

C. S.

INDUSTRIES. (Misc.)
PUBLIC WORKS. (Misc.)
POSTAL & TELEGRAPHIC.
(Miscellaneous).
MISCELLANEOUS. (Misc.)

UTI/POW/2#3

19 44.

No. 120/44.

R. L. Robson, Esq.,

SUBJECT.

19 44

19th August,

Previous Paper.

98/44;

SUGGESTIONS FOR HARNESSING TIDE FOR POWER.

MINUTES.

1. Letter from R.L. Robson, Esq., of 19. 8. 44.
2. Letter to R.L. Robson, Esq., of 23. 8. 44.
3. Letter from R.L. Robson, Esq., of 16. 9. 44.
4. Letter to R.L. Robson, Esq., of 20. 9. 44.
5. Letter to Lieut. B. Ingham of 23. 9. 44.

Subsequent Paper.

Post War Suggestion.

Stanley.

H7 Filroy RD

19/8/44.

(1)



Sir,

In view of the lack of Electric power in the Falklands, I would like to suggest the adoption of the Tide mill with a view to Compressing Air for driving power.

The Tide mill could also be used for pumping water to a reservoir a suitable height for water power.

There are many places in these Islands where the above method could be used if it proved a success.

I would like to point out a very suitable place close to Stanley, namely Penarrow, Pt. North of Wall Cove. where I am sure tremendous power could be obtained.

I have in mind two designs of Tide mills.

I would also like to make the following suggestions;

No 1. a Carefull check on the tide and depth of water at Penarrow Pt. in a direction NE to opposite shore.

2 all information sent to London for scientific
research.

1A

If you think the above is worth going
into I would be willing to make two scale models
of the tide mill to my own design.

Hon Colonial Secretary
Stanley

I am Sir,
Your Obedient Servant,
R. L. Robson.

23rd August,

44.

Sir,

Recd.

I have the honour to acknowledge receipt of your letter of the 19th August, and to thank you for your suggestion regarding the possible use of the Tide Mill for the production of power. I have asked Mr. Mercer to contact you and to discuss the suggestion in more detail. Meanwhile I would assure you that any suggestions from members of the public for the betterment of the Colony are highly appreciated and most carefully considered.

I have the honour to be,

Sir,

Your obedient servant,

K. G. BRADLEY
Colonial Secretary.

Robson, Esq.,
TANLEY.



Stanley,
47 Fitzroy Rd,
16/9/44.

Sir,

With reference to NO 120/44.

Recd 2.
I have the pleasure to inform you I have completed a model of the tide mill, or Tide power station, of which I feel confident of its future success, but owing to inconvenience I have nowhere to display this model.

With your permission and D.D. Hamilton's consent I would like to suggest setting up a temporary power experimental station in the hut by the Govt Boat Shed, formerly used for selling fish.

The reason for this request is that it is close the sea water, and I can get shingle off the beach to make the station look more realistic, I would like to state I would do this in my own time and free of charge.

I would also like to ask if it would be possible to have an interview with you on the above subject at your convenience.

I am Sir,

Your obedient servant,

R.B. Robson

Hon Col Secretary.

Stanley.

20th September, 44.

Sir,

Red 3.

With reference to your letter of the 16th September, I should be glad if you would come and see me at 4:15 on Thursday afternoon in order that we may discuss your plans with Mr.

Herever.

I have the honour to be,

Sir,

Your obedient servant,

K. G. BRADLEY
Colonial Secretary.

File

23rd September, 194

Dear Ingham,

I wonder if you would do the bearer, Mr. R. L. Robson, a great kindness? He has made plans and a model of an improved type of water wheel which he thinks could be used in tideways instead of a river and he is very anxious to know whether the idea has any practical possibilities. I expect that pressure would be insufficient to produce power economically but as far as I can see, whether or not the idea is any good, can easily be worked out mathematically by somebody who knows hydraulics or whatever particular branch of science it may be. It occurred to me you may be in a position to advise him on this side and if you can spare the time to see him I am sure he would be very grateful.

Yours sincerely,

Lieut. B. Ingham,
STANLEY.