

C.S.

PUBLIC WORKS  
(S.I.S)

1927.

No.

343/27

Colonial Secretary.

SUBJECT.

1927

15th July, 1927.

DISCOLORATION OF WATER SUPPLIED FROM  
STANLEY WATER WORKS.

Previous Paper.

Question of elimination of:-

Ref. No 199/25.

MINUTES.

PA. 11/9/27

Water Authority.

Complaints have been made to me  
as to the discoloration of the water  
at the Stanley Water Works. It is stated  
that the great stains renders it useless  
for washing clothes.

2. I should be glad if you

consider the question of the water.

3. What would it cost to

Subsequent Paper.

a appreciate article to Minister the

discolouration ?

J. Roberts  
9/6/27

15. 7. 27

Hon. Colonial Secretary.

The Stanley water is bound to be discoloured, as all water is from peaty districts. Messrs Riley Harbord & Law (Chemists) in enclosure 17 of M.P. 199/25 state that the colour of the sample is much less marked than the majority of waters in Scotland, and that they do not consider it worth while taking any steps to remove the colouration. The sample of water in question was taken during the winter months direct from the Mount William stone run.

2. Criticism on the colour of the water was foreseen in 1925, and is dealt with in Enclosures 5 (page 3) and 17 & 18 of M.P. 199/25.

3. The Hospital has been using the water from the Water Works since 31st October, 1926 (9 months) for all their washing. Careful enquiries and inspection of the linen washed go to show that they have not been stained by the water.

4. I know of no other place where the water has been given a thorough test.

5. Sand filtration will not remove the stain. I do not know of a filter on the market capable of removing peat stain, but perhaps there is a firm who specialise in this, in which case the Crown Agents for the Colonies could probably give some information. I have made enquiries from various engineers and scientists and I have always been given to understand that it is a slow and expensive process.

6. The estimated cost of a filtering plant for treatment with lime and alumina (Messrs Vickers Ltd) is £1,200, with an annual upkeep cost for replacements of filtering medium etc. of £300., and I am not prepared to say whether this plant will remove peat stain.

J. Roberts.

Water Authority.  
18th July, 1927.

Mr. Col. Poyser.

I should be glad of  
your observations hereon and more  
particularly in regard to the statement  
relative to the Hospital washing water  
in paragraph 3 of W. Roberts' minute.

J. M. Deane  
Col. Secy

19. 7. 27

Hon. Col. Secretary.

The statement in par. 3 of the  
Water Authority's letter of 18/7/27 is absolutely  
correct. I can also say the same as regards the  
washing at my Quarters. The brown colour in the  
water is usually found in all peaty water, while this  
cannot be removed, it can be greatly reduced by the  
addition of lime to the water as it is passing through  
the filter, as suggested in red 17. The addition  
of lime would also be beneficial from a public health  
point of view.

J. M. Deane

Colonial Surgeon.  
22nd July, 1927.

~~Resolute Opinion~~

Please see.

2. I understand the Col Surgeon  
to mean that the addition of lime  
in powdered form, say, in a layer  
on top of the sand in the porous  
filter, might prove beneficial in the  
deal manner indicated by him.

3. Presumably you have already considered  
this suggestion?

Yours

G. H. Lee

22. 7. 27

Hon. Col. Secy.

Noted.

Limestone is already incorporated  
in the filtering medium.

The addition of lime to the filtering  
medium would be of assistance,  
and I submit that a quantity of  
hydrated lime be obtained from the  
Crown Agents.

Indent (in quadruplicate) is attached.  
Funds are available from the S. I. W.  
estimates for this G. Roberts 25.7.27.

S/m/27 of.  
27: 7: 27



1. Telegram from D. S. W. Kemp, Director of Research 'Discovery' Expedition 20 July 1927

G.E. Permit. A quantity of hydrochloric acid should be ordered according to telegram.

2. Ref 1 in re-answering: I will let Mr. Col. Sayer at B. Ceylon see all the information generally to hand.

J. M. D.

30. 7. 27

3. I will also write to Mr. D. Kemp for his kind assistance in this matter.

J. M. D.

30/7

C.C. Tel. and letter to D. Kemp per me 3/7

Hon. C.S. ? Please. J. M. D. 34/27

to Dr. S. W. Kemp. 3<sup>rd</sup> Aug. 1927. 2.

C.C.

Telegram to C.C. please ~~#.P.~~

Jul 3.8.27

Telegram despatched to Crown Agents  
vide Recd 2 of M. P. 2/27/27. 13.

C.C. Part 1 might be published in C.C. D.

for ser. of. for.

Jul

3/8

Government Notice no. 112 of 4/8/27. 3.

Mr. G. L. Super J.H.D.  
Ex. Cyprus 9.8.27.

To 522.

J.H.D.  
C.S.

8.8.27

Hon. Col. Sec.

Noted and returned

C. Roberts  
M.A. 10/8/27.

ECODE.

(1)

TELEGRAM.

From ..... Dr. Kemp, R.R.S. "Discovery".

To ..... The Colonial Secretary

Despatched: 21st July, 1927 Time 13.57.

Received: 24th July, 1927 Time 10.30.

COLONIAL SECRETARY

FORTSTANLEY

Samples of water from your new supply tested  
and found of excellent quality no animal pollution.

KEMP.

343/27.

3rd August, 27.

Sir,

I am directed by the Governor to acknowledge the receipt of your telegram of the 21st of July, 1927, communicating the result of your analysis of the water you took with you from Stanley, as samples from the New Water Works, and to thank you for your kind assistance in the matter of testing the suitability of the supply for potable and domestic purposes generally.

I am,

Sir,

Your obedient servant,

*W. J.*  
Acting Colonial Secretary.

S. W. KEMP, D.Sc., F.R.G.S.,  
DIRECTOR OF RESEARCH, 'DISCOVERY' EXPEDITION,  
c/o COLONIAL OFFICE,  
DOWNING STREET,  
LONDON, S.W.



GOVERNMENT NOTICE.  
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112.

Colonial Secretary's Office,  
Stanley, Falkland Islands.

4th August, 1927.

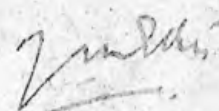
His Excellency the Governor directs the publication, for general information, of the following telegram received from Dr. S. W. Kemp, D.Sc., F.R.G.S., Director of Research 'Discovery' Expedition, relative to his analysis of samples of the water supplied by the Stanley Water Works.

21st July, 1927.

Samples of water from your new supply tested and found of excellent quality: no animal pollution.

KEMP.

By Command,



Acting Colonial Secretary.

M.P. 343/27.