

[L. & M.]
[9,000-4-1-95.]

INDEXED.

Local & Munl. (1896) Department.

MISCELLANEOUS.

G.O., No. 2009/ka

DATED 20-11-96

[Despatch Abstract.]

Sanitation

According letter from the Sanitary
Commissioner forwarding for the informa-
tion of Govt. Copy of his letter to the Public
Munl Commr regarding the
advantages of using sea water for
sprinkling streets neighbouring the
sea shore

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

Local & Munl. (1896) Department.

CURRENT No. 3076/11

From

The Sanitary Commissioner
for Madras.

No. 2090

Dated 12th November 1896.

Received 14th " "

Registered 14th " "

Enclosures 2

Spare copies

SUBJECT.

Forwarding Copy of his letter
No. 2089 dated 10-11-1896 to the
President Municipal Com-
mission Madras regarding the
advantages of using Sea water
for Sprinkling Streets neighbour-
ing the Sea Shore, for information

Order No 2009 Muni-1/20-11-96

Recorded.

19/11/96

19/11/96

BACK PAPERS.

G.O.	No.	Department.	Date.
So	1532	Indul	7-9-96
So	968	Indul	12-6-95
So	18	Indul	8-5-95

FURTHER PAPERS.

G.O.	No.	Department.	Date.

No. 2090
S

OFFICE OF SANITARY COMMISSIONER,

Fort St. George, 12th Nov. 1897.
Respd 13th Nov. 1897.
3076/M

From

SURGEON LIEUT.-COL. W. G. KING, M.B., C.M., D.P.H.,

SANITARY COMMISSIONER FOR MADRAS,

To

THE Secretary to Government,
Local & Municipal Department.

Enclosure,

SIR,

I have the honour to forward
herewith copy of letter No. 2089
dated 10th instant addressed to the Presi-
dent, Municipal Commission,
Madras, for the information of
Government.

I have the honour to be,
Sir,

Your most obedt. servant,

W. G. King

Surgeon Lieut Col,
Sanitary Commissioner.

No. 2089
S

OFFICE OF SANITARY COMMISSIONER,
Camp Cuddalore, 10 Nov. 1896.
Fort St. George,

From

SURGEON LIEUT.-COL. W. G. KING, M.B., C.M., D.P.H.,
SANITARY COMMISSIONER FOR MADRAS,

To

THE

President
Municipal Commission
Madras

Enclosure.

SIR,

in G.O. No. 184.
8.1.95

In my Inspection Notes as to the Sanitary Condition of Madras Town Communicated to you on the 12th Dec 94 in para 73, I invited your attention to the advantages that using sea water might be expected to afford for sprinkling streets neighbouring the sea shore. I now send you an engraving and a description of an electric car, used for the transport of water and the watering of streets. The invention is apparently not protected by patent rights in India, and, even if it were so, I think it would be at least worth your while ascertaining how far it would be financially possible to adopt the system in Madras by running cars from the beach to various parts of the town where the tramway is now laid, under an arrangement with the Electric Tramway Company. The chances are that during the next few months economy of water for municipal purposes will be a necessity, having

3076

having regard to the low state of the Red Hills tank. I need hardly point out to you that such a system would not only suit for sprinkling streets but also, by slight modifications, for flushing drains.

I have the honor to be, etc.
Edl. H. G. King.
Surgeon Lieut. Col.
Sanitary Commr. for Luadras.

P.S.

With reference to adaptation to the parts when the conduit system of tramway is in force, it ought to be possible to modify the watering apparatus immediately over the conduit so as not to flood it.

(True copy)

W. King

Surgeon Lieut. Col.
Sanitary Commr. for Luadras.

Electric sprinkling Cars.

" The City of New Haven is using street car sprinklers that please the officials. The following is a general outline thereof and of the business methods of the Company making these cars.

The car is in appearance and size very much like the four wheel electric car, and as it goes along the street has very much the look of an ordinary closed passenger car. The body is a tank which will contain about 2,000 gallons of water. This tank is set upon the ordinary trucks and motors.

At each side of the car set below tank is a perforated swinging arm, which moves in and out from the side and which is operated from front platform.

The weight of water in tank is let into this swinging arm as it extends out into the street, and the operator opens a valve allowing the water to run through perforations in pipe, distributing the water evenly over half the street whether it be 20 feet wide or 80 feet.

It could sprinkle the streets both sides at once as each side could extend its swinging arm, but this has been deemed inadvisable and the one arm is only run in same direction as traffic of the street, so that if the arm should hit any team it would only be the hind wheel

which

2
3078 mops

which would instantly send the arm back against the side of the car, and in this manner there is absolutely no chance of accidents.

The efficiency of the apparatus is about in comparison with the old fashioned stage or omnibus and the present electric street car service. The work is done quicker and better, and one car will do the work of about six sprinkling carts with their 12 horses and six men.

One Company controls the patents absolutely, and it is patented in England, France, Canada and The United States. This Company works under three systems.

1st. It will sprinkle any City in the Union at an agreed upon rate per mile.

2nd It will undertake to form Companies in each City, so that local capital and men may be interested.

3rd It will lease the cars to any municipality, responsible company or individual.

These three systems have been found to work satisfactorily and to cover all cases.

It is in operation in Louisville, New Orleans, New Haven and Hartford, Conn, Worcester, and Lynn in Mass

Cars are now being made for San Antonio, Texas and several other cities are negotiating for them. (The Municipality and County)

given for copying _____
copied _____
examined _____
signed _____

189 .

AGAIN G.O., No.
189 ,

DATED

ENT No.

CLOSURES TO C. No.

ORDER OF GOVERNMENT

LETTER OF GOVERNMENT.

STATEMENT WITH DITTO.

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL.

N.B. -

A = Copy in full.
B = Not to be copied.
P = Copy abstract only.
Q = Copy heading only.