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(3) Initials of the Referencer law

# TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

DEPARTMENT

P W

|          |              |        |
|----------|--------------|--------|
| G.O. No. | 3128 (W)     | Press. |
| B.P. No. |              | Mis.   |
| Dated    | 28. 11. 1987 | 1987   |

VB

Not to be folded or roughly handled

28TH NOVEMBER 1882, No. 3128 W., PUBLIC WORKS.

3128  
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.  
Civil Works.

No. 153.

READ—the following letter from A. J. B. ATKINSON, Esq., President, Ootacamund Municipality, to the Secretary to Government, Public Works Department, dated Ootacamund, 2nd November 1882, No. 284:—

In reference to paragraph 10 of G.O., 3rd July 1882, No. 1667 W., Public Works, I have the honor to forward a chemical analysis of the first batch of water sent from Ootacamund.

2. The Government will observe that the water in wells 2, 7, and 12 is pronounced bad. But it is a fact that there is no sickness among the people who use those wells, and the inhabitants of the neighbourhood, whom I have questioned, and who drink the water, do not suffer from fever or any other ailment.

3. In these circumstances I do not intend to proceed at present to the extreme measure of closing these wells, but shall have them cleaned and a fresh analysis then made.

ENCLOSURE.

|                    |                    | No. 1. | No. 2. | No. 3. | No. 4.  | No. 5.  | No. 6.  |
|--------------------|--------------------|--------|--------|--------|---------|---------|---------|
| Total solids       | Grms. per litre    | 0.05   | 1.95   | 0.21   | 0.85    | 0.68    | 0.61    |
| Volatile solids    | do. do.            | 0.03   | 0.55   | 0.10   | 0.38    | 0.44    | 0.37    |
| Sodium chloride    | do. do.            | 0.0059 | 0.719  | 0.024  | 0.234   | 0.223   | 0.088   |
| Total hardness     | Clark's scale      | 1.05   | 28.0   | 3.15   | 12.25   | 19.6    | 8.75    |
| Permanent hardness | do. do.            | 0.79   | 25.9   | 2.6    | 8.8     | 19.0    | 7.7     |
| Free ammonia       | Milgrms. per litre | 0.32   | 0.064  | 0.12   | 0.16    | 0.08    | 0.2     |
| Albumenoid ammonia | do. do.            | 0.05   | 0.008  | 0.08   | 0.16    | 0.08    | 0.15    |
| Nitric acid        | do. do. as ammonia | 3.6    | 60.0   | 7.2    | 22.5    | 15.0    | 18.0    |
|                    |                    | No. 7. | No. 8. | No. 9. | No. 10. | No. 11. | No. 12. |
| Total solids       | Grms. per litre    | 1.08   | 0.14   | 0.24   | 0.74    | 0.23    | 1.08    |
| Volatile solids    | do. do.            | 0.5    | 0.08   | 0.07   | 0.52    | 0.07    | 0.57    |
| Sodium chloride    | do. do.            | 0.293  | 0.059  | 0.017  | 0.123   | 0.012   | 0.134   |
| Total hardness     | Clark's scale      | 16.8   | 4.5    | 5.95   | 11.2    | 4.9     | 42.0    |
| Permanent hardness | do. do.            | 14.35  | 2.3    | 4.55   | 10.5    | 4.2     | 26.35   |
| Free ammonia       | Milgrms. per litre | 0.28   | ..     | ..     | 0.13    | 0.12    | ..      |
| Albumenoid ammonia | do. do.            | 0.12   | ..     | ..     | 0.12    | 0.16    | ..      |
| Nitric acid        | do. do. as ammonia | 75.0   | ..     | ..     | 75.0    | 15.0    | ..      |

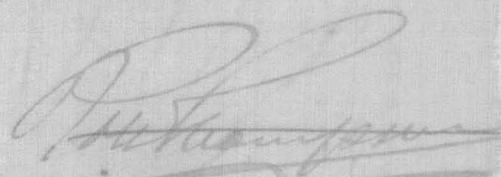
REMARKS.—Samples Nos. 8, 9, and 12 were insufficient in quantity for complete examination to be made.  
No. 1, a good soft water.  
Nos. 3 and 11, fair quality.  
Nos. 4, 5, 6, and 10, indifferent quality.  
Nos. 2, 7, and 12, bad.  
Nos. 8 and 9, results good as far as obtained.

No. 154.

ORDER—dated 28th November 1882, No. 3128 W., Public Works.

Recorded.

(True Extract.)

Lieut.-Col., R.E.,  
Ag. Under Secy. to Govt., P.W.D.To the Superintending Engineer, Fourth Circle.  
" Financial Department.  
" Editor's Table.Exd. S. T. Austin.  
Spare Copies

Gobt. of (1882) Madras.  
PUBLIC WORKS.

*Encl.*

NOVEMBER.  
Nos. 153-154.

The results of the analysis of the water sent from — to the Government Chemical Examiner, recorded.

Samples No 8. 9. 9. 12 were insufficient in quantity for complete  
 examination to be made.  
 No 1. A good soft leather.  
 No 3 & No 10 fair quality  
 No 4. No 5. No 6 & No 10 satisfactory quality  
 No 2. No 7 & No 12. fair.  
 No 8 & No 9 would be good as far as obtained.

1882

From

The Chemical Examiner,

Madras,

No. 454

Dated

13<sup>th</sup> October 1882

Received

Enclosures.

To

The Special Sanitary Officer  
Coimbatore

REFERENCE.

Your Letter No. 169  
7<sup>th</sup> September.

SECRET.

Has the honour to  
Supply Analyses of 12  
Samples of Water as  
requested. Also to call  
attention to the fact  
that only one bottle of  
each of the following samples  
was received for examination  
viz Nos. 9 & 12.

T. K. Rogers M.B.F.R.C.  
Chemical Examiner.

Ootacamund,  
Municipal Commissioners' Office,

2<sup>nd</sup> November 1882

No. 284

3128

4

From

A. J. Brecks Atkinson Esq<sup>r</sup>  
PRESIDENT,

Ootacamund Municipality.

To

The Secretary to Government  
P. W. D.

SIR,

In reference to paragraph 10 of  
G. O. 3<sup>rd</sup> July 1882, No. 1667 W. Public  
Works, I have the honor to forward  
a chemical analysis of the first  
batch of water sent from Coimbatore.

2. The Government will observe,  
that the water in wells 2, 7 and 12,  
is pronounced bad. But it is a fact  
that there is no sickness among the  
people who use those wells, and the  
inhabitants of the neighbourhood, whom  
I have questioned, and who drink  
the water, do not suffer from fever  
or any other ailment.

3. In these circumstances I  
do not intend to proceed at present

to the extreme measure of closing  
these wells; but shall have them  
cleaned and a fresh analysis then  
made.

I have the honor to be

Sir

Your most obedient servant

G. H. Thurston  
President  
O. M. Co.

A 1260

Transferred to the Public  
Works Deptt.

*Prin*  
7 Nov 82 Ag. Madras Secy

G.O. 1667 of 3.7.82

1882.

*M.C. No 7677*

From

THE PRESIDENT,  
MUNICIPAL COMMISSION,  
OOTACAMUND.

To

THE ~~CHIEF~~ SECRETARY  
TO GOVERNMENT, *P.W.D.*  
FORT ST. GEORGE.

No. 284.

Dated

Despatched

Received

*2. Nov 1882*  
*3rd* 1882  
*3/11/82*

ENCLOSURE

*vide*

SUBJECT

Forwarding a chemical  
analysis of water sent from  
ootacamund, in reference  
to paragraph 10 of G.O. 473  
July 1882, No. 1667 of P. Work

*S. W. Dept*

Letter from the President, Municipal  
Commission, Ootacamund, No. 284 of  
2<sup>nd</sup> November 1882

*3128*  
*6*

Circulated for

information.

*Letter sent to Madras  
could have been sent to P.W.D.*

*Manthorpe*  
*Col RE*

*Ag Secretary to Govt P.W.D.*

*Madras,*  
*5 Nov 82*

*R.S.*

The Air St. ...  
 The Air St. ...  
 The Air St. ...

*[Signature]* 3  
 B. P.  
 Clerk.  
 No 3128 n of 28 hwy/r  
 Recorded.

*[Signature]*  
 27.11.82

S. En. licks 9.5  
 Soil depth 7  
 P. 77  
 4/12  
 10/81

in 8/4  
 R. 37.11

777

Govt. of (1882) Madras.  
PUBLIC WORKS.

29/11

Date

7

Recd.

Encl.

G. O., 28 Nov 1882, No. 3128. W

Nos 153-154

Botacamanu  
The results of the  
Analysis of the water  
sent from — to the  
Govt. Chemical Ex-  
-aminers, recorded

47  
4

Encl. in Receipt Book

P. 29/11