. In this connection I wish to give the Department the following explanation.

We are the only ones that are supplied with above mentioned line from the town limits of Saint Paul to the school.. Under the agreement of erecting the line, I am informed, that we were supposed to keep it in repair and pay for any replacements of poles, etc., and of course, during the past four or five years since it was erected, there have been no replacements, and very few repairs and any work on it in the nature of up-keep has been borne by the Calgary Power Co.

I am however informed that the expense of replacements and repairs only commences after approximately 12 years. The Calgary Power Co. have made some dicker with the Canadian Utilities to take over the lines around St. Paul, which are in the Canadian Utilities' territory, and the Calgary Power Co. is taking over some lines from the Canadian Utilities in some other territory that really belongs to the Calgary Power Co. In other words the Calgary Power Co. have sold their interest in the lines around St. Paul to the Canadian Utilities Ltd.

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
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CANADA

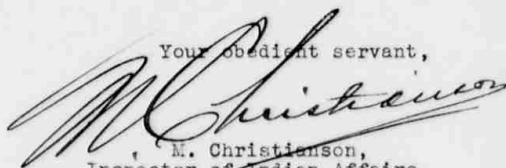
I am now coming to the real point of issue, which is that if we still retain ownership of this line with the new company, they will probably charge us for all repairs made to this line, and when it comes to replacements we will also be charged for all replacements, also material and labor in connection therewith.

If however, we sell or deed the line over to the Canadian Utilities Ltd., they will have to stand the expense of all replacements and repairs on this line.

Therefore, in the opinion of the Calgary Power Co. we would be well advised to turn the line over to the ~~same~~ mentioned ~~above~~, and save all expense of repairs and replacements in connection with the line.

I hope I have made myself clear, but if there is any further information that is required, I shall be glad to furnish it.

Your obedient servant,



M. Christianson,
Inspector of Indian Affairs,
Alberta Inspectorate.

The Secretary,
Dept. of Indian Affairs,
O T T A W A .

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

118-1-5.

October 1, 1936.

MEMORANDUM:

The Honourable the Superintendent General.

A communication has been received from the Calgary Power Company, Limited, Calgary, Alberta, requesting the transfer, for the consideration of \$1.00, to the Canadian Utilities, Limited, of the substation and power line from the town limits of St. Paul, Alberta, to the Blue Quills Indian Residential School.

On December 15, 1930, an agreement was entered into, between the Department and the Calgary Power Company, under the terms of which the Power Company, in consideration of payment of the sum of \$4,897.00, constructed a line from the town limits of St. Paul to the Blue Quills Indian Residential School, together with the erection of a substation at the school. Under the terms of this agreement, the ownership of this line and substation was retained by the Department, which involved maintenance costs and replacement of the line, substation, etc., at the end of its useful life.

Mr. Inspector Christensen supplies the following explanation regarding the request of the Calgary Power Company:-

"We are the only ones that are supplied on above mentioned line from the town limits of Saint Paul to the school. Under the agreement of erecting the line, I am informed that we were supposed to keep it in repair and pay for any replacements of poles, etc., and of course, during the past four or five years since it was erected, there have been no replacements and very few repairs and any work on it in the nature of up-keep has been borne by the Calgary Power Co.

"I am however informed that the expense of replacements and repairs only commences after approximately 12 years. The Calgary Power Co. have made some dicker with the Canadian Utilities to take over the lines around St. Paul, which are in the Canadian Utilities' territory, and the Calgary Power Co. is taking over some lines from the Canadian Utilities in some other territory that really belongs to the Calgary Power Co. In other words the Calgary Power Co. have sold their interest in the lines around St. Paul to the Canadian Utilities Ltd.

"I am now coming to the real point of issue

- which is

Schools

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ARCHIVES PUBLIQUES
CANADA

which is that if we still retain ownership of this line with the new company, they will probably charge us for all repairs made to this line, and when it comes to replacements we will also be charged for all replacements, also material and labour in connection therewith.

"If, however, we sell or deed the line over to the Canadian Utilities Ltd., they will have to stand the expense of all replacements and repairs on this line.

"Therefore, in the opinion of the Calgary Power Co., we would be well advised to turn the line over to the above mentioned Company and save all expense of repairs and replacements in connection with the line."

I may add that this Department has been under no expense for maintenance costs since the power line was installed, and a special rate was obtained from the Calgary Power Company for the power supplied for the use of the school. Should we retain ownership, the Canadian Utilities, Limited, might increase the costs of the power supplied the school, and it may also be necessary to incur expense in renewing poles and for repairs, generally, to the line and substation.

I should be pleased to have your direction, regarding the request for the transfer of the power line and substation to the Canadian Utilities, Limited, for the nominal sum of \$1.00.

Deputy Superintendent General.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.

October 1, 1936.

MEMORANDUM:The Honourable the Superintendent General.-

A communication has been received from the Calgary Power Company, Limited, Calgary, Alberta, requesting the transfer, for the consideration of \$1.00, to the Canadian Utilities, Limited, of the substation and power line from the town limits of St. Paul, Alberta, to the Blue Quills Indian Residential School.

On December 15, 1930, an agreement was entered into, between the Department and the Calgary Power Company, under the terms of which the Power Company, in consideration of payment of the sum of \$4,997.00, constructed a line from the town limits of St. Paul to the Blue Quills Indian Residential School, together with the erection of a substation at the school. Under the terms of this agreement, the ownership of this line and substation was retained by the Department, which involved maintenance costs and replacement of the line, substation, etc., at the end of its useful life.

Mr. Inspector Christianson supplies the following explanation regarding the request of the Calgary Power Company:-

"We are the only ones that are supplied on above mentioned line from the town limits of Saint Paul to the school. Under the agreement of erecting the line, I am informed that we were supposed to keep it in repair and pay for any replacements of poles, etc., and of course, during the past four or five years since it was erected, there have been no replacements and very few repairs and any work on it in the nature of up-keep has been borne by the Calgary Power Co.

"I am however informed that the expense of replacements and repairs only commences after approximately 12 years. The Calgary Power Co. have made some dicker with the Canadian Utilities to take over the lines around St. Paul, which are in the Canadian Utilities' territory, and the Calgary Power Co. is taking over some lines from the Canadian Utilities in some other territory that really belongs to the Calgary Power Co. In other words the Calgary Power Co. have sold their interest in the lines around St. Paul to the Canadian Utilities Ltd.

"I am now coming to the real point of issue

- which is

Schools

Indian Affairs. School Files.
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CANADA

which is that if we still retain ownership of this line with the new company, they will probably charge us for all repairs made to this line, and when it comes to replacements we will also be charged for all replacements, also material and labour in connection therewith.

"If, however, we sell or deed the line over to the Canadian Utilities Ltd., they will have to stand the expense of all replacements and repairs on this line.

"Therefore, in the opinion of the Calgary Power Co., we would be well advised to turn the line over to the above mentioned Company and save all expense of repairs and replacements in connection with the line."

I may add that this Department has been under no expense for maintenance costs since the power line was installed, and a special rate was obtained from the Calgary Power Company for the power supplied for the use of the school. Should we retain ownership, the Canadian Utilities, Limited, might increase the costs of the power supplied the school, and it may also be necessary to incur expense in renewing poles and for repairs, generally, to the line and substation.

I should be pleased to have your direction, regarding the request for the transfer of the power line and substation to the Canadian Utilities, Limited, for the nominal sum of \$1.00.

Deputy Superintendent General.

Indian Affairs. School Files.
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PUBLIC ARCHIVES
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CANADA

POOR COPY

118-1-6.



DEPARTMENT OF INDIAN AFFAIRS
CANADA

OFFICE OF THE
DEPUTY SUPERINTENDENT GENERAL
OTTAWA

October 1, 1936.

MEMORANDUM:

The Honourable the Superintendent General,

A communication has been received from the Calgary Power Company, Limited, Calgary, Alberta, requesting the transfer, for the consideration of \$1.00, to the Canadian Utilities, Limited, of the substation and power line from the town limits of St. Paul, Alberta, to the Blue Quills Indian Residential School.

On December 15, 1930, an agreement was entered into, between the Department and the Calgary Power Company, under the terms of which the Power Company, in consideration of payment of the sum of \$4,997.00, constructed a line from the town limits of St. Paul to the Blue Quills Indian Residential School, together with the erection of a substation at the school. Under the terms of this agreement, the ownership of this line and substation was retained by the Department, which involved maintenance costs and replacement of the line, substation, etc., at the end of its useful life.

Mr. Inspector Christenson supplies the following explanation regarding the request of the Calgary Power Company:-

"We are the only ones that are supplied on above mentioned line from the town limits of Saint Paul to the school. Under the agreement of erecting the line, I am informed that we were supposed to keep it in repair and pay for any replacements of poles, etc., and of course, during the past four or five years since it was erected, there have been no replacements and very few repairs, and any work on it in the nature of upkeep has been borne by the Calgary Power Co.

"I am however informed that the expense of replacements and repairs only commences after approximately 12 years. The Calgary Power Co. have made some dicker with the Canadian Utilities to take over the lines around St. Paul, which are in the Canadian Utilities' territory, and the Calgary Power Co. is taking over some lines from the Canadian Utilities in some other territory that really belongs to the Calgary Power Co. In other words the Calgary Power Co. have sold their interest in the lines around St. Paul to the Canadian Utilities Ltd.

"I am now coming to the real point of issue

- which is

Schools

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CANADA

which is that if we still retain ownership of this line with the new company, they will probably charge us for all repairs made to this line, and when it comes to replacements we will also be charged for all replacements, also material and labour in connection therewith.

"If, however, we sell or deed the line over to the Canadian Utilities, Ltd., they will have to stand the expense of all replacements and repairs on this line.

"Therefore, in the opinion of the Calgary Power Co., we would be well advised to turn the line over to the above mentioned Company and save all expense of repairs and replacements in connection with the line."

I may add that this Department has been under no expense for maintenance costs since the power line was installed, and a special rate was obtained from the Calgary Power Company for the power supplied for the use of the school. Should we retain ownership, the Canadian Utilities, Limited, might increase the costs of the power supplied the school, and it may also be necessary to incur expense in renewing poles and for repairs, generally, to the line and substation.

I should be pleased to have your direction, regarding the request for the transfer of the power line and substation to the Canadian Utilities, Limited, for the nominal sum of \$1.00.

Deputy Superintendent General.

Indian Affairs. School Files.
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PUBLIC ARCHIVES
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CANADA

118-1-5

October 6, 1936.

Memorandum:

Doctor McGill.

With reference to Mr. Christianson's letter of the 23th ultimo regarding the power line supplying current to the Blue Quills Indian Residential School, I see no reason why this power line should be transferred to the Canadian Utilities, Limited.

The power line was built and paid for by the Department and is therefore the property of the Department.

It is of course necessary to pay all costs in connection with the maintenance of the line, but in the event of it being transferred to the Canadian Utilities, Ltd. they would no doubt include in their charges for current a sufficient sum to pay for its maintenance.

It would therefore recommend that Mr. Christianson be advised that the Department is not prepared to transfer the line to the Canadian Utilities, Limited.

Architect for the Department.

Indian Affairs. School Files.
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PUBLIC ARCHIVES
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CANADA

Mr. Christianson



118-1-5

DEPARTMENT OF INDIAN AFFAIRS
CANADA

October 6, 1936.

Memorandum:

Doctor McGill.

With reference to Mr. Christianson's letter of the 25th ultimo regarding the power line supplying current to the Blue Quills Indian Residential School, I see no reason why this power line should be transferred to the Canadian Utilities, Limited.

The power line was built and paid for by the Department and is therefore the property of the Department.

It is of course necessary to pay all costs in connection with the maintenance of the line, but in the event of it being transferred to the Canadian Utilities, Ltd. they would no doubt include in their charges for current a sufficient sum to pay for its maintenance.

It would therefore recommend that Mr. Christianson be advised that the Department is not prepared to transfer the line to the Canadian Utilities, Limited.

*Agreed
H. Murray*

H. Murray

Architect for the Department.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.

Ottawa, October 13, 1936.

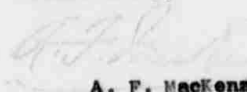
Gentlemen:


Attention: Mr. H. E. Sherman.

I wish to refer, further, to your letter dated September 9th, last, requesting that this Department transfer, to Canadian Utilities, Limited, ownership of the power line from the town limits of St. Paul to the Blue Quills Indian Residential School, for the nominal sum of One Dollar.

After giving your request every consideration, the Department is not prepared to transfer its interest in this power line to the Canadian Utilities, Limited.

Yours truly,


A. F. MacKenzie,
Secretary.


Calgary Power Co., Ltd.,
C a l g a r y,
A l t a.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES,
CANADA

Return to Schools

118-1-5.

Ottawa, October 13, 1936.

Dear Sir:

I have to refer to your 407-11A of the 25th ultimo, regarding the request of the Calgary Power Company, for the transfer of the power line supplying current to the Blue Quills Indian Residential School to the Canadian Utilities, Limited, for the sum of One Dollar.

This request has been given every consideration, and the Department is not prepared to favourably consider the transfer of its interest in the line to the Canadian Utilities, Limited. Mr. Sherman, Operating Superintendent, Calgary, is being informed accordingly. For your information, I enclose a copy of official letter to him of today's date.

Yours truly,

A. F. MacKenzie

A. F. MacKenzie,
Secretary.

Handwritten initials

Encl.

M. Christianson, Esq.,
Inspector of Indian Agencies,
Inspector's Office,
Calgary, Alta.

Indian Affairs. School Files.
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PUBLIC ARCHIVES
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CANADA

BRITISH AMERICA PAINT CO., LTD.

VICTORIA-VANCOUVER-CALGARY-EDMONTON-REGINA

MAKERS OF
"BAPCO"PAINTS, VARNISHES, ENAMELS, STAINS,
WALL FINISHES, DRY COLORS, ETC.

DATE August 24th. 1936.

SHIPPED FROM Edmonton.

OUR ORDER NO. E. 5600

SALESMAN H.J.M.

SOLD TODept. of Indian Affairs,
507 - Public Building,
CALGARY, Alberta.TERMS: LINSEED OIL AND TURPENTINE AS WELL AS
ANY ITEMS MARKED "NET" ARE NOT SUBJECT TO CASH
DISCOUNT. ON OTHER PURCHASES 2% DISCOUNT IS AL-
LOWED IF PAYMENT IS MADE BY 15TH OF MONTH FOLLOW-
ING SHIPMENT. INTEREST AT THE RATE OF 8% CHARGED
ON OVERDUE ACCOUNTS.

CUSTOMER'S ORDER No.

CUSTOMER'S REQ. No.

SHIPPED VIA

10 x 1 Gals.	40 Satin Glo	3.75 gal.	37.50
1 x 1	120 Satin Glo Varnish	4.00	4.00
1 x 1	Turpentine	1.27	<u>1.27</u>
			42.77

No U. C. T.

To Blue Quill Indian School,
St. Paul, Alberta.

E. & O. E.

DO NOT RETURN GOODS WITHOUT FIRST OBTAINING OUR PERMISSION

FORM B 78 - 2 8980 - 10M.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)PUBLIC ARCHIVES
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CANADA

POOR COPY



Vote No.

Treaty No.

DEPARTMENT OF INDIAN AFFAIRS

To **British America Paint Co. Ltd.**

Edmonton,

Alberta.

DATE	SERVICE	AMOUNT
August 24	To Paint etc. supplied to Blue Quill School	42.77
DEPT. AUTHORITY: No 118-1-5 of August 15th, 1936 to M. Christianson.		
TRIPPLICATE FOR FILE 16-10-36 Voucher in duplicate detached for Accountant to pay.		
SADDLE LAKE AGENCY VOUCHER NO. 126		
FORTY TWO AND 77/100- - - - - Dollars		42.77
		TOTAL

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just; also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

M. Christianson

Inspector of Indian Agencies

Agent

FORM No. 506

A. Sullivan
INDIAN AGENT

Indian Affairs. School Files.
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PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

JANITOR SUPPLIES FROM COAST TO COAST

HEAD OFFICE
OTTAWA, ONT.

BRANCHES
ST. JOHN, N.B.
MONTREAL, QUE.
TORONTO, ONT.
WINNIPEG, MAN.
VANCOUVER, B.C.



Dustbane Products Limited

JANITOR SUPPLY DEPARTMENT
349 ELGIN AVE.
WINNIPEG, MAN.
TELEPHONE 88-481

397

REQ. No. _____

ORDER No. _____

DATE OF ORDER Aug. 2 / 36

TERMS: NET 30 DAYS

7% INTEREST CHARGED ON
OVERDUE ACCOUNTS.

SOLD TO Department of Indian Affairs,
Blue quills School,
ST. PAUL : ALBERTA.

SHIP VIA FREIGHT PREPAID WHEN SHIP AT ONCE

DATE SHIPPED

AUG 27 1936

1 45 $\frac{1}{2}$ GAL. DRUM D.B. LACOL @ 2.75 \$ 125.13

(Container included.)

(SALES TAX INCLUDED)

C. ALTA.

FINNELL ELECTRIC FLOOR SCRUBBING & POLISHING MACHINES

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

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POOR COPY



Vote No.

Treaty No.

DEPARTMENT OF INDIAN AFFAIRS

To Dustbane Products Limited

Winnipeg, Man

DATE	SERVICE	AMOUNT
Aug 27	To 45 1/2 Gal. D.B. Lacol for Blue Quills School	125 13
<p>DEPT. AUTHORITY: No. 11801-5 of August 15th, 1936. to M. Christianson.</p> <p>-----</p> <p>TRIPPLICATE FOR FILE 16.10.36 Voucher in duplicate attached for Accountant to pay.</p> <p>SADDLE LAKE AGENCY VOUCHER NO. 127</p> <p>ONE HUNDRED AND TWENTY-FIVE 13/100- - - DOLLARS</p> <p style="text-align: right;">TOTAL, 125.13</p>		

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just; also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

FORM No. 506

M. Christianson
AGENT

M. Christianson
Inspector of Indian Agencies. 11801-5

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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GAULT'S (ALBERTA) LIMITED

WHOLESALE DRY GOODS

REVILLON BUILDING

EDMONTON, ALBERTA

DATE SEPT 18/36

OUR INVOICE NO. 20495

SALESMAN MCCURDY

HOW ORDERED RD

YOUR ORDER NO.

SOLD TO DOMINION GOVERNMENT
DEPT OF INDIAN AFFAIRS
M. CHRISTIANSON
ALBERTA INSPECTORATE
CALGARY, ALTA.

TERMS NET

FORM 26 5M JUNE 1, '36

INTEREST CHARGED AT 6 PER CENT. PER ANNUM IF NOT PAID AT MATURITY

ARTICLE NO.	QUANTITY	DESCRIPTION	QUANTITY	PRICE	EXTENSION	TOTAL
JOS ANGIN, BLUE QUILLS SCHOOL ST. PAUL, ALTA.						
H						
6634	2	ONLY LINO RUGS 7'6 X 9	2	7 95	15 90	
6636	1	" JASPE " "	1		7 95	
4015	1	" LINO RUG " "	1		6 75	
6587	3	" RUGS " "	3	6 75	20 25	
4016	1	" " " "	1		6 75	
4015	1	" " " "	1		6 75	
6632	4	" " 9 X 12	4	12 55	50 20	
6632	1	" " 9 X 9	1		9 45	
6583	1	" " 12 X 13'6	1		16 35	
					140 35	

NO CLAIMS ALLOWED UNLESS MADE WITHIN 3 DAYS OF OUR INVOICE NUMBER. GOODS PERSONALLY SET

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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Vote No.

Treaty No.

DEPARTMENT OF INDIAN AFFAIRS

To Gault's (Alberta) Limited,

Edmonton, Alberta

DATE 1936	SERVICE	AMOUNT	
Sep. 18th	To 15 rugs for Blue Quills School	\$140.	35
DEPT. AUTHORITY: No. 118-1-5 of July 7th, 1936 to M. Christianson.			
<p style="text-align: center;">TRIPPLICATE FOR FILE <i>16-10-36</i> Voucher in duplicate detached for Accountant to pay</p>			
SADDLE LAKE AGENCY VOUCHER NO. 128			
ONE HUNDRED AND FORTY AND 35/100- - - DOLLARS		TOTAL, 140. 35	

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just; also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

M. Christianson
Inspector of Indian Agencies

FORM No. 506

Edmonton
INDIAN AGENT

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)
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118-1-5



EX'D.



Letter No.....

SADDLE LAKE AGENCY

Office of the..... Indian Agency,

E.R.
166 - 166
751 - 747
209 - 243
140.35
121:13

Sept 22 1936

Sir,

I enclose herewith Vouchers Nos. 126-27-28,
amounting to \$ 308.00 in favour
of Gaults Ltd - Austin Products - B. a Pair Co.
for

This expenditure was authorized by Departmental

Letter No..... dated.....

Your obedient servant,

W. E. Sullivan

Indian Agent.

W. E. Sullivan

The Secretary,
Department of Indian Affairs,
Ottawa.

Form No. 101

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

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POOR COPY



Vote No.

Treaty No.

DEPARTMENT OF INDIAN AFFAIRS

To J. H. Ashdown Hardware Co., Ltd.,
Calgary, Alta.

DATE 1936	SERVICE	AMOUNT
Nov. 12	To boiler tubes as per invoice attached for Blue Quills Indian Residential School, St. Paul..	26.07
DEPT. AUTHORITY:- No. 118-1-5 of Sept. 22, 1936. to Inspector M. Christianson.		
SADDLE LAKE AGENCY		
<i>1/2 No 158</i>		
TWENTY-NINE AND 7/100- - - - - DOLLARS.		
TOTAL,		26.07

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just; also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

M. Christianson
Inspector of Indian Agencies

FORM No. 506

A. Ashdown

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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Form 65R-5M-4-36-22518

Interest at 7 per cent. charged on all Overdue Accounts.

All Claims must be made on receipt of goods.

YOUR ORDER

407-11A

**THE
J.H. ASHDOWN HARDWARE CO.
LIMITED**
RETAIL DEPARTMENT

Delivered to Prepd. Freight #863

CALGARY, Sept. 30th 1936
Alta.

Salesman's No. 15580
SA

No.

SOLD TO The Dominion Govt.
Dept. of Indian Affairs,
ADDRESS Inspector's Office,
507 Public Bldg. City

6

Lengths 3" Boiler Tubes 12 Ft. long
Prepaid Fght. Charges

23.40 net.
2.67
26.07 "

Shipped to Rev. Father Jos. Angin,
St. Paul, Alta.

COPY

Indian Affairs, School Files.
(RC 10, Volume 6346, File 751-5, part 5)

**PUBLIC ARCHIVES
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CANADA**

118-1-5



CANADA

Letter No.

Ashton
Ashton



EX'D.

Office of the

Indian Agency,

19.....

Sir,

I enclose herewith Vouchers Nos. *158*

amounting to \$ *26.07* in favour

of *J. H. Ashdown Hardware Co. Ltd. Calgary, Alta.*
for *6 pes. Boiler tubes for Blue Quilt's School.*

This expenditure was authorized by Departmental

Letter No. dated

Your obedient servant,

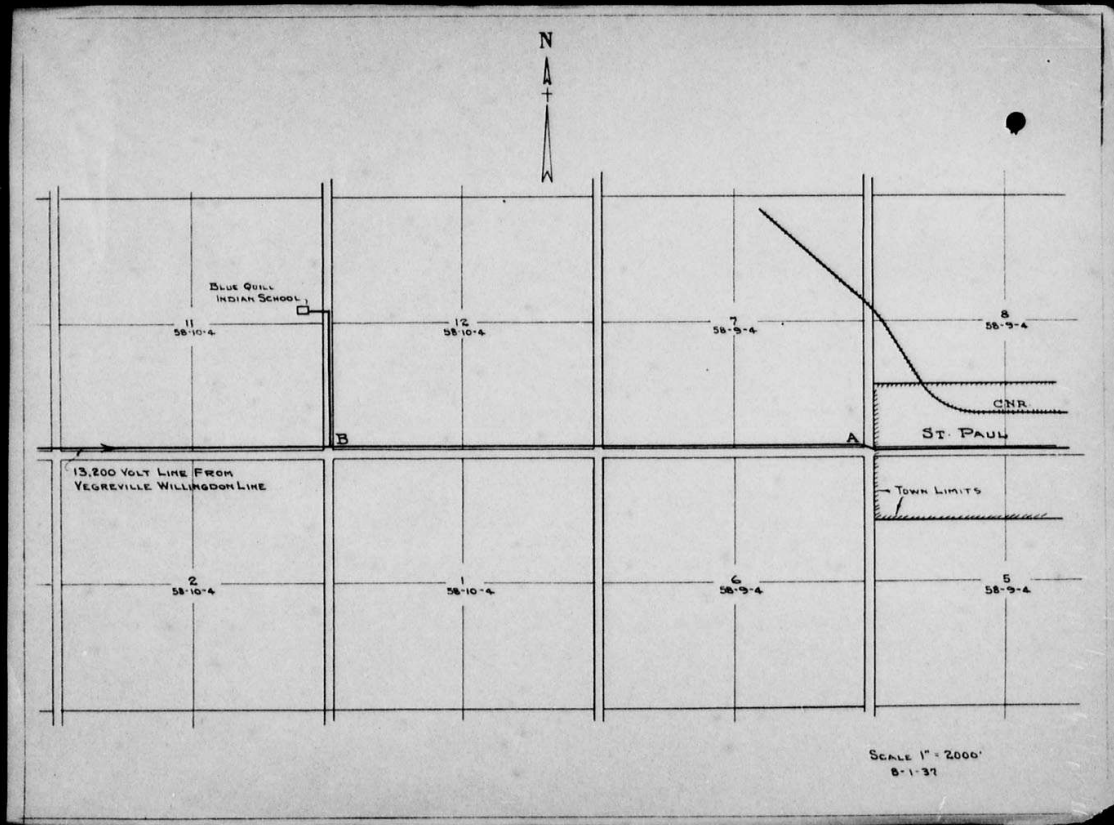
Keullion
Indian Agent.

The Secretary,
Department of Indian Affairs,
Ottawa.

Form No. 101

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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Indian Affairs, School Files.
 (RG 10, Volume 6346, File 751-5, part 5)

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 CANADA

118-1-5
CALGARY POWER COMPANY, LIMITEDHEAD OFFICE: 244 ST. JAMES ST.
MONTREALCALGARY OFFICE
INSURANCE EXCHANGE BUILDING

CALGARY, ALBERTA

January 7th, 1937.

Your 118-1-5Secretary,
Department of Indian Affairs,
OTTAWA, Ont.

Dear Sir,

With reference to our letter to you of September 9th last and your reply of October 13th, we are now enclosing a sketch showing the transmission line running west from the St. Paul town limits to the Blue Quills Indian Residential School. As already advised you we disposed of our distribution system in St. Paul to the Canadian Utilities Limited. This sketch also shows a short section of the transmission line which the Canadian Utilities has built to connect St. Paul with its transmission system at Willingdon, the oil engine plant in St. Paul no longer being used. You will note that as part of this transmission line the Canadian Utilities has incorporated the 2-mile stretch of your line immediately west of the St. Paul town limits, i.e. the section A-B. This we feel you should have no objection to since under our contract with you dated December 15th, 1930, and which expired on December 15th, 1935, you gave us the right by arrangement with you to use this line for other purposes in addition to serving the School. It does, however, become necessary to reach some arrangement with you in this regard.

When we arranged to transfer our St. Paul distribution system to the Canadian Utilities the question of the Canadian Utilities using a section of your line as part of their transmission from Willingdon to St. Paul was not considered but later in determining the route of this line it was found by them that 2 miles of your line (section A-B) could be used to advantage. Were we still operating St. Paul and had we built such a transmission line to serve it we would have wished to have used this 2-mile section of your line under some mutually satisfactory arrangement with you while you still retained ownership. The Canadian Utilities, however, follow

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

CALGARY POWER COMPANY
LIMITEDSec'y Dept Indian Affairs

-2-

January 7, 1937.

a different policy and they wish to obtain title to this 2-mile section A-B. They further advise us that unless title can be obtained on some reasonable basis they will build a parallel line into St. Paul thus leaving your line entirely for your own service as formerly and to be maintained at your expense. Such a duplication is unnecessary and in our estimation is inadvisable since it would necessitate the maintenance of 2 additional miles of line and serve no useful purpose. It should prove a saving to both you and the Canadian Utilities if some mutually satisfactory arrangement can be reached.

Under our expired contract with you above referred to electric energy was metered to you at the town limits, that is you paid the transmission line losses from the town limits to the School and the transformer losses at the School. In using the section of your line A-B as part of their transmission line to St. Paul the Canadian Utilities raised the voltage to 13,200 volts making it necessary to replace the 2200-volt transformers previously installed at the School with 13,200-volt transformers. They then installed metering equipment on the secondary side of the new transformers at the School, that is on the 220/110 volt circuits so that as now metered you no longer pay for line and transformer losses as formerly which should mean an appreciable saving to you.

In 1930 you paid us \$4997.00 to construct the line from the town limits to the School together with the sub-station structure, transformers and additional distribution at the School. Of this total the 2-mile section A-B accounted for approximately \$2500.00. In our opinion if the Canadian Utilities would agree to maintain the line to the School including the necessary transformers and give you the present rate or any revised rate which they may later apply in St. Paul for similar service, we believe you will be well advised to transfer ownership of the whole line to the Canadian Utilities at a nominal price as suggested in our letter of September 9th. On the other hand if you do not wish so to transfer the line, substation, transformers, etc., to the Canadian Utilities, then will you please advise us as to the basis on which you would consider transferring the 2-mile section A-B to the Canadian Utilities.

Our Company now has no property in St. Paul or vicinity and our interest in this matter arises through the fact that the Canadian Utilities through a misunderstanding

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

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CANADA

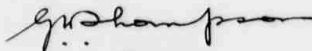
CALGARY POWER COMPANY
LIMITEDSec'd Dept Indian Affairs

-3-

January 7, 1937.

and without consulting us assumed that this line from the St. Paul town limits to the Blue Quills Indian School was the property of this Company and therefore assumed that it was being transferred to them. This explains why the section A-B of your line was incorporated in their transmission line from Willingdon to St. Paul without arranging with you. We are most anxious to get the matter straightened out and would appreciate an early reply from you.

Yours truly,



Manager

GHT:c

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)PUBLIC ARCHIVES
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Mr. Orr.
Please see letter from
Calgary Power Co.
What action do you
advise - your previous memo
is turned out.
P.P.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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H. D.

January 29, 1937.

Attention of Mr. Cochrane.

Dear Sir,-

Some years ago the department arranged with the Calgary Power Co. for the construction of a power line to the Blue Quills School to supply electric power to this Institution. The department paid for the cost of this line.

A letter has been received from the Calgary Power Co. advising that they have sold their interests to the Canadian Utilities Ltd., and asking that the line be transferred to this company. I am enclosing herewith a copy of their letter, also a copy of their letter of September 9th.

I would ask you to kindly obtain a report from your district engineers in Calgary as to what they would recommend regarding this power line from St. Paul to the Blue Quills Indian Residential School.

Yours very truly,

[Handwritten initials]

T.R.L. MacInnes

T.R.L. MacInnes.
Secretary.

The Water and Power Bureau,
Dept. of Mines and Resources,
Ottawa.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

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CANADA

Address reply to
THE CONTROLLER
Dominion Water and Power Bureau



CANADA

MFC:HMB.

118-1-5
Quote File 41167-W.
Your file 118-1-5.

DEPARTMENT OF MINES AND RESOURCES
SURVEYS AND ENGINEERING BRANCH

Dominion Water and Power Bureau

Ottawa, February 2nd, 1937.

[Handwritten signature]
Sir,-

I have received your letter of January 28th with enclosures regarding the power line supplying the Blue Quills School with electric power and the situation which has arisen due to the sale by the Calgary Power Company of its interests in and around St. Paul to Canadian Utilities Limited.

In accordance with your request I have asked Mr. Hoover, our Engineer in Charge at Calgary, to submit a report and to make recommendations as to what he considers would be the best solution of the difficulty from the point of view of the Blue Quills School and the protection of the Indian Affairs interest.

Your obedient servant,

J.T. Johnston,
Controller.

J.T. Johnston
T.R.L. MacInnes, Esq.,
Secretary, Indian Affairs Branch,
Department of Mines and Resources,
O t t a w a.

Indian Affairs, School Files.
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CANADA

118/1/5-

2

CANADIAN TELEPHONE COMPANY

Inter-Office Memorandum

one to: Mr. H. R. Milner

File No.

Subject: Transmission Line St. Paul
to Indian School

April 6, 1937

Rec'd



The latest development in this situation is as follows:

On February 27th Mr. D. A. Fetterly of the Water Power Branch of the Department of the Interior was apparently requested from Ottawa to make a report on the situation. He called on both the Calgary Power officials and ourselves, got all the information as to when the line was built, the cost of same, the rates which the Calgary Power and ourselves charged the school and discussed the question of Depreciation and Maintenance. He went away quite satisfied and expressed himself as being in favor of the line being transferred to this Company on the understanding that we would be responsible for all future maintenance on the line direct to the school, that our meter would be installed at the school, thereby not registering the line losses as was the case with the Calgary Power installation, and as our rates showed a further saving for electric service to the school.

To date we have heard nothing further but in speaking to Mr. Hoover, the chief of the Department, this afternoon, he stated the report had been submitted but they had had no further word.

Yours sincerely,

[Signature]

S. M. Hill,
Manager

BHM:RGC

Please quote our file number

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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CANADA

118-1-5

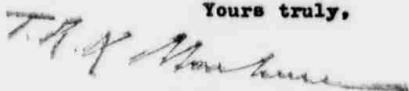
Ottawa, April 17, 1937.


Dear Sir,-

I desire to refer you to my letter of January 29th, last, and your reply of February 2nd, with reference to the power line owned by this Department and which extends from St. Paul to the Blue Quills Indian Residential School.

I would appreciate receiving, at the earliest possible date, Mr. Hoover's report in connection with the above matter.

Yours truly,


T. R. L. MacInnes.
Secretary.


J. T. Johnston, Esq.,
Controller,
Dominion Water & Power Bureau,
Dept. of Mines & Resources,
O t t a w a.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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Ottawa, April 21, 1927.

Dear Sirs

I have to refer to your visit to my office of the 15th April when we discussed the subject of the transmission line of the St. Paul Indian School.

We have received a letter from Mr. J. T. Johnson in which he forwards a copy of report from Mr. P. A. Fetterly, a member of his staff in Calgary.

Mr. Fetterly's recommendation is that the power line be transferred to the Canadian Utilities Company for the nominal sum of one Dollar provided the company will agree to supply the necessary electrical energy to the school subject to certain conditions and reservations stated in the report.

Steps will now be taken to make the necessary submission to Council.

Yours very truly,



Director of Indian Affairs.

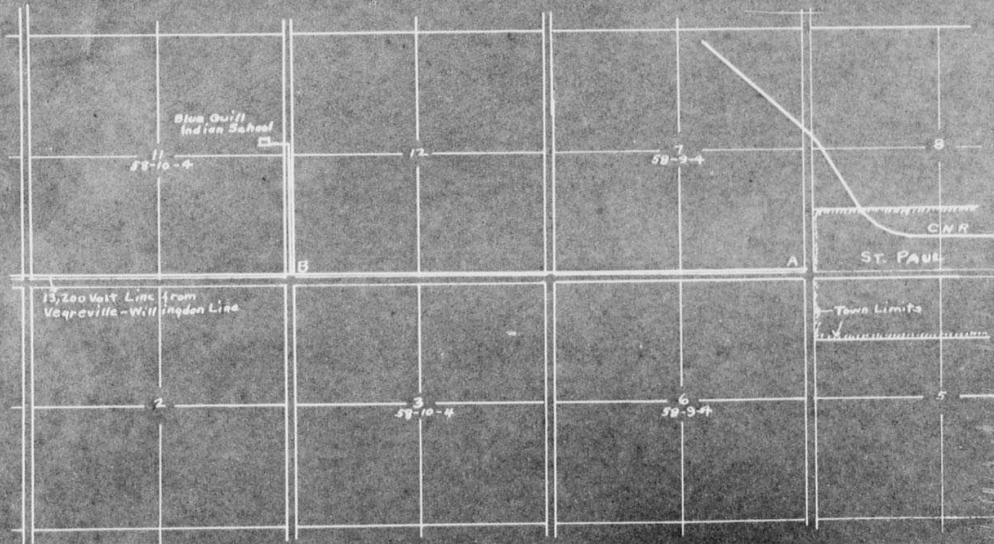
H. R. Milner, Esq., K. C.,
Royal Bank of Canada Chambers,
Edmonton, Alberta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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Sketch Map
 showing
 Power Transmission Line
 from St Paul Alberta
 to
 Blue Quills Indian School.
 Scale 1 in = 2000 ft.

F 4811



PAF Rp-2/37

RECEIVED
 ARCHIVES
 1987

7a

LABOR AND MATERIAL ON BLUE QUILLS INDIAN SCHOOL LINE

8 5 orm Guys (\$11.31 ea.)	\$90.48	
2 Stubs	5.00	
18 - #2500 Insulators	36.25	
18 - D.E. Clamps	22.32	
Labor (last 3 items)	<u>20.00</u>	
		\$174.05
Replaced 3 lightning Arresters	<u>105.00</u>	
		\$279.05

Line built 1930

2½ miles of line

Approx. 70 poles

Estimated life of poles - 15 years
" " " wire and hdwe. - 30 years.

70 poles will have to be stubbed or replaced in the next 8 years

Cost to replace each pole approx.	\$15.00	\$1050.00
" " stub " " "	\$ 7.50	\$ 525.00

Installed 1-10 K.V.A. and 1-5 K.V.A. Trans. in place of 1-15 and
1-7½ K.V.A. (\$275)
(\$110) ↗

Indian Affairs. School Files.
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6a

ST PAUL INDIAN SCHOOL
(Calgary Power)

1935

<u>K. W. H.</u>	<u>Revenue</u>
828	73.48
741	52.90
1050	109.44
1062	110.10
864	91.94
861	91.76
1185	109.20
952	89.74
951	97.04
707	65.82
984	91.08
<u>1070</u>	<u>91.94</u>
11215	\$1,074.44

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<u>C.P.</u>	<u>B.Q.S.</u>	<u>C. U.</u>	<u>C. U. Net</u>
<u>Comm. K.W.H.</u>	<u>K.W.H.</u>	<u>K.W.H.</u>	<u>Bill</u>
565		392	42.11
358		196	23.35
363		190	22.75
448		280	31.75
439		266	30.35
467		299	33.65
536		363	39.79
562		389	41.87
<u>3738</u>		<u>2375</u>	<u>\$ 255.62</u>

Note: C. U. K.W.H. = C.P. K.W.H.
less no load transformer K.W.H.

Summary:

Calgary Power

<u>K.W.H.</u>	<u>Net Bill</u>
6728	\$592.98

Estimated Reduction:

Canadian Utilities

<u>K.W.H.</u>	<u>Net Bill</u>
5365	\$481.38

1363 K.W.H.	20.26%
\$111.60	18.82%

Indian Affairs. School Files.
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ST. PAUL
BLUE QUILL SCHOOL

1936	Totalizing Meter K.W.H.	Rural Customer K.W.H.	Blue Quill School K.W.H.	B. Q. S. Power K.W.H.	B. Q. S. Comm. K.W.H.
Aug.	960	9	951	386	565
July	720	4	716	358	358
June	920	10	910	547	363
May	960	10	950	502	448
Apr.	840	12	828	389	439
Mar.	760	18	742	275	467
Feb.	840	22	818	282	536
Jan	840	27	813	251	562
	<u>6840</u>	<u>112</u>	<u>6728</u>	<u>2990</u>	<u>3738</u>

Calgary Power			Canadian Utilities		
Power	Comm.	Total	Power	Comm.	Total
26.76	53.30		28.94	55.95	
25.28	42.18		27.82	39.39	
35.42	42.38		85.38	39.99	
33.02	46.98		33.58	46.59	
26.94	46.54		29.06	45.87	
20.70	48.02		24.00	48.11	
21.12	51.76		24.42	53.63	
19.46	53.12		22.56	55.47	
<u>208.70</u>	<u>384.28</u>	\$592.98	<u>225.76</u>	<u>385.00</u>	\$610.76

Due to the method of metering used by the Calgary Power, all line and transformer losses were charged to the school and paid for on the Commercial rate schedule. Canadian Utilities has changed the metering so the school pays for only the energy actually used (line and transformer losses are not registered) When comparing costs credit should be given for these losses.

Three transformers were on the line 1 - 7½ K.V.A.; 1 - 15 KVA; 1 - 10 KVA

Transformer losses in K.W.H. / Hr.

K.V.A.	No load		½ load	
7½	0.060		0.072	
10	0.073		0.085	
15	0.100		0.120	
	0.233			
	Hrs.	No load		
		K.W.H.		
January	744	173		
February	696	162		
March	744	173		
April	720	168		
May	744	173		
June	720	168		
July	744	173		
Aug.	744	173		
	<u>5856</u>	<u>1363</u>		

Note: These losses are lower than actual because (1) no account is taken of line losses (2) transformer losses increase with the load and the estimated losses are for no load only (3) losses shown are for modern transformers which are considerably more efficient than older types.

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ST. PAUL INDIAN SCHOOLCommercial (June 1936)

Connected load 3.5 K.W.
Consumption 363 K.W.H.

Rate:
D.C. \$3.75
350 K.W.H. @ 10¢
200 " @ 8¢
500 " @ 6¢
Excess @ 4¢

350 K.W.H. @ 10¢ each - 35.00
13 " @ 8¢ " 1.04
D.C. 3.75

C.U. 39.79 C.P. \$42.38

Power

6.5 K.W. (Rate as 6 K.W.)
547 K.W.H.

Rate:
D.C. \$6.00
150 K.W.H. @ 7¢
150 " @ 6¢
300 " @ 4¢
Excess @ 2¢

150 K.W.H. @ 7¢ ea - 10.50
150 " @ 6¢ " 9.00
247 " @ 4¢ " 9.88
D.C. 6.00

C.U. \$ 35.38 C.P. \$35.42

C.P. Total Bill \$77.80
C.U. " " 75.17
\$ 2.63 (3.38% disc)

Indian Affairs. School Files.
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4 a

Dept. of Indian Affairs,
c/o Rev. Father Angin,
St. Paul, Alta.

July 7, 1936

Edmonton

a/c covering the Blue Quills School for the
month of June, 1936

Lighting (Installed capacity 3.5 K.W.)

Present reading of totalizing meter	1349
Previous " " " "	1326
	<u>23</u>

Multiplier 40

Consumption ---- 23 x 40 ---- 920 K.W.H.

Less consumption of power ser. 547 "

" " of service #4 373 "

Balance lighting 10 "

Service Charge on 3.5 K.W. \$ 4.30

Energy Charge on 363 K.W.H.

1st 100 hours' use of inst. cap or 350 KWH
@ 12¢ \$42.00

Balance of 13 K.W.H. @ 6¢ .78

Less discount 10% on even dollars

Power (Installed capacity 6.5 H.P.)

Present reading	5331
Previous " "	4784
Consumption	<u>547</u> K.W.H.

Service Charge on 6.5 H.P. \$ 6.50

Energy Charge on 547 K.W.H.

1st 100 K.W.H. per month per K.V.A. or
650 K.W.H. @ 6¢. therefore whole consumption
of 547 K.W.H. @ 6¢

Less discount of 10% on even dollars

Kilowatt hours to date in 1936 - 2814 light
and 2246 power
Demand 3.5 K.W. and 6.5 H.P.

Discount expires July 18th, 1936

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To: CANADIAN UTILITIES LIMITED

Day Month Year

Account No.

8 b

District: WINDFALL, ALTA.

20 1 197 05

Application for (B) Commercial Lighting Service

NAME: ELSA JOHANSSON

ADDRESS: ST PAUL, ALTA.

The undersigned, herein called the Customer, hereby applies to you for Electric Service to be used on the premises designated above, upon the Terms and Conditions endorsed hereon, which are declared to be incorporated in and to form part of this Agreement.

Accepted by: CANADIAN UTILITIES LTD.

Per _____

Date _____

Customer's Signature: _____

Guarantee Deposit: _____

Amount:

Receipt No.

Billing Instructions: _____

STANDARD SERVICE CHARGE - First 500 Watts connected load
 @ 75¢ per month
Each additional 500 Watts connected load or fraction thereof
 @ 50¢ per month.

STANDARD SERVICE CHARGE - First 500 Watts connected @ 50¢ per month
 Each 500 Watts load per month @ 25¢ per month
 Each 1000 Watts load per month @ 50¢ per month
 All additional L.S.M. @ 25¢ per month

Allow 10¢ per month

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CALGARY POWER COMPANY, LIMITED

HEAD OFFICE: 24 JAMES ST.
MONTREALCALGARY OFFICE
INSURANCE EXCHANGE BUILDING

CALGARY, ALBERTA

February 23rd, 1937

Dominion Water Power
and Hydrometric Bureau
Public Building,
CALGARY, AltaAttention: Mr. P. A. Fetterly

Dear Sirs,

re: Blue Quills Indian School

Referring to our discussion of Saturday last in regard to the transmission line which feeds the Blue Quills Indian School near St. Paul, the following is the information which you requested:-

- (a) The line was built in the Fall of 1930.
- (b) Our costs for the 2-mile section of line running west from the St. Paul Town limits and shown as Section A-B on the plan which we gave you were as follows:
- | | | | |
|--|---|---|--------------------|
| Staking | - | - | \$ 40.00 |
| Easements and Legal | - | - | 485.19 |
| Poles, hardware and crossarms, erected | | | 1,045.21 |
| Insulators & Conductor (#4 ACSR) erected | | | 951.88 |
| <u>Total</u> | - | - | <u>\$ 2,523.28</u> |
- (c) The annual cost of maintenance of a line of this type will average about \$20. per mile per year for its life.
- (d) We use a rate of depreciation of 4% per year.
- (e) The probable life of the poles is 17 years depending on the soil conditions, and the average of the balance consisting of the conductor, crossarms, etc. around 25 years, though this is a difficult figure to estimate closely.
- (f) We consider the annual amount to cover replacement of the line as a whole will be of the order of \$50. per mile per year.

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CALGARY POWER COMPANY
LIMITEDMr. Patterly,

-2-

February 23, 1937

In connection with this line the following easements were obtained which are registered in the name of this Company:-

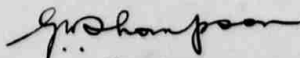
<u>Name of Land Owner</u>	<u>Location</u>	<u>Registered Number of Easement</u>	<u>Remarks</u>
A. Chamberland	E. $\frac{1}{2}$ S.E. 12-58-10-4	Caveat	Registered by description
do do	W. $\frac{1}{2}$ S.E. 12-58-10-4	4558 E.K. 5624 E.H.	" "
Octave Guimond	W. $\frac{1}{2}$ of W. $\frac{1}{2}$ S.W. 8-58-9-4	5627 E.H.	" "
W. Genereux	W. $\frac{1}{2}$ S.E. 7-58-9-4	2314 E.I.	" "
Victor LaFrance (S.S.B)	N.W. 12-58-10-4	4804 E.I.	" "
Thos. Lessard	Pt. E. $\frac{1}{2}$ S.W. 8-58-9-4	6227 E.H.	" "
T.J. Pulkrabeck (W.J.A. Mustard)	E. $\frac{1}{2}$ S.E. 7-58-9-4	3527 E.H.	" "
Victor LaFrance	S.W. 7-58-9-4	1747 E.I.	" "
W. Pepin	S.W. 12-58-10-4	4606 E.V.	" "

These easements, you will note, were obtained in the name of our Company and have never been transferred to the Department of Indian Affairs. This, however, can be done at any time.

For your information the revenue received by us from the Blue Quills Indian School for the calendar year 1934 was \$1026.28 and for the year 1935 was \$1079.44.

We shall be glad to provide any further information you may wish if you will advise us.

Yours truly,



Manager

GHT:c

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5. RATES OR PRICES

AVAILABLE FOR ALL PURPOSES

SERVICE CHARGE

\$1.00 per month per K.V.A. of Maximum Demand, with a minimum of Ten (\$10.00) Dollars per month.

ENERGY CHARGE

First 100 K.W.H. per month per K.V.A. of Maximum Demand at
Twelve (12¢) Cents per K.W.H.
All over 100 K.W.H. per month per K.V.A. of Maximum Demand at
Six (6¢) Cents per K.W.H.

Prompt payment discount - ten (10%) percent on the even dollars.

6. METERING EQUIPMENT

The electrical energy and power to be supplied by the Power Company to the Customer shall be measured by suitable recording meters to be supplied and installed by the Power Company on the high tension side of the point where the Tap constructed for the Customer connects with the Company's present distribution line in said Village of St. Paul, IT BEING AGREED that for the purposes of this agreement the metering equipment shall be deemed to be the point of delivery of electrical energy and power supplied hereunder to the Customer.

7. REPAIRS OF METERS

The meters for the measurement of the electrical energy and power supplied hereunder shall at all times be kept in good working order, and shall be tested from time to time to determine their accuracy.

The Power Company shall notify the Customer whenever it intends to have the said metering equipment tested, so that the Customer may have a representative present at the test if the Customer so desires.

8. TESTING OF METERS

If at any time the Customer is not satisfied as to the accuracy of its said metering equipment, it may, upon giving ten (10) days' notice to the Power Company, have the said metering equipment tested or calibrated by a competent person delegated so to do by the Department of Trade and Commerce of the Dominion of Canada. If such test or calibration shows that such metering equipment is in error by more than two (2%) percent, then such metering equipment shall forthwith be corrected or replaced by one that is accurate. If the inaccuracy of the metering equipment as shown by such test demanded by the Customer is found to be such that the quantity of power delivered as recorded by it is in error by more than two (2%) percent, then the Power Company shall bear the cost of the test. The bills for power supplied during the two calendar months preceding such tests shall be corrected in the proportion of the error of the metering equipment,

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provided such error exceeds the aforesaid limit of two (2%) percent such correction shall be accepted by the Customer and the Power Company as settlement in full to that date of all claims on account of inaccuracy of the metering equipment.

9. WIRING

The Customer shall assume all obligations, risk and responsibility in connection with all wiring done or caused to be done by the Customer from the point of entry of such wiring into all buildings on the said School premises, including therein all wiring done on the School premises on the low tension side of said Tap on said School premises, for the purpose of connecting the respective buildings thereon and also including all wiring done by the Power Company on said School premises, at the request of or under agreement with the Customer.

10. PAYMENT OF ACCOUNTS

The Power Company shall render its account to the Customer in each calendar month for the electrical energy and power supplied during the previous month and the Customer agrees to make payment of the same within ten days of the rendering of every such account; all payments to be made at the Calgary Office of the Power Company.

The Power Company may, on giving five (5) days' written notice to the Customer, and without prejudice to any of its other legal remedies, cut off the supply of electrical energy and power to the Customer, in the event of any amount due for electrical energy and power under the provisions of this agreement concerning the existence of which there is no bonafide dispute, remaining unpaid after the same shall have become due under this Agreement.

11. ACT OF GOD, etc.

If at any time during the continuance of this Agreement the operation of the works of either of the parties hereto is suspended or curtailed owing to war, rebellion, act of God or other cause beyond the control of such party, the party whose operations are suspended or curtailed shall not be liable to the other party under this Agreement until the cause of such suspension or curtailment has been removed. Provided that each of the parties hereto shall take all reasonable precautions and adopt all reasonable measures to prevent or remove the cause of such suspension or curtailment.

12. TAP CONNECTION

The Customer having paid to the power Company the cost of the construction of the necessary Tap for the supply of service hereunder from a point on the West boundary of the corporate limits of the said Village of St. Paul, and the Power Company having constructed said Tap for the sum of Four Thousand, Nine Hundred and Ninety-seven (\$4997.00) Dollars, IT IS HEREBY AGREED AND DECLARED that said Tap includes any transformers, lightning arresters, circuit breakers, or other similar or protective apparatus attached to or used or employed in connection with said Tap for the purpose of supplying electric energy and power hereunder,

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and also include the cost of any right-of-way required for said Tap; PROVIDED HOWEVER that the Customer shall allow the Power Company to enter upon and build and maintain upon and over its property and premises such metering equipment, transformer stations and other apparatus as may be necessary for the delivery of electric power and energy hereunder, the locations however to be such as may be mutually agreed upon; AND FURTHER PROVIDED that notwithstanding the Customer being the owner of said Tap the Customer shall during the term of this agreement, purchase from the Power Company and take over said Tap and without any charge or cost to the Power Company for the use or maintenance of said Tap, its aforesaid entire requirements of electrical energy and power on the terms and in the conditions in said Agreement contained.

13. The Customer further agrees that the Power Company shall be at liberty during the term of this Agreement to use said Tap for the purpose of transmitting electrical energy and power to such consumers as the Power Company shall desire to serve thereby or therefrom, and the Power Company shall pay to the Customer for such use of said Tap such sums as may be agreed upon between the parties hereto, and in the event of disagreement the amount so to be paid by the Power Company shall be referred to an Arbitrator to be agreed upon by the parties hereto and in case of disagreement to an Arbitrator to be appointed by a Judge of the Supreme Court of Alberta, and in either case in accordance with and subject to the provisions of the Arbitration Act.

THIS Agreement and everything herein contained shall enure to the benefit of and be binding upon the parties hereto, their and each of their successors and assigns respectively.

IN WITNESS WHEREOF the parties hereto have caused these presents to be executed the day and year first above written.

Witness:

CALGARY POWER COMPANY LIMITED

Indian Affairs. School Files.
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AGREEMENT made and entered into this _____ day of

2a

_____ A.D. 1936.

BETWEEN:

CALGARY POWER COMPANY LIMITED, a body corporate with its Head Office at the City of Montreal, in the Province of Quebec (hereinafter called "the Power Company")

OF THE FIRST PART

- and -

HIS MAJESTY KING EDWARD THE EIGHTH represented by the Minister of the Interior of Canada (Department of Indian Affairs), and represented herein by Reverend Joseph Arquin, Principal of the Blue Quills Indian School, situate approximately two and one-half (2½) miles West of the Village of St. Paul, Alberta, in the Saddle Lake Indian Reserve (hereinafter called "the Customer")

OF THE SECOND PART

WHEREAS the Power Company is a corporation duly incorporated under the laws of the Dominion of Canada and operates an hydro-electric power system in the Province of Alberta, as a licensee of Dominion Water Powers by virtue of licenses granted to it by the Minister of the Interior of Canada, pursuant to and subject to the provisions of the Dominion Water Power Act, being Chapter 210 of the Revised Statutes of Canada, 1927, and/or the Dominion Lands Act and the Dominion Water Power Regulations passed by the Governor General in Council under the authority of the said Acts.

AND WHEREAS the Customer has established and operates an Indian Residential School known as the "Blue Quills Indian Residential School", the same being situated on the North East Quarter of Section Eleven (11), Township Fifty-eight (58), Range Ten (10), West of the Fourth Meridian.

AND WHEREAS the Power Company has extended at the cost of the Customer, its electrical transmission system now being operated in the Village of St. Paul, in the Province of Alberta, so as to be in a position to supply the Customer at said Indian Residential School with electrical power and energy as hereinafter provided.

AND WHEREAS the Customer is willing to purchase from the Power Company all the Customer's entire requirements of electrical power and energy for use in said Indian Residential School and all building connected, used or operated, for the purpose of said School; said School and said buildings being hereinafter referred to as "said School premises".

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NOW THEREFORE THIS AGREEMENT WITNESSETH that the parties hereto covenant, promise and agree, the one with the other, as follows:

1. TERM OF CONTRACT

This contract shall remain in full force and effect for a period of five (5) years from the date of this agreement. The Customer shall, from the date of this agreement, purchase from the Power Company the Customer's entire requirements of electrical energy and power in said School premises during the life of this Agreement. The Power Company shall, from the date of this Agreement, sell and deliver to the Customer all electrical energy and power required by it from time to time for use in said School premises, during the life of this contract.

2. VOLTAGE AND FREQUENCY

The electrical energy and power to be supplied hereunder shall be furnished in the following manner:

(a) For power, lighting and domestic purposes, in the form of three phase alternating current, at a normal pressure of two hundred and thirty (230) volts,

PROVIDED always that said electrical energy and power to be supplied as aforesaid shall have a normal frequency of sixty (60) cycles per second, with a variation in the aforesaid respective voltages of generally not more than six percent (6%) above or below normal, and a variation in frequency of generally not more than one percent (1%) above or below normal.

3. SERVICE

The Power Company shall endeavor to maintain normal voltage and frequency and render service equal to that usually furnished by modern engine driven electrical plants where conditions are similar, and the Customer shall use the electrical energy and power to be supplied hereunder only for the Customer's aforesaid purposes, and all apparatus and equipment shall be installed and maintained and said electrical energy and power shall be used by the Customer in such a manner as not to cause sudden fluctuations in the demand for the said energy and power such as would cause disturbance to the system of the Power Company.

4. CONTINUITY OF SERVICE

The Power Company shall cause to be taken all usual precautions to guard against interruptions or diminutions in the supply of electrical energy and power to the Customer, and shall cause to be terminated such interruptions and diminutions with all possible dispatch. If interruptions or diminutions are necessary or unavoidable for repair, overhauling or inspection of equipment, or for improving or adding to its equipment, the Power Company shall give the Customer reasonable notice of the same, if possible, and shall cause such interruptions or diminutions to be made at such a time as to cause the minimum inconvenience and loss to the Customer.

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REPORT ON
PROPOSED DISPOSITION OF POWER LINE
TO SUPPLY
BLUE QUIJLS INDIAN SCHOOL, ST. PAUL, ALBERTA.

by
P.A. Fetterly,
Asst. Hydraulic Engineer.

I. PURPOSE OF REPORT.

A letter was received from the Controller, Dominion Water and Power Bureau, dated January 28th, requesting that an officer of the Calgary Office enquire into the transfer of the source of electrical energy supply to the above-named school from the Calgary Power Company to the Canadian Utilities as far as it concerns the Department of Indian Affairs. Pursuant to these instructions, the undersigned interviewed the Managing Officers of both Companies in order to ascertain the particulars of the transaction.

2. OBSERVATIONS.

1. History of Transfer.

The copies of letters from the Calgary Power Company to the Indian Department, in possession of the Controller, contain the essential facts of the transfer. Apparently, nothing was said during the negotiations between the Companies regarding this 2½ miles of line and accessories. Consequently, the Canadian Utilities used it as a part of their line from Vegreville and Willingdon to St. Paul. The portion from St. Paul, straight west two miles to a point half a mile south of the School, was used as a part of the main line. The part north to the school was used as a branch feeder to the school. The whole line was overhauled as mentioned hereinafter. Vegreville is seventy miles southwest of St. Paul.

3. STUDY OF THE PROBLEM.

The Manager of the Canadian Utilities considers that it is a matter solely between the Calgary Power Company and the Indian Department as regards settlement of the problem, as they purchased the plant from the Power Company, believing that this line to the school was a portion of the plant.

Data was obtained of costs of electrical energy from the Calgary Power Company and from the Canadian Utilities, respectively.

Eight exhibits were obtained from the two Companies to illustrate the points enumerated in this report. The real purpose of the report is to enable the officials of the Indian Department to decide upon the method of settling the matter. In pursuance of this object, the data will be presented in connection with eight exhibits arranged in logical order.

(a) Sketch map of the area concerned. (Exhibit 1)

This map shows the location of the transmission line from St. Paul to the School. The original meter was located near the west side of the town. The school thus paid for

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all transformer and transmission losses on nearly three miles of line. The Calgary Power Company apparently maintained the line without charge to the school, as a gift.

(b) Original Contract with Calgary Power Co. (Exhibit 2)

The original contract stated the terms under which the Calgary Power Company provided Electrical Energy to the school, delivering it from their line at the west side of the town to the line owned by the Department of Indian Affairs. The Company was allowed to supply energy to private users on this portion. One private service was provided.

(c) Data regarding Construction and Maintenance. (Exhibit 3)

This data was provided by the Calgary Power Company. They state that the annual cost of maintenance averages \$20.00 per mile per year. Depreciation is 4% per year. The probable life of the poles is 17 years and of the rest, 25 years. Annual replacement expense is \$50.00 per mile per year.

The right of way purchased is in the name of the Calgary Power Company. The revenue in 1934 was \$1,026.28; in 1935 it was \$1,079.44.

(d) Electrical Account for June, 1936. (Exhibit 4)

This exhibit contains the account rendered for June, 1936, by Calgary Power Company as a comparison with the amount if under Canadian Utilities Company. The writer has examined this exhibit in detail and it is unnecessary to comment. The saving under Canadian Utilities Company contract would be \$2.63 for the month, a saving of nearly 3% on a light month.

(e) General Data on Comparative Costs. (Exhibit 5)

This exhibit contains detailed data on the comparative costs, as between the rates of the Calgary Power Company and those of the Canadian Utilities Company for the months August, 1936, to January, 1937. It is to be noted that due to the method of metering used by the Calgary Power Company, all line and transformer losses were charged to the school. Under the Canadian Utilities, power is delivered at the school without charge.

Although a study has been made of this data, it is unnecessary to detail it here. It will, however, be noted that the estimated reduction for the eight months is \$111.60 or 19% of the whole. This would mean a total saving of about \$160 for the year.

(f) Rendered Bill of Calgary Power Co. for 1935. (Exhibit 6)

This consists of the itemized bill rendered by the Calgary Power Company for 1935. The total amount is \$1074.44.

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According to data supplied by the Canadian Utilities Company, this would have amounted to slightly over \$900, because of difference in rates and cessation of transmission line and transformer losses.

(g) Maintenance costs of the Canadian Utilities Company. (Exhibit 7)

On the transfer of the property, the Canadian Utilities Company immediately rehabilitated portions of the line at a total cost of \$280, as shown by Exhibit 7. Ordinarily, the Company should be reimbursed for this expense. Some of the costs of replacement are also shown in this exhibit. Note the nature and cost of replacements already necessary, viz., stubs, lightning arresters, etc.

(h) Proposed New Contract with Canadian Utilities Company. (Exhibit 8.)

Under the new management, the contract is the simple one of a private service user as shown by Exhibit 8.

4. DISCUSSION.

The line was constructed in 1930 at a total cost of \$4,997, of which the portion A-B cost \$2,523.28. The line has been built for seven years. In another eight years, replacements or stubbing of poles will have to be undertaken and in a few more years, similar action must be taken with the remainder of the equipment. One bolt of lightning may require replacement of one or more transformers at a cost of \$380. Insulators are broken, or the line may be partially destroyed by storms or prairie fires, as has happened elsewhere to Calgary Power Lines. Meanwhile, if the Dominion Government retain ownership of the line, it will be compelled to maintain it at a considerable cost. It is understood that the Calgary Power Company did not render any bill for maintenance up to the present, but the Canadian Utilities Company certainly would do so. In addition, if the Canadian Utilities Company do not obtain possession, they will build a parallel line on the south side of the road and the school or Government would pay dearly for maintenance of their line.

The financial considerations are as follows:

Cost of maintenance per year	\$ 50	
Depreciation per year 4% on \$4997	200	
Total cost per year	<u>\$250</u>	
Total Cost		\$4997.00
Depreciation to date 7 years @4% of \$4997		<u>1399.00</u>
Present net value		\$3598.00

Considering a maintenance and depreciation cost of \$250 per year, the net value would be exhausted in thirteen years.

It is further noted that the saving in rates to the school under the new management may possibly reach \$160 per annum, or a total yearly saving of \$410.

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If the Indian Department retain ownership of the line, there is no possibility of having the Company assume the cost of transmission charges on the 2½ miles of line. Also, other causes, such as lightning, etc., may cause trouble, delay and expense. It might even be necessary to hire a St. Paul Electrician to assume maintenance if the Company declined to do so.

All of these troubles would be eliminated if the Company own the line. If and when the line needs complete rehabilitation or renewal, the whole question would have to be re-opened. At this future time, the line would have little or no salvage value. One cannot formulate any practical reason for retention of ownership by the Government, except the doubtful one of actual ownership. If it is relinquished, the Government and School officials will have no worry and will lose no time in supervision, as the power will be delivered to the switchboard in the school without extra cost and the whole line to the last pole outside of the school, will be the responsibility of the Company.

In consideration of the above reasoning, it would appear that the Indian Department would really be in a better position permanently if the whole line were owned by the Canadian Utilities Company.

5. RECOMMENDATION.

After consideration of the above data and discussion, I would recommend that the power line under consideration be transferred to the Canadian Utilities Company for the nominal sum of One Dollar, with the understanding that the Company will supply the necessary electrical energy to the school for lighting and power at the school switchboard after passing the transformers at the rates stipulated in their service permanently.

Precaution or reservation should be taken or made that there would be no cessation of supply at any time in the future. It is suggested that a stipulation might be made that if at any time in the future there should be a permanent cessation of supply by the Canadian Utilities Company, or if the Canadian Utilities Company relinquish ownership of the system, that ownership of this portion of the line should return to the Government, provided that the Company agrees to this reservation. This stipulation would protect the school under all conditions.

Calgary, Alberta,
April 9, 1937.

O.H. Hoover
.....
O.H. HOOVER
Engineer-In-Charge

P.A. Fetterly
.....
P.A. FETTERLY
Asst. Hydraulic Engineer.

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Address reply to
THE CONTROLLER
Dominion Water and Power Bureau

MFC:HMB.



CANADA

Quote File 41167-W.

Your file 118-1-5.

DEPARTMENT OF MINES AND RESOURCES
SURVEYS AND ENGINEERING BRANCH

R

Dominion Water and Power Bureau

Ottawa, April 17th, 1937.

Sir,-

With reference to your letter of January 28th last regarding the power line supplying electric energy to the Blue Quills Indian School in regard to which you ask for a report, I now enclose a report dated the 9th instant, by Mr. P.A. Fetterly of our Calgary staff, together with the exhibits referred to therein.

Mr. Fetterly's recommendation is that the power line be transferred to the Canadian Utilities Company for the nominal sum of One Dollar provided the company will agree to supply the necessary electrical energy to the school subject to certain conditions and reservations stated in the report.

Your obedient servant,

J.T. Johnston,
Controller.

J.T. Johnston

Encl.
—

T.R.L. MacInnes, Esq.,
Secretary, Indian Affairs Branch,
Department of Mines and Resources,
O t t a w a.

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(2)

(c) If, at any time in the future, there should be a permanent cessation of supply by the Canadian Utilities Company or if the Canadian Utilities Company relinquish ownership of the system, that ownership of this portion of the line should revert to the Government.

I would appreciate your taking up the matter with the Canadian Utilities Company and advising me, as soon as possible, if they are prepared to accept the stipulations mentioned above or if they object to any of the above conditions.

Yours very truly,



Director.

Calgary Power Company, Limited,
Insurance Exchange Building,
Calgary, Alta.

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Ottawa, April 27th, 1937.

Gentlemen,-

On receipt of your letter of January 7th. last, regarding the transmission line running west from the town of Saint Paul to the Blue Quills Indian Residential School, arrangements were made to have the Dominion Water & Power Bureau engineers investigate the matter.

Their report has just been received and I am prepared to recommend the passage of an Order-in-Council providing for the transfer of the power line to the Canadian Utilities Company for the nominal sum of \$1.00 on the following conditions:-

(a) That the Canadian Utilities Company will permanently supply the necessary electrical energy to the school for lighting and power at the school switchboard after passing the transformers at the rates stipulated in their service.

(b) That there would be no cessation of supply at any time in the future.

(c) If.

Calgary Power Company, Limited,
Insurance Exchange Building,
Calgary, Alta.

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Originals

Mr. W. E. Gullion, Indian Agent,
Saddle Lake Agency,
Alberta.



Dear Mr. Gullion;

Please allow me to solicit your kind assistance to obtain from the Department of Indian Affairs, the following items :

3 Sewing Machines No. 1588 with :
Only one attachment for button -holes.
These machines are greatly needed not only to fabricate the clothing for our numerous children, but at the same time, to teach our big girls the use of them.

24 "Institution" Beds complete,
(Bed, Mattress, Pillows,) (5'x 2½')
You are aware, dear Mr. Gullion, that there are many children of 8, 9, 10 and even 12 years of age, especially from the Saddle Lake, Good Fish, and Beaver Lake Reserves, who do not attend School. The parents of these children request their admission, but, as our approved attendance roll is more than full, -(147 children are now registered, and not one more bed to spare) we are forced to refuse them.

We therefore, renew the demand recently made in regard to increasing the attendance roll of "Blue Quill School" from 140 to 160 or even to 165; and, at the same time, we send in this requisition for the necessary beds to accommodate them.

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CANADA

2 Gallons Satin Gle Varnish (120 - clear)
to be used for the kitchen and refectory
in order to protect the linoleum so gra-
ciously furnished by the Department.

1 Single Row Potato Planter.
To get the amount of potatoes required
for the School we have to plant yearly
six acres of potatoes. It is very
long and tedious to do it by hand.

Last year the Department approved the
demand made by this School for the
construction of a piggery estimated at
a cost of \$1200.00. Owing to the short-
age of funds, the Department was unable
to carry on the approved plan.

However as the above mentioned items
of this requisition are more urgent at
the present time, we would prefer to
postpone again this construction and
have our present needs attended to.

We feel confident, Mr. The Agent, that you will do your
utmost to influence the Department in our favor and to co-
operate with us for the general welfare and progress of
our School.

Very sincerely yours,

Balter
Dem.
Principal

Saint Paul, Alberta.
March 5, 1937.

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

DEPARTMENT OF INDIAN AFFAIRS
CANADA



118-1-5
F-25
DEPARTMENT OF INDIAN AFFAIRS
OFFICE OF INDIAN AGENTS
SADDLE LAKE, ALBERTA.

OFFICE OF INDIAN AGENTS
SADDLE LAKE, ALBERTA.

APR 16 1937
April 2nd, 1937.

Sir:-

I beg to transmit herewith, a letter received from the Reverend Principal of the Blue Quill's Indian Residential school in regard to certain requirements for that institution.


You will note that he asks for three sewing machines. The matter of the machines was discussed when I was at the school recently and the Rev., Principal informed me that the machines on hand were not sufficient to meet their present requirements. Four No.127-3-2 G.O. sewing machines and one 31K-15 machine were supplied in 1931 but the three machines No.1588 are evidently required to take care of the sewing now being done.

In regard to the request for increased pupilage; I might state that there are at present, 147 pupils on the roll. In order to accommodate the additional pupils now in school, it was found necessary to use the beds from the sick wards and there are now no extra beds available. There are two or three children on the waiting list and if these could be accommodated, the registration would be about 150. It would appear therefore that arrangements for an increased pupilage would be necessary. The Rev., Principal asks that this be raised from 140 to 160 or 165. Taking the prospective recruits here who will be coming of age, discharge of pupils, etc., into consideration, the pupilage could probably be kept at 150. If there are any more eligible recruits available on the Cold Lake, Keeheewin and Frog Lake reserves in Onion Lake Agency, no doubt in time, an allowance for an increased pupilage would be necessary.

About two gallons of varnish would be required to varnish the linoleum in the kitchen and refectory.

A single row potato planter is also asked for. Discussing this with the Rev., Principal, he stated that owing to the necessity of seeding such a large area to potatoes,

The Secretary,
Department of Indian Affairs,
Ottawa, Ont.



Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

2.

a planter was badly needed in order to speed up the work.

It is considered that if these items were authorized, the matter of the piggery could be held in abeyance as there is no pressing need for one this year.

Your obedient servant,

W. E. Gullion
W. E. Gullion
Indian Agent.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5.

Ottawa, April 29, 1937.

Dear Sir:

With reference to your letter of the 2nd instant, the Department will arrange for the purchase of three new sewing machines for the Blue Quills Indian Residential School.

Regarding the Principal's request for an increased pupilage at this school, I may say that when preparing our appropriation for the current fiscal year, definite instructions were received not to increase pupilage at any residential school. Under these circumstances, no funds were provided for increased pupilage at the Blue Quills Residential School, and, as the funds at our disposal are limited, it will not be possible to favourably consider the Principal's request this year. As the pupilage will not be increased, it will not be necessary to consider the purchase of the new beds, mattresses and pillows.

If you consider a single row potato planter is necessary, you may arrange for the purchase of same, from a firm on the approved list. You may also purchase two gallons of varnish for varnishing the linoleum in the kitchen and refectory.

Yours truly,

R. A. Hoey,
Supt. of Welfare & Training.

W. E. Gullien, Esq.,
Indian Agent,
Saddle Lake, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5

Ottawa, May 6th, 1937.


Gentlemen,-

Please ship to Rev. L. Balter, O.M.I.,
Principal, Blue Quills Indian Residential School,
St. Paul, Alta., three (3) sewing machines No.
127-3-2 G. O. Each of these machines should be
supplied at the price quoted this Department,
namely, \$63.75 less 45% on gross cash.

Your account, in triplicate, should
also be forwarded to Father Balter, who is being
instructed to certify the account on receipt of the
machines and send the account to the Department for
payment.

Yours truly,

R. A. Hoey.
Supt. of Welfare & Training.


Singer Sewing Machine Co.,
420 Portage Ave.,
Winnipeg, Man.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

EXD.

Ottawa, May 6th, 1937.

Dear Sir,-

With further reference to your letter of the 2nd ultimo, the Department is placing an order with the Singer Sewing Machine Company, Winnipeg, Man., for three (3) sewing machines for the Blue Quills Indian Residential School. These will be shipped direct to the Principal. The account covering the cost of the machines will also be forwarded to him. The price charged for each of these machines is \$63.75 less 45% on gross cash.

You should instruct the Principal to certify the account and forward same to the Department when the machines are received.

Yours truly,

2 letters

R. A. Hoey.
Supt. of Welfare & Training.

W. E. Gullion, Esq.,
Indian Agent,
Saddle Lake, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA



SHOP AT Vegreville 1937
 M. Pro. L. Balle OMI June 3
Blue Hill Indian School
St. Paul
 BOUGHT OF
SINGER SEWING MACHINE COMPANY
 INCORPORATED

No.

3	Singer Sewing Machines.		
	1973-9	each	35.07
	730 989	..	35.07
	798 326	..	35.07
	730 835	..	35.07

Received in good order
Balle
St. Paul

Total \$105.21

Indian Affairs. School Files.
 (RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES.
 CANADA

POOR COPY



Voucher No. 54.....

DEPARTMENT OF INDIAN AFFAIRS

To Singer Sewing Machine Co.,.....

Vegreville,.....

Alberta,.....

DATE 1937	SERVICE	AMOUNT
June 14	To sewing machines supplied for Blue Quill's school, as per statement attached, . 3 machines @ \$35.07	105 21
	<p><i>29.6.37</i></p> <p>Voucher in duplicate detached for Accountant to pay. 100.00</p> <p>Auth; Dept. letter No. 118-1-5 dated April 29, 1937.</p> <p>SCHOOLS</p>	
	TOTAL,	105 21
	Vr. 54	

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just; also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

Reduction
Agent

FORM No. 506

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

St Paul June 8th 1937

Saddle Lake Agency
Wm Cullion agent

I acc. with James Fraser
John Dew agent St Paul.

May 15th 1-~~2~~ 400 Potatoes
Indian school

\$ 113.25
393

Fright

\$ 117.18

Yours
Please Permit and oblige

J Fraser

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY



Voucher No. 53

DEPARTMENT OF INDIAN AFFAIRS

To James Fraser,

St. Paul,

Alberta.

DATE 1937	SERVICE	AMOUNT
June 14	To potato planter supplied for Blue Quill school, as per statement attached.	117 18
TRIPPLICATE FOR FILE Voucher in duplicate detached for Accountant to pay.		
Authority; Dept. letter No. 118-1-5 dated April 29, 1937.		
Schools		
Vr. 53	TOTAL,	117 18

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just; also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

Johnston
Agent

FORM No. 508

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5-



B



Letter No.

[Handwritten signature]

Office of the Saddle Lake Indian Agency

June 16 1937

Sir,

I enclose herewith Vouchers Nos. 53-54,
amounting to \$ 222.39 in favour
of Jas. Fraser \$117.18 Singer Sew. Mach. #10521
for

This expenditure was authorized by Departmental
Letter No. dated

Your obedient servant,

W. E. Gullion
Indian Agent.
[Signature]

The Secretary,
Department of Indian Affairs,
Ottawa.

Form No. 101

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5

CALGARY POWER COMPANY, LIMITED

HEAD OFFICE: 244 BAY ST.
MONTREAL

CALGARY OFFICE
INSURANCE EXCHANGE BUILDING



CALGARY, ALBERTA

June 15th, 1937

Dr. H. W. McGill,
Director Indian Affairs Branch,
Department of Mines and Resources,
OTTAWA, Canada.

Your: 118-1-5

Dear Sir,

We have been delayed in replying to your letter of April 27th regarding the transmission line running west from the Town of St. Paul to the Blue Quills Indian Residential School.

We have discussed this matter fully with the Canadian Utilities Limited. Except for a slight change in the wording they are in agreement with Clause (a) of your letter and have no objection to Clause (b). Clause (c) however in its present form would conflict with their Trust Deed but we believe that practically the same result and an equally satisfactory guarantee to you can be accomplished as set out below. The following clauses have been drafted by us in collaboration with the Canadian Utilities:

- (a) That the Canadian Utilities Limited, its successors and assigns, will permanently supply the necessary electric energy to the School for light and power, metering the same as at present on the secondary side of the supply transformers.
- (b) That the rates charged for such service shall not be greater than those prevailing for similar service from time to time in the Town of St. Paul de Metis.

We believe the addition of the words "its successors and assigns" to Clause (a) eliminates any necessity of Clause (b) of your letter and we suggest that it also eliminates the necessity of the guarantee you are seeking under Clause (c) of your letter since it insures that should the Canadian Utilities relinquish ownership of the system, then its successor automatically undertakes the same guarantee to supply service to you.

Indian Affairs. School Files.
(RG 10, Volume 6340, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

CALGARY POWER COMPANY
LIMITEDIndian Affairs Branch,

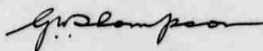
-2-

June 15, 1937

Clause (b) we believe is a better guarantee to you in respect to rates than you had in your Clause (a) since it means that any reduction in the rates in St. Paul will automatically benefit you and any increase in the rates is most unlikely.

At your convenience will you kindly advise us whether an arrangement along the lines of Clauses (a) and (b) above will be satisfactory to you.

Yours truly,



Manager.

GHT:c

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118-1-5

EXD.

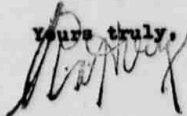
Ottawa, June 25th, 1937.

Dear Sir,-

With reference to your letter of April 17th (File 41167-W) regarding the power line supplying electrical energy to the Blue Quills Indian Residential School, the Department wrote the Calgary Power Company Limited and, for your information, I enclose a copy of our letter to them. They have replied in a communication dated the 15th instant, a copy of which is enclosed.

I would appreciate an early reply from you, stating if you consider the changes suggested by the Calgary Power Company should be accepted.

Yours truly,



R. A. Hoey.
Supt. of Welfare & Training.

J. T. Johnston
J. T. Johnston, Esq.,
Controller,
Dominion Water & Power Bureau,
Surveys & Engineering Branch,
Dept. of Mines & Resources,
O t t a w a.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118/1/5 EX'D. R

HFC:HMB.

ADDRESS REPLY TO
DOMINION WATER AND POWER BUREAU

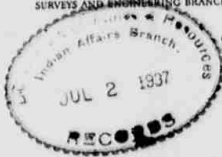


CANADA
DEPARTMENT
OF
MINES AND RESOURCES
SURVEYS AND ENGINEERING BRANCH

QUOTE FILE. 41167-W.

Your file 118-1-5.

OTTAWA, June 29th, 1937.



1-Rec'd
2-File

Sir,-

I have received your letter of the 25th instant with reference to the power line supplying electrical energy to the Blue Quills Indian Residential School, together with copies of correspondence between the Indian Affairs Branch and the Calgary Power Company relative to the conditions under which it is proposed to transfer the power line to the Canadian Utilities Company.

It appears to me that the changes suggested by the Calgary Power Company should be acceptable to the Indian Affairs Branch, but before making a definite recommendation, I am sending a copy of the correspondence to Mr. Hoover, our Engineer in Charge at Calgary, who is responsible for the report which accompanied my letter of April 17th. I am asking Mr. Hoover to reply by telegram if he considers the changes should be accepted so that the matter may be concluded as soon as possible.

Answer from the
Ministry

Your obedient servant,

J.T. Johnston,
Controller.

J.T. Johnston

R. A. Hoey, Esq.,
Superintendent of Welfare & Training,
Indian Affairs Branch,
Department of Mines and Resources,
O t t a w a.

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

118/1/5

MFC:HMB.

ADDRESS REPLY TO
DOMINION WATER AND POWER BUREAU



CANADA
DEPARTMENT
OF
MINES AND RESOURCES
SURVEYS AND ENGINEERING BRANCH

QUOTE FILE 41167-W.

Your file 118-1-5.

Scuff

OTTAWA, July 3rd, 1937.



R

Sir,-

In further reference to your letter of June 25th regarding the power line to supply electrical energy to the Blue Quills Indian Residential School, I have referred to Mr. Hoover, our Engineer in Charge at Calgary, the changes suggested by the Calgary Power Company in the proposed conditions, in accordance with which the power line is to be transferred to the Canadian Utilities Company.

Mr. Hoover considers the conditions suggested by the Calgary Power Company are quite satisfactory and I am also of the opinion that they sufficiently protect the power supply to the school and should be accepted as the basis of the transfer.

Your obedient servant,

J.T. Johnston,
Controller.

J. T. Johnston

R. A. Hoey, Esq.,
Superintendent of Welfare & Training,
Indian Affairs Branch,
Department of Mines and Resources,
O t t a w a.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

EX'D.

Ottawa, July 7th, 1937.


Gentlemen,-

With reference to your letter of the 15th ultime, the Department accepts the changes which you suggest in the agreement concerning the transmission line running west from the Town of St. Paul to the Blue Quills Indian Residential School. I would appreciate it if you would forward an agreement for signature.

Yours truly,



R. A. Hoey.
Supt. of Welfare & Training.



Calgary Power Company, Limited,
Insurance Exchange Building,
Calgary, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

407-11A.

PB

Calgary, August 14th, 1937.

Dear Sir:

I am this day in receipt of a letter from the Rev. Father Allard of Blue Quills Indian Residential School, enquiring what is being done regarding the root-house they intend building, a plan of which he states he handed to you. I presume this is the plan you sent me, together with yours.

From Father Allard's letter mentioned above, I understand that application was to be made to the Department for funds to build this root-house. This is the first I hear of this: Your letter of July 12th, in reply to my No. 400-30. of June 26th asking you to submit the plan of the root-house you intend building at the Agency, does not say so. While you state you enclose a plan of the root-house Father Allard wishes to build, and that the cost will be about \$600.00, including labour, no request is made for assistance. My interpretation of your letter was that you were enclosing his root-house plan for comparative purposes.

I am returning herewith the plans prepared for Father Allard, and would ask you to call on him at once, and while with him immediately prepare a letter to the Department, giving full particulars and details, and asking for an early reply.

Please let me have a copy for my file. I am forwarding a copy of this letter to the Rev. Father Allard.

Yours truly,

W. E. Gullion, Esq.,
Indian Agent,
SADDLE LAKE, Alta.

C. Pant. Schmidt,
Inspector of Indian Agencies,
Alberta Inspectorate.

COPY: Rev. J.H.O. Allard, O.M.I., St. Paul, Alta.
For your information.

COPY:

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

INSPECTOR OF INDIAN AGENCIES

407-11A.



CANADA

DEPARTMENT
OF
MINES AND RESOURCES

PB

118-1-5

RECEIVED

INDIAN AFFAIRS
Department of Mines & Resources
Indian Affairs Branch
AUG 16 1937
RECORDS

ATTENTION: Mr. R. A. Hoey.

Calgary, August 14th, 1937

Sir:

I beg to enclose herewith copy of a letter I have today addressed to Mr. W. E. Gullion, Indian Agent, Saddle Lake.

When at Blue Quills School on May 28th, last, I saw the old side bank root house, which was showing signs of caving in, and in my opinion was not worth repairing. Rev. Father Allard, the Manager (Bursar) at the School, informed me he intended building a new one, the plans of which he had not yet prepared. We discussed the matter at length, as I was deeply interested, having several root houses to build under Special Welfare. During the summer I have received from the different Agents plans of root-houses I had asked them to prepare: On July 19th I received Mr. Gullion's, enclosed with which was a plan of the new root house to be built at Blue Quills School, which, as stated in my letter attached hereto, I thought he had sent for comparative purposes.

*Group
11-400*

As it is, Blue Quills School have no root house, and I am very much disappointed about it, as the season is rapidly advancing. In another six weeks we will be having cold nights and frosts, and taking up of garden stuff will begin. The old root house is not worth repairing, and a new one will have to be built.

Rev. Father Allard, I understand, made application to Agent Gullion for assistance to build this root house, and through my mis-interpreting the Agent's letter, the matter has not been placed before the Department.

I strongly recommend that when the application is received from Mr. Gullion, that authority be given to erect the root house.

Your obedient servant,

The Secretary,
Indian Affairs Branch,
Dept. of Mines & Res.,
O T T A W A .

C. Pant. Schmidt,
Inspector of Indian Agencies,
Alberta Inspectorate.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Form 6102B

CLASS OF SERVICE DESIRED

FULL-RATE MESSAGE	
DAY LETTER	
NIGHT MESSAGE	
NIGHT LETTER	<input checked="" type="checkbox"/>

PATRONS SHOULD MARK AN X OPPOSITE THE CLASS OF SERVICE DESIRED. OTHERWISE THE MESSAGE WILL BE TRANSMITTED AS A FULL-RATE TELEGRAM

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D. F. GALLOWAY, Assistant Vice-President, Toronto, Ont.

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CHECK

R 2120

Send the following message, subject to the terms on back hereof, which are hereby agreed to
Veuillez expédier la dépêche suivante aux conditions mentionnées au verso auxquelles je consens par les présentes

NIGHTLETTER

OTTAWA, SEPTEMBER 3, 1937

W.E. GULLION
INDIAN AGENT
SADDLE LAKE, ALTA.

sent by radio

IN LETTER DATED AUGUST FOURTEENTH INSPECTOR SCHMIDT STATED YOU WERE FORWARDING FULL PARTICULARS REGARDING ROOT HOUSE FOR BLUE QUILLS SCHOOL STOP NO INFORMATION YET RECEIVED FROM YOU PLEASE FORWARD SAME AT ONCE.

T.R.L. MACINNES

This message not sent

I.A.
MINES & RESOURCES.

*By radio to Edmonton
please*

W.E.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

See if report is
received from
Gullion, Saddle
Lake - before
sending Radio
message

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

Root House 18' x 30' x 7'

	price	Total
52 Tamarack posts 6" x 8" set in concrete	0.15	7.80
4 - 2x6 x 16 plates		
4 - 2x6 x 16 "		
4 - 2x6 x 12 "		
4 - 2x6 x 8 "		
32 2x4 x 14 wall		
22 2x6 x 12 joist		
16 - 2x6 x 8 "		
10 - 2x4 x 6 wall plates		
6 - 2x4 x 14 wall plate		
32 2x4 x 12 rafters		
5 - 2x4 x 10 "		
3900 ft. Bratch board 1" x 8"		
10 - 2x6 x 16 for partitions		
40 - 2x6 x 12 " "		
50 - 2x6 x 10 " "		
7 cu Shingles #1 - x x x		
18 lbs Shingle nails		
100 lbs 3 1/2" common nails		
50 lbs 4" nails		
4 sets 6" strap hinges		
4 sacks cement		
1300 cubic ft of Shavings		

Cost

Shingles	40.00	
Posts	7.80	
Lumber	190.00	
Hardware	15.00	
Cement	9.00	261.80
Shavings	50.00	
Labot	200.00	without excavating 200.00

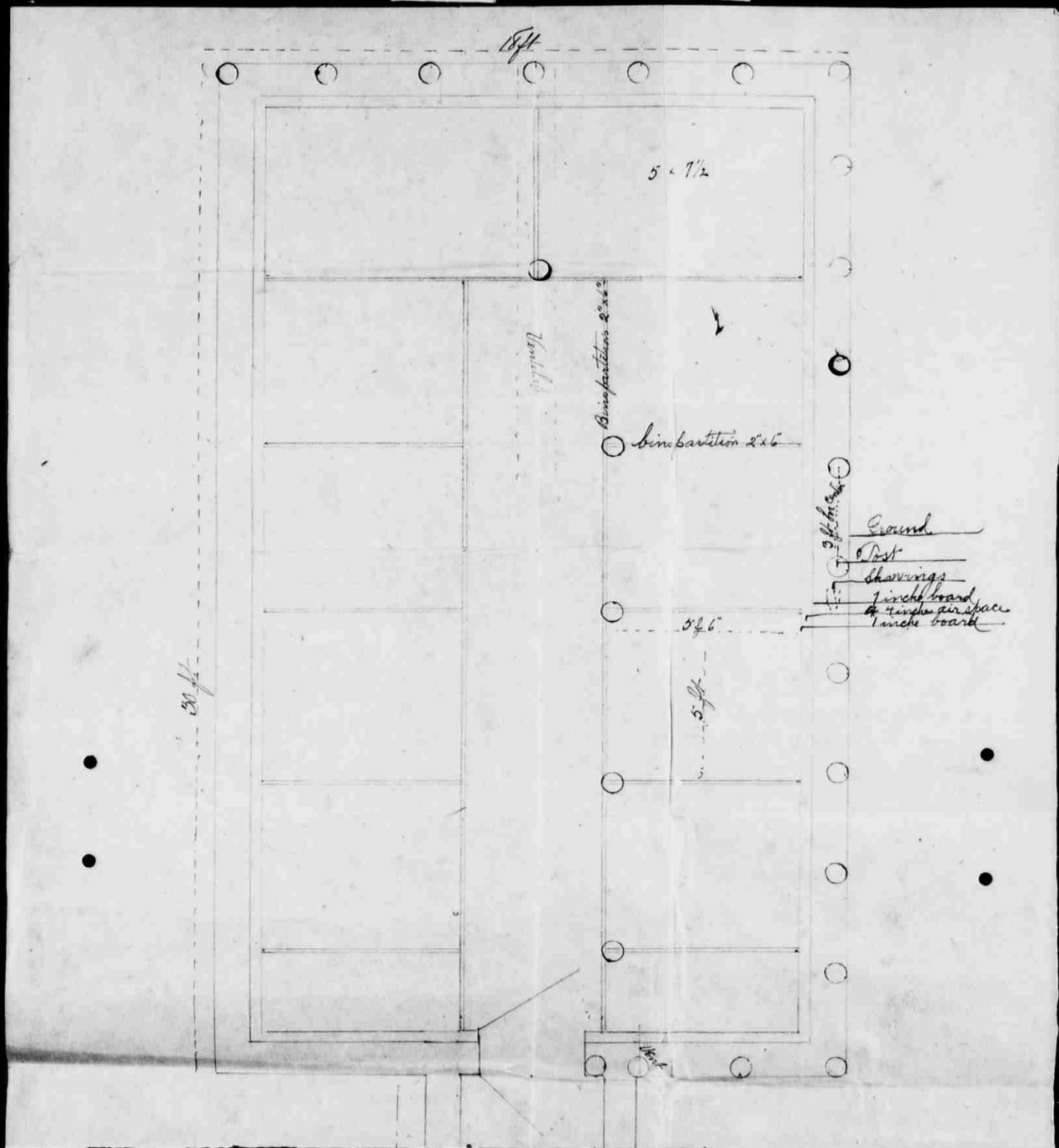
5 - 2x4 x 10 "
 2700 ft Bratch board 1" x 8"
 10 - 2x6 x 16 for partitions
 10 - 2x6 x 12 " "
 50 - 2x6 x 10 " "
 7 m Shingles #1 - x v x
 18 lbs Shingle nail
 100 lbs 8 1/2" common nail
 50 lbs 4" nails
 4 sets 6" strap hinge
 2 sacks of
 1300 cubic ft of Shavings

Cost

Shingles	40.00	
Posts	7.80	
Lumber	190.00	
Hardware	15.00	
Cement	9.00	261.80
Shavings	50.00	
Labor	200.00	without excavating
		200.00
Excavating	50.00	50
Incidental	about 40.00	

POOR COPY

1 of



Indian Affairs - School Files,
186-10, Volume 6349, File 731-5, part 5)

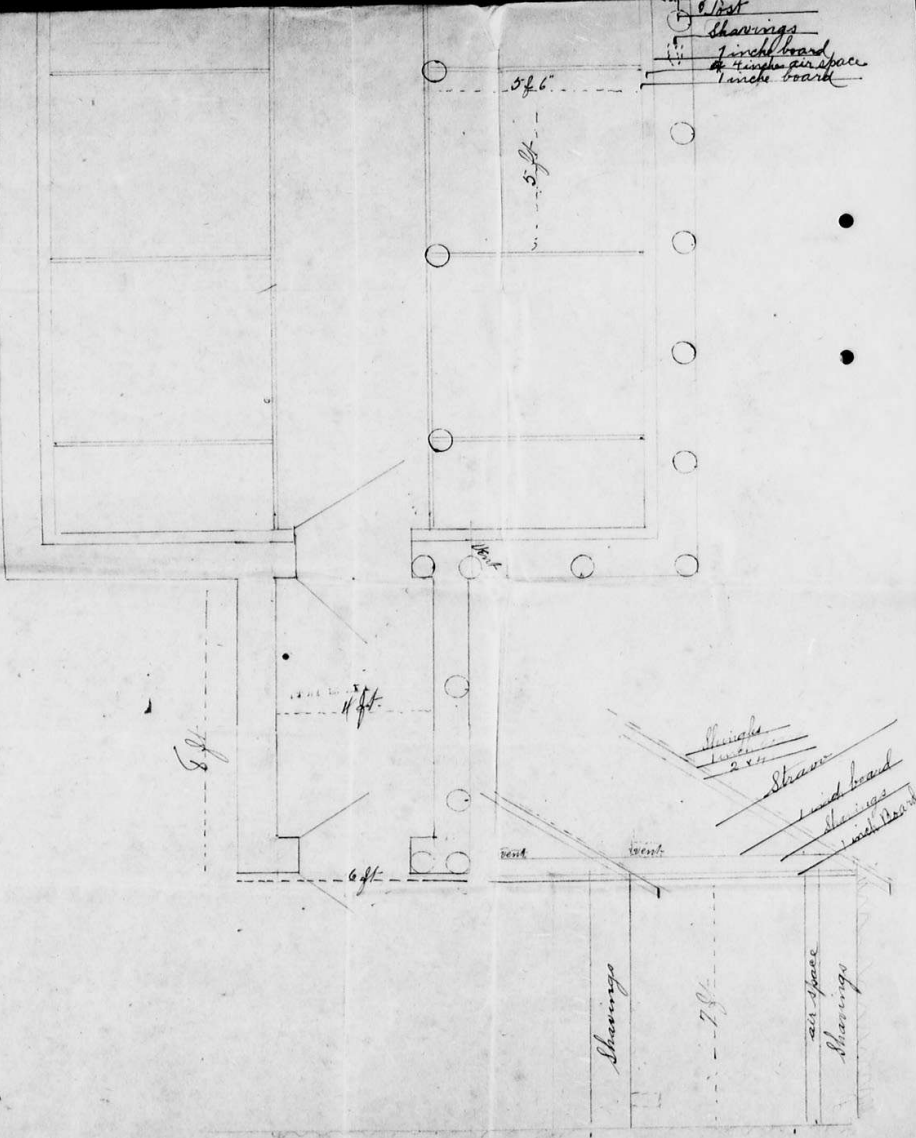
PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

POOR COPY

2 of 2

Plan of roof cellar from
Blair Quillie Ind. Residential
Scheme.
Estimate of east on back.

30 ft



Indian Affairs, School Files,
ORE R., Volume 6346, File 731-5, part 3)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES
CANADA

DEPARTMENT OF INDIAN AFFAIRS
CANADA



118-1-5
R

OFFICE OF
INDIAN AGENT

Saddle Lake, Alta.,
Aug. 30, 1937.



Sir,-

I beg to inform you that in order to provide for storage of potatoes and vegetables grown in the school garden, it will be necessary to have a proper root cellar built at the Blue Quill's Indian Residential school. The old root cellar, which was found very unsatisfactory, recently caved in and is now useless.

I have discussed this matter with the Reverend Principal and I am enclosing herewith, plan of root cellar submitted by him. The plan of root cellar submitted would no doubt prove satisfactory and the approximate cost of \$600.00 for material and labor would appear to be reasonable. The list of materials, etc., required is given on the back of the sheet showing plan.

There will be a considerable crop of potatoes and vegetables to harvest this year and as there are no storage facilities at the school, I should be glad to have the building of a suitable root cellar authorized. As the season is advanced, the Reverend Principal would appreciate approval of his request by wire.

Your obedient servant,

W. E. Quillion
W. E. Quillion,
Indian Agent.

The Secretary,
Indian Affairs Branch,
Dept. of Mines & Resources,
Ottawa,
Ont.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

CLASSES OF SERVICE

DAY MESSAGES
DAY LETTERS
NIGHT MESSAGES
NIGHT LETTERS

DEPARTMENT

112-1-5.

NATIONAL DEFENCE



RADIOTELEGRAPH SERVICE

ADMINISTERED BY DIRECTOR OF SIGNALS—OTTAWA

TELEGRAPH, CABLE
AND RADIO
CONNECTIONS
TO ALL PARTS OF
THE WORLD

*Received by J. B.
11.55 AM*

Ottawa, September 4, 1937.

REVEREND L. BALTER,
Blue Quills Indian Residential School,
SAINT PAUL, Alberta.

YOU ARE AUTHORIZED TO PROCEED WITH CONSTRUCTION OF
ROOT HOUSE.

T. R. L. MacINNES.

RA
Indian Affairs,
Mines & Resources.

T. R. L. MacInnes

D. Sign.—G. F. 4 (a)
124 pads of 100—4-22 (4224)
H.Q. 25-24

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

EX'D.

Ottawa, September 7, 1937.

Sir:-

With reference to your letter of the 30th ultimo, the Department wired Reverend Leon Walter, O.M.I., Principal of the Blue Quills Indian Residential School on the 4th instant, authorising him to proceed with the construction of the Rect House recommended in your letter.

Yours truly,

R.A. Hoey,
Supt. of Welfare & Training.

W.E. Gullion, Esq.,
Indian Agent,
Saddle Lake, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

POOR COPY



DEPARTMENT OF MINES AND RESOURCES
INDIAN AFFAIRS BRANCH

PAY TO: Keyward Lumber Co., Ltd.,
ADDRESS: St. Paul,
Alberta.

THIS SPACE FOR
TREASURY ONLY

CHEQUE NO.

DATE:

VOTE		AGENCY	
ALLOT.	E. R.	AMOUNT	

TOTAL

EXAMINED AND FOUND CORRECT

DATE:

1937 DATE	SERVICE	AMOUNT
Sept.	To varnish supplied to Blue Quill's School, St. Paul, as per statement attached.	7 50
TRIPPLICATE FOR FILE <i>13-10-37</i> Voucher attached to statement for Accountant to pay		
Authority: Dept. letter No. 118-1-5 dated April 29, 1937.		
Voucher No. 127		TOTAL 7 50

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just, also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

W. Beaulieu

Agent

FORM No. 566

Indian Affairs, School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

118-1-3



CANADA



Letter No.

EX'D.

[Handwritten signature]

Office of *Saddle Lake* Indian Agency,

[Handwritten mark]

Oct 5, 1937

Sir,

I enclose herewith Vouchers Nos. *127-128-129*,
amounting to \$ *750* in favour
of *Hayward Lk Co. 7.50 N. Quebec 81.00*
S. Sabourin 11.50
for

This expenditure was authorized by Departmental
Letter No. dated

Your obedient servant,

W. E. Gullison

Indian Agent.

[Handwritten signature]

The Secretary,
Department of Indian Affairs,
Ottawa.

Form No. 518

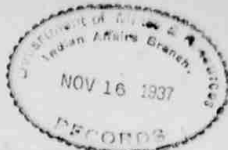
Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

EXTRACT
ORIGINAL ON

75-118

118-1-5



AGENT'S REPORT ON SADDLE LAKE AGENCY FOR OCTOBER 1937.

x x x

File

R

A new root cellar was constructed at the
Blue Quills Indian Residential school and a root cellar was
also constructed at the agency.

x x x

W. E. Gullion.

Indian Agent.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

1384-ETC
DATED 27 July, A.D. 1937.

HIS MAJESTY KING GEORGE THE SIXTH

- and -

CANADIAN UTILITIES LIMITED

- and -

CALGARY POWER COMPANY LIMITED

A G R E E M E N T

BENNETT, HANNAH, NOLAN, CHAMBERS & MIGHT
BARRISTERS, SOLICITORS
CALGARY - CANADA

File 13844-ETC.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

1388 COPY

THIS AGREEMENT made in triplicate this *Twenty-seventh*
day of July, A.D. 1937,

BETWEEN:

HIS MAJESTY KING GEORGE THE SIXTH,
as represented by the Director of the
Indian Affairs Branch of the Department
of Mines and Resources of the Dominion
of Canada (hereinafter called "the
Crown")

OF THE FIRST PART.

- and -

CANADIAN UTILITIES LIMITED, a body
corporate with Head Office at the
City of Calgary, in the Province of
Alberta (hereinafter called "the
Utilities")

OF THE SECOND PART,

- and -

CALGARY POWER COMPANY LIMITED, a body
corporate with Head Office at the City
of Montreal, in the Province of Quebec
(hereinafter called "the Power
Company")

OF THE THIRD PART.

WHEREAS pursuant to an Agreement, dated the 15th day of
December, 1930, and made between the Crown, as represented by the Department of
Indian Affairs of the Dominion of Canada, and the Power Company (hereinafter
called "the 1930 Agreement"), the Power Company constructed an electric trans-
mission line from the limits of the Town of St. Paul de Metis, in the Province of
Alberta, to the Blue Quills Indian School, together with a substation at the said
School (which line and substation are hereinafter referred to as "the said Works")

HEWITT, HARRISON, INGLAN, CHAMBERS & NIGHT

Indian Affairs, School Files,
(RG 10, Volume 6340, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

and

WHEREAS under the terms of the 1930 Agreement the ownership of the said Works was retained by the Crown; and

WHEREAS by virtue of the 1930 Agreement the Crown is responsible for the maintenance of the said Works; and

WHEREAS under the 1930 Agreement the Power Company agreed to supply electric power and energy to the Crown for the Blue Quills Indian School from the Power Company's electric system in the Town of St. Paul de Metis, for which the Crown agreed to pay as provided in the 1930 Agreement; and

WHEREAS the Power Company has sold and transferred to the Utilities its said electric system in the Town of St. Paul de Metis,

NOW THEREFORE THIS AGREEMENT WITNESSETH:

1. For and in consideration of the sum of One Dollar (\$1.00) of lawful money of Canada paid by the Utilities to the Crown (the receipt whereof is hereby acknowledged), the Crown doth hereby sell, transfer and assign to the Utilities all the right, title and interest of the Crown in and to the said Works, absolutely and forever.
2. The Power Company doth hereby sell, transfer and assign to the Utilities all the legal and beneficial right, title and interest of the Power Company in and to the said Works, absolutely and forever.
3. The Utilities, its successors and assigns, shall supply to the Crown the entire electric light and power requirements of the said Blue Quills Indian School by delivering the same at the meters as presently located on the secondary side of the supply transformers at the said sub-station forming part of the said Works. Provided that the Utilities, its successors and assigns, shall not be liable for any failure to supply such

electric light and power, caused by reason of, or on account of, any strike of workmen, act of God, unavoidable accident or any other circumstance beyond its control, provided that the Utilities shall take all reasonable precautions and adopt all reasonable measures to prevent or remove the cause of any such failure to supply.

4. The said electric power and energy to be supplied hereunder shall be measured at and by the meters referred to in the next preceding clause hereof, and the Crown shall monthly pay the Utilities for all such power and energy at rates not in excess of those from time to time prevailing for similar service in the Town of St. Paul de Metis.

5. The Utilities, its successors and assigns, shall assume and be responsible for the maintenance and operation of the said Works.

6. Except as varied hereby the 1930 Agreement shall remain in full force and effect as between the Crown and the Utilities, to the latter of whom the Power Company hereby assigns all its right, title and interest in and under the 1930 Agreement.

7. The Utilities shall not dispose of the said Works and/or its electric system in the Town of St. Paul de Metis except on the condition that any person, firm or corporation acquiring the same shall assume, undertake and carry out all the terms and conditions of this Agreement on the part of the Utilities herein contained.

THIS AGREEMENT and everything herein contained shall be binding upon and inure to the benefit of the successors and assigns of the parties hereto respectively.

IN WITNESS WHEREOF the Parties hereto have caused these

presents to be executed as of the day and year first above written.

(SEAL)

Harold W. Hill

CANADIAN UTILITIES LIMITED,

(SEAL)

[Signature]
Vice Pres
[Signature]
Secretary

GALGARY POWER COMPANY LIMITED,

(SEAL)

[Signature]
[Signature]

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

DATED 27 July, A.D. 1937.

HIS MAJESTY KING GEORGE THE SIXTH

- and -

CANADIAN UTILITIES LIMITED

- and -

CALGARY POWER COMPANY LIMITED

A G R E E M E N T

BENNETT, HANNAH, NOLAN, CHAMBERS & MIGHT
BARRISTERS, SOLICITORS
CALGARY - CANADA

File 13844-EJC.

Indian Affairs, School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

THIS AGREEMENT made in triplicate this *Twenty seventh*
day of July, A.D. 1937,

BETWEEN:

HIS MAJESTY KING GEORGE THE SIXTH,
as represented by the Director of the
Indian Affairs Branch of the Department
of Mines and Resources of the Dominion
of Canada (hereinafter called "the
Crown")

OF THE FIRST PART,

- and -

CANADIAN UTILITIES LIMITED, a body
incorporate with Head Office at the
City of Calgary, in the Province of
Alberta (hereinafter called "the
Utilities")

OF THE SECOND PART,

- and -

CALGARY POWER COMPANY LIMITED, a body
incorporate with Head Office at the City
of Montreal, in the Province of Quebec
(hereinafter called "the Power
Company")

OF THE THIRD PART,

WHEREAS pursuant to an Agreement, dated the 15th day of
December, 1930, and made between the Crown, as represented by the Department of
Indian Affairs of the Dominion of Canada, and the Power Company (hereinafter
called "the 1930 Agreement"), the Power Company constructed an electric trans-
mission line from the limits of the Town of St. Paul de Metis, in the Province of
Alberta, to the Blue Quills Indian School, together with a substation at the said
School (which line and substation are hereinafter referred to as "the said Works")

BENNETT, HANNAH, NOLAN, CHAMBERS & MIGHT

Indian Affairs, School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

and

WHEREAS under the terms of the 1930 Agreement the ownership of the said Works was retained by the Crown; and

WHEREAS by virtue of the 1930 Agreement the Crown is responsible for the maintenance of the said Works; and

WHEREAS under the 1930 Agreement the Power Company agreed to supply electric power and energy to the Crown for the Blue Quills Indian School from the Power Company's electric system in the Town of St. Paul de Metis, for which the Crown agreed to pay as provided in the 1930 Agreement; and

WHEREAS the Power Company has sold and transferred to the Utilities its said electric system in the Town of St. Paul de Metis,

NOW THEREFORE THIS AGREEMENT WITNESSETH:

1. For and in consideration of the sum of One Dollar (\$1.00) of lawful money of Canada paid by the Utilities to the Crown (the receipt whereof is hereby acknowledged), the Crown doth hereby sell, transfer and assign to the Utilities all the right, title and interest of the Crown in and to the said Works, absolutely and forever.
2. The Power Company doth hereby sell, transfer and assign to the Utilities all the legal and beneficial right, title and interest of the Power Company in and to the said Works, absolutely and forever.
3. The Utilities, its successors and assigns, shall supply to the Crown the entire electric light and power requirements of the said Blue Quills Indian School by delivering the same at the meters as presently located on the secondary side of the supply transformers at the said sub-station forming part of the said Works. Provided that the Utilities, its successors and assigns, shall not be liable for any failure to supply such

Indian Affairs, School Files.
(RC 10, Volume 6346, File 731-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

electric light and power, caused by reason of, or on account of, any strike of workmen, act of God, unavoidable accident or any other circumstance beyond its control, provided that the Utilities shall take all reasonable precautions and adopt all reasonable measures to prevent or remove the cause of any such failure to supply.

4. The said electric power and energy to be supplied hereunder shall be measured at and by the meters referred to in the next preceding clause hereof, and the Crown shall monthly pay the Utilities for all such power and energy at rates not in excess of those from time to time prevailing for similar service in the Town of St. Paul de Metis.

5. The Utilities, its successors and assigns, shall assume and be responsible for the maintenance and operation of the said Works.

6. Except as varied hereby the 1930 Agreement shall remain in full force and effect as between the Crown and the Utilities, to the latter of whom the Power Company hereby assigns all its right, title and interest in and under the 1930 Agreement.

7. The Utilities shall not dispose of the said Works and/or its electric system in the Town of St. Paul de Metis except on the condition that any person, firm or corporation acquiring the same shall assume, undertake and carry out all the terms and conditions of this Agreement on the part of the Utilities herein contained.

THIS AGREEMENT and everything herein contained shall be binding upon and inure to the benefit of the successors and assigns of the parties hereto respectively.

IN WITNESS WHEREOF the Parties hereto have caused these

presents to be executed as of the day and year first above written.

(SEAL)

Harold Woodwell

(SEAL)

CANADIAN UTILITIES LIMITED,

A. G. Jones
A. H. Ford

(SEAL)

CALGARY POWER COMPANY LIMITED,

W. G. Smith
A. B. Dwyer

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

118-1-5
CALGARY POWER COMPANY, LIMITEDHEAD OFFICE: 244 ST. JAMES ST.
MONTREALCALGARY OFFICE
INSURANCE EXCHANGE BUILDING

CALGARY, ALBERTA

October 16th, 1937



R

Schroder

Department of Mines and Resources,
Indian Affairs Branch,
OTTAWA, Ont.

Your file: 118-1-5

Attention: Mr. R. A. Hoey,
Supt. Welfare & Training.

Dear Sirs,

Referring to your letter of July 7th, we have met with some delay in having an agreement prepared covering the transmission line owned by your Department and which runs west from the Town of St Paul to the Blue Quills Indian Residential School. This agreement has now been completed however and signed by the Canadian Utilities Limited and our own Company. Six copies dated July 27th 1937 are enclosed herewith. If the agreement as it stands is satisfactory to you, will you kindly have it completed by your Department, retaining two copies and returning four copies to us, two of which we shall turn over to the Canadian Utilities. If you require further copies kindly advise us.

Yours truly,

Manager.

GHT:c

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

116-1-5

EXL.


Ottawa, December 8, 1937.

Dear Sir:-

With reference to your letter of October 16th, I enclose four copies of the Agreement with reference to the transmission line between the town of St. Paul and the Blue Quills Indian Residential School. You will note that these copies have been signed by Dr. H.W. McGill, Director of Indian Affairs Branch.

Yours truly,

R.A. Hoey,
Supt. of Welfare & Training.


G.W. Thompson, Esq.,
Manager,
Calgary Power Co. Ltd.,
Calgary, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

118-1-5-
CALGARY POWER COMPANY, LIMITEDHEAD OFFICE, 244 ST. JAMES ST.
MONTREALCALGARY OFFICE
INSURANCE EXCHANGE BUILDING

CALGARY, ALBERTA

EX'D.

December 7th, 1937

[Handwritten signature]

Department of Mines and Resources,
Indian Affairs Branch,
OTTAWA, Canada.

Your file: 118-1-5.

Attention: Mr. R. A. Hoey,
Supt. Welfare & Training.

Dear Sirs,

With our letter of October 16th we sent you six copies of an agreement dated July 27th, 1937, between your Department, Canadian Utilities Limited and our Company. Will you please advise us whether this agreement is satisfactory to you and, if so, when we may expect to receive completed copies. It would help both the Canadian Utilities and ourselves in connection with our records if this matter could be straightened out before the end of the year.

Yours truly,

[Handwritten signature]

Manager.

GHT:c

Indian Affairs, School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

118-1-5

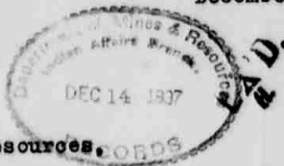
CALGARY POWER COMPANY, LIMITED

HEAD OFFICE: 244 ST. JAMES ST.
MONTREAL

CALGARY OFFICE/
INSURANCE EXCHANGE BUILDING

CALGARY, ALBERTA

December 11th, 1937



Department of Mines and Resources,
Indian Affairs Branch,
OTTAWA, Canada

Your file: 118-1-5

Attention: Mr. R. A. Hoey,
Supt. Welfare & Training.

Dear Sirs,

We thank you for your letter of the 8th instant together with the four signed copies of the agreement with reference to the transmission line between the Town of St Paul and the Blue Quills Indian Residential School.

Yours truly,

Manager.

GHT:c

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

POOR COPY



DEPARTMENT OF MINES AND RESOURCES
INDIAN AFFAIRS BRANCH

PAY TO Rev. L. Balter S.M.I
ADDRESS Principal - St. Charles Res Sch
St. Paul
Alta

THIS SPACE FOR TREASURY ONLY

CHEQUE No.

DATE

VOTE		AGENCY	
ALLOT.	E. R.	AMOUNT	
TOTAL			

EXAMINED AND FOUND CORRECT

DATE

DATE	SERVICE	AMOUNT
	To payments made for lumber to erect outbuilding at St. Charles Res Sch. as per statement and receipted acts attached.	
	T.W. Rochleau of May/37 = 114 ²⁴	
	" " June/37 = 253 ⁹²	
	" " Aug/37 = 184 ⁴⁶	
	<u>7552.62</u>	
	Dept agreed to allow on the above an amount of	\$ 450.00
	<i>Copy Only See Voucher Dated 3/3-38</i>	
	TOTAL	

I HEREBY CERTIFY that this Voucher is correct, that the material has been supplied, the work performed and that the charges are fair and just, also that the expenditure has been incurred legitimately and that each item of the same is a fair and just charge against the Government of Canada.

FORM No. I.A. 506
R. 7747

Agent

VOUCHER No.

DATE

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

#15

118-1-5

Blue Quills Res. School,

St. Paul, Alberta.

Dec. 18th, 1937.

R

*Receved
L. Balter*
Mr. R. A. Hoey,

Supt. of Welfare and Training,

Indian Affairs Branch, Ottawa.



Dear Sir:

Our Superior, Reverend Father Langlois, after an interview with the Indian Affairs Branch at Ottawa, wrote to us that in consideration of our present financial difficulties you would reimburse a part of the expenses incurred by constructing certain buildings which were urgent and which we have built this year at Blue Quills School.

Please find enclosed a detailed account of the material needed for these buildings and a triplicate statement from the Firms from whom we have bought this material.

Hoping that you will be able to render us this financial assistance we remain,

Very sincerely yours,

L. Balter

Rev. L. Balter, O.M.I.

Principal.

Indian Affairs, School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

118-1-5

*File
118-1-5*

Ottawa, January 14, 1938.

Reverend Sir:-

The Department finds it necessary to return the voucher which you submitted in favour of the Principal of the Blue Quills Residential School.

The account from the Imperial Lumber Co., dated November 2, reads: "Nails - \$11.00". The account should show the number of pounds of nails and the price per pound.

There is also an item on this account reading: "Hinges, etc. - \$1.25". This item should show the number of hinges and the price for each.

With regard to the accounts dated October 14th and November 2nd for labour, each of these accounts should show the exact dates between which the men were employed. Please have the necessary information supplied on the account and return same at the earliest possible date, in order that payment can be made.

Yours truly,

R. A. Hoey
R.A. Hoey,
Supt. of Welfare & Training.

R.A.
Rev. L. Balter, O.M.I.,
Principal,
Blue Quills Res. School,
St. Paul, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

Over ~~500.00~~ 500.00

Nails Number of lbs
Hinges How many?

Labour datus Reg.

F.R.
52.
751
169
20
1301

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

118-1-5



JAN 10 1938
RECORDED

Letter No.

Handwritten initials and scribbles

Office of the Saddle Lake Indian Agency,

Dec 31 1937

Sir,

I enclose herewith Vouchers Nos. 192,

amounting to \$ 587.22 in favour

of The Principal Blue Quill School

for

This expenditure was authorized by Departmental

JAN 10 1938
RECORDED

Letter No. dated

Your obedient servant,

W. E. Gullett

Indian Agent.

per [signature]

The Secretary,
Department of Indian Affairs,
Ottawa.

Form No. 518

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

118-1-5

H.V.D.

Ottawa,
February 9, 1938.


Dear Sir:


With reference to the expenditure for the root house at the Blue Quills Indian Residential School the Department desires that two vouchers be issued, one to cover the cost of material and the other for the labour. I am, therefore, enclosing the two vouchers required which you should sign. The account of W. Dubois amounts to \$28.40 of which amount \$24.40 is material and the balance labour. Please obtain two receipted accounts from him, one for the first item and one for the second. In regard to the charge of \$4.00 for labour this account should show the exact date on which he was employed, also the number of hours he worked and the rate per hour.

The Imperial Lumber Company account should show the cost per foot of the lumber supplied. You will note that this is the first item on their account.

The adjustments mentioned above should be made at once and the vouchers should be returned for payment at the earliest possible date.

Yours truly,


R. A. Hoey,
Supt. of Welfare & Training.


W. E. Gullion, Esq.,
Indian Agent,
Saddle Lake, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

POOR COPY

118-1-5



DEPARTMENT OF INDIAN AFFAIRS
CANADA

FEB 12 1938

RECORDS

IN YOUR REPLY REFER TO

NO. 407-11A.

ALSO TO DATE OF THIS LETTER

INSPECTOR'S OFFICE

CALGARY, ALTA., February 8th, 1938.

Re: Water Supply at Blue Quills Residential School,
Saddle Lake Agency, referred to on Page 5 - my
report on this school, dated the 31st, ultimo:

Sir:

The water from this drilled, 6 $\frac{1}{2}$ -inch casing well, which was sunk when the school was built, is very hard, and coloured with rust, and is not used for drinking or cooking. Water for this purpose is hauled in a threshermen's tank from a neighbour's well. There is quite a history in connection with this well, of which the Department no doubt have full particulars.

When at St. Paul, I interviewed Mr. J. E. Frederickson of that town, who says that when he sunk the well, he found a small supply of hard water at 97 feet; at 207 feet he found more water and this was very, very hard; at 327 feet he found water in sand: This was clear, fairly soft and apparently plentiful. A pump was installed, and the caretaker instructed to pump continuously for a certain period of time, in order to clean out the bottom of the sand and make a reservoir or basin: It appears these instructions were not carried out properly, i. e., the pumping was not continuous. It was some considerable time after the well had been sunk before the school was occupied by the staff and pupils, and therefore very little, if any pumping was done before they moved in. Later, after the school was occupied, the water supply became inadequate.

An unsuccessful attempt was made to clean the well by pumping: The pump cylinder would pack with fine sand or silt, which packed so hard that the pump rods broke. These were replaced with heavier ones, but the pump cylinder continued to pack with silt and would not work at all. The casing was then blown (broken) at the 207 foot level. This gave a large supply of water, but as stated above, it is hard and full of rust. A Duro water softener was then installed: I am told this did not prove satisfactory, as it did not remove the rust, which caused the screens or discs in the water softener to crack. These were changed on several occasions, but did not last any length of time. As it is, the softener is not being used, and the hard, rusty water goes directly into the pressure tank and is used in the heating boilers and through the pipes throughout the whole building.

The Secretary,
Indian Affairs Branch,
Dept. of Mines & Resources,
O T T A W A .

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

POOR COPY

- 2 -

When a tap is opened after being closed for a number of hours, the water comes out quite reddish at first, then clears somewhat, but always has some colour of rust.

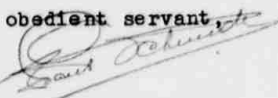
I am afraid this water will damage (corrode) the piping in the building; also, it may ruin our heating boilers and system. (Ref. Dept. letter No. 118-1-5 under date of September 11th, 1936.)

I am not in a position to recommend what should be done: When at St. Paul I mentioned the matter to Mr. Frederickson (mentioned above) who suggests a new 327-foot well, and says he believes a good supply of clear, fairly soft water can again be obtained at that depth if the well is given the proper attention (continual pumping) as soon as completed, in order to make a reservoir or basin at the bottom.

I have been waiting for the return of Mr. P. A. Fetterly of the Dominion Water Power Branch, who has been absent for some time, before writing: I saw him this A. M. when he stated he would read his files and report to their Director at Ottawa.

As stated above, I fear serious damage may be caused to our heating system and water piping generally.

Your obedient servant


C. Pant. Schmidt,
Inspector of Indian Agencies,
Alberta Inspectorate.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

118-1-5

Copy sent to Mr. Schmidt

Ottawa,
February 15, 1938.


Reverend Sir:

I am in receipt of a report from Inspector Schmidt with reference to the water supply at the Blue Quills Indian Residential School. As you are aware a water softener was installed in the fall of 1935 but Mr. Schmidt advises that this is not being used at the present time. The softener was rather expensive equipment, as it cost an amount of \$680.00, and the Department cannot understand why its use was discontinued without first receiving official approval. Please let me have a full report stating why such action was taken in view of the fact that the water is so hard that without the use of a softener considerable damage is being done to the pipes.

Yours truly,



R. A. Hoey,
Supt. of Welfare & Training.



Rev. L. Balter, O.M.I.,
Principal,
Blue Quills Residential School,
St. Paul, Alta.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

118-1-5

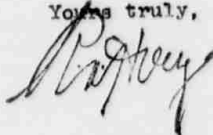
Ottawa,
February 15, 1938.

Dear Sir:


I am in receipt of your letter of the 8th instant with reference to the water supply at the Blue Quills Indian Residential School. A copy of your letter is being sent to the Director of the Surveys and Engineering Branch and he is being requested to forward us a copy of Mr. Fetterly's report as soon as the latter is received. At that time the matter will be further considered and a decision made regarding what action should be taken.

For your information I enclose a copy of a letter that is being sent to the Principal of the Blue Quills School.

Yours truly,



R. A. Hoey,
Supt. of Welfare & Training.



G. F. Schmidt, Esq.,
Inspector of Indian Agencies,
Calgary, Alta.

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

PUBLIC ARCHIVES
ARCHIVES PUBLIQUES

118-1-5

EX'D.

Ottawa,
February 15, 1938.

Memorandum:

MR. WARDLE

I am in receipt of a letter from Mr. C. P. Schmidt, Inspector of Indian Agencies for Alberta, in which he reports on the water supply at the Blue Quills Residential School, Saddle Lake Indian Agency.

For your information I enclose a copy of Mr. Schmidt's report. You will note that he has discussed the matter with Mr. P. A. Fetterly who promised to report to you. When Mr. Fetterly's report is received I would appreciate your sending me a copy of it.

I am writing to the Principal of the Blue Quills School in order to ascertain why the use of the water softener was discontinued without receiving official approval. I may say that the water softener was purchased in November, 1935 at a cost of \$680.00. It was selected and installed under the direction of Mr. Hoover and Mr. Fetterly.

W
RA

Feb 16/38



Director.

Indian Affairs. School Files.
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117-1-5
Blue Quills Res. School

St. Paul, Alberta.

Feb. 25th, 1938.

Mr. R. A. Hoey,

Supt. of Welfare and Training

Indian Affairs Branch, Ottawa.

Dear Sir:

*Warrant
Nov 24*

In complying with your wish of having a full report regarding the use of the water-softener installed in the fall of 1935, I wish to state the following:

1st - The pressure of the pump being too strong pushed the gravel and rust through the screen of the softener and blocked it to the point of bursting. In fact, one of the tanks of the softener became worn out by the force of the gravel and had to be replaced by a new one. For this reason, the position of the softener was changed and was placed between the water-tank and the system-pipes (which go through the building). This was done in the fall of 1936, Father Angin being principal.

2nd - However the trouble continued. The amount of rust accumulating in the softener-tanks necessitated the cleaning of the softener almost every day so as to have the water fairly clear to pass through the system-pipes. Furthermore, when there was a lot of water used e.g. as on washing and bathing days, the rust even passed from the softener-tanks

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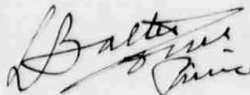
PUBLIC ARCHIVES
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to the system-pipes and it took a half-day then to clean the softener. Thus, there being always some rust going into the pipes even with the use of the softener, we decided in June 1937, to discontinue its use.

The remedy offered for your consideration, by our engineer, is to have the water coming from the Pump pass through a filter before passing through the softener.

On receipt of your letter I gave orders to put the softener into use again.

Yours very truly,



Rev. L. Balter, O.M.I.

Principal

Indian Affairs. School Files.
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H.V.D.

Ottawa,
March 4, 1936.

Memorandum:

MR. WARDLE

With reference to the last paragraph of my memorandum of February 15 regarding the water supply at the Blue Quills Indian Residential School, Saddle Lake Indian Agency, the following letter has just been received from the Principal of the Blue Quills School:

"In complying with your wish of having a full report regarding the use of the water-softener installed in the fall of 1935, I wish to state the following:

"1st - The pressure of the pump being too strong washed the gravel and rust through the screen of the softener and blocked it to the point of bursting. In fact, one of the tanks of the softener became worn out by the force of the gravel and had to be replaced by a new one. For this reason, the position of the softener was changed and was placed between the water-tank and the system-pipes (which go through the building). This was done in the fall of 1936, Father Angin being principal.

"2nd - However the trouble continued. The amount of rust accumulating in the softener-tanks necessitated the cleaning of the softener almost every day so as to have the water fairly clear to pass through the system-pipes. Furthermore, when there was a lot of water used e.g. as on washing and bathing days, the rust even passed from the softener-tanks into the system-pipes and it took a half-day then to clean the softener. Thus, there being always some rust going into the pipes even with the use of the softener, we decided in June 1937, to discontinue its use.

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-2-

"The remedy offered for your consideration, by our engineer, is to have the water coming from the pump pass through a filter before passing through the softener.

"On receipt of your letter I gave orders to put the softener into use again."

I have not yet received the copy of Mr. Fetterly's report. You will note that I requested this in the second paragraph of my memorandum of February 15.

H. Jones

Director.

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St. Paul, Alta. Nov. 1st, 1937.

Dubois,

In Account with,

6 Blue Quill's School,

1937.

To Labor performed on root cellar,			
Oct. 28,	5 hours @ 40¢ per hour	-----	\$2.00
" 29,	5 hours @ 40¢ " "	-----	2.00
			<u>\$4.00</u>

Received payment,

Mullie H. Dubois

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St. Paul, Alberta
2d. Nov. 1937.

A. Dupont, Carpenter

In account with

Blue Quills Res. School

By work in the construction of a Rest-Cellar.

September

The 22d 8 hours.
23d 10
24th.... 10
25th.... 10
27th.... 10
28th.... 10
29th.... 10
30th.... 10

October

The 1st.... 10 hours.
2d 10
4th.... 10
5th.... 10
6th.... 10
7th.... 10
8th.... 10
9th.... 10
11th.... 10
12th.... 10
13th.... 10
188 hours

October

The 14th.... 10 hours.
15th.... 10
16th.... 10
18th.... 10
19th.... 10
20th.... 10
21st.... 10
22d 10
23d 10
25th.... 10
26th.... 10
27th.... 10
28th.... 10
29th.... 10
30th.... 10

November

The 1st 10 hours
2d $4 \frac{2}{3}$
164 & $\frac{2}{3}$

Total : 352 hours at 45¢..... \$ 158,70

Paid.

Indian Affairs. School Files.
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St. Paul, Alberta
14th. Oct. 1937.

H. Centu

In account with :

Blue Quills Res. School

By work in the construction of a Rest-Cellar : excavating
& helping the Carpenter.

September	October
The 8th....8 hours.	The 1st....10 hours
" 98 "	" 2d10 "
" 108 "	" 3th....10 "
" 118 "	" 4th....10 "
" 128 "	" 5th....10 "
" 138 "	" 6th....10 "
" 148 "	50 hours
" 158 "	
" 168 "	
" 1710 "	
" 188 "	
" 209 "	
" 219 "	
" 228 "	
" 2310 "	
" 2410 "	
" 2510 "	
" 2710 "	
" 2810 "	
" 2910 "	
" 3010 "	
174 hours	

Total : 224 hours at 30%.....\$ 67,20

Paid.

H Centu

Indian Affairs. School Files.
(RG 10, Volume 6346, File 751-5, part 5)

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OFFICE OF THE
INDIAN AGENT



CANADA
DEPARTMENT
OF
MINES AND RESOURCES
INDIAN AFFAIRS BRANCH

PLEASE QUOTE
FILE 120

118-1-5

Saddle Lake, Alberta,
March 4, 1936.

Sir,-

Referring to your letter No. 118-1-5
of the 9th ultimo returning vouchers for room
house at Blue Quill's Indian Residential School,
I beg to enclose herewith these vouchers with
receipted accounts as requested.

Your obedient servant,

W. E. Sullivan,
Indian Agent,

The Secretary,
Indian Affairs Branch,
Dept. of Mines & Resources,
Ottawa.

Indian Affairs. School Files.
(RC 10, Volume 6346, File 751-5, part 5)

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118-1-5

B.V.D.

Ottawa,
March 12, 1938.

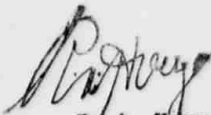
Dear Sir:

With reference to your letter of the 4th instant the Department finds it necessary to again return the account in favour of the Principal of the Blue Quills Residential School in connection with the construction of the root house.


The account of W. Dubois for \$24.40 will have to be itemized.

Please obtain an itemized account and return the voucher at the earliest possible date as the Department wishes to pay this amount from the appropriation for the current fiscal year which ends on March 31.

Yours truly,



R. A. Hoey,
Supt. of Welfare & Training.



W. E. Gullion, Esq.,
Indian Agent,
Saddle Lake, Alta.

Indian Affairs, School Files.
(RC 10, Volume 6346, File 751-5, part 5)

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POOR COPY

751-5 Vol 5

118-1-5 C CLOSED

NO. 118-1-5 C

Department of Indian Affairs

BLUE QUILLS RESIDENTIAL SCHOOL

BUILDINGS, ACCOUNTS & C.

Indian Affairs. School Files.
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