

- (1) பக்கங்களின் எண்ணிக்கை 4
 (2) புதுக்கித் திருப்பிய நாள் செப் 92
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் Q

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

153

அரசாணை எண். மு. கோப்புத் தாள் எண்.	<u>221</u>	அச்சகம் பலவகை
நாள் :	<u>22-1-1892</u>	198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

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GOVERNMENT OF MADRAS.

LOCAL AND MUNICIPAL DEPARTMENT.

READ—the following papers :—

From J. A. JONES, Esq., MEM. INST. C.E., F.R.S.E., Sanitary Engineer to Government, to the Chief Secretary to Government, dated Cuddalore, 27th October 1891, No. 1551.

The Council of Palni (Madura district), being desirous of improving the water-supply and drainage of the town, provided in the budget of 1891-92 a sum of Rs. 300 for carrying out the necessary levels, and desired me to inspect the place. This, I have the honour to inform you, I did on the 23rd and 24th instant.

2. As to the water-supply I find that the inhabitants depend mainly on the Vaiyapuri kulam, which is fed by an irrigation channel some 3 miles in length from the Varratar river. This tank is dry during 4 months in the year, and in years of scanty rainfall, such as the past year has been, the inhabitants are very badly off for drinking water, as all the water found in the wells within, or adjacent to, the town site is brackish water. The tank lies below the town and into it all the drainage of the town passes, so that during rainfall and when the tank is filling, it is receiving at its shallow side polluted water from the town, and this is just the place whence the people take their supplies.

3. The tank surpluses at the west end of the town, and from a sluice in the ancient a supply is taken to a tank called the Teppacolum. The supply is, however, taken through the road drain, and the Teppacolum is a private tank from which water is baled for a flower garden, so that even this supply is, under existing circumstances, of little use.

4. It is, however, in few years that the tank does not surplus for some four months, and it will be possible to form a water-supply tank near the surplus weir and between it and another tank called the Naikkankulam. Arrangements could also be made to take the supply to the Teppacolum by a pipe, and if baling from it could be prevented and the people made to draw water by rope and pulley or if the water were so drawn by the Municipality and cisterns filled whence the people could draw water, it is likely by the execution of both these measures that, for the four months during which the large Vaiyapuri kulam is dry, a somewhat limited drinking supply would be obtained for the west end of the town. A supply for the east end of the town is a more difficult matter, but might probably be obtained by constructing a tank just outside the water-spread of the large tank and between it and the road. Whether this can be done I cannot, in the absence of levels, yet say.

5. To obtain the water in good condition and to preserve the purity of supply in the large Vaiyapuri kulam, the drainage must be cut off from discharging into the tank. Most of the town is situated on what might be called the prolongation of the tank bed, and on occasion of any moderate or excessive rainfall, all the filth collected, it may be for months, is at once washed into the tank.

6. An intercepting sewer or drain is necessary, but it will be somewhat expensive as the rock is close to the surface all round the town and between it and the tank. The sewer would have, therefore, to be of a surface character. Drains are required in most of the streets, but the town slopes sharply from the main streets of the town and drainage is comparatively an easy matter.

7. I find, however, with so much work on hand that I cannot deal with this town at present, and I have asked the Chairman to omit the Rs. 300 in the revised estimate for 1891-92 and place it in the budget for 1892-93, by which time I hope that I shall have the staff of three Assistant Engineers sanctioned by Government, there will also be a subordinate in charge of Dindigul water-works, and I shall thus be able then to deal with the matter in a satisfactory manner.

8. I may mention, apart from drainage and water-supply, that the Chairman showed me a new village site which he has laid out and on which three houses had been built. The arrangements proposed seem capable of improvement. For instance, the streets should run with the slope of the ground and not on the level across it. The house-owners ought not to be allowed to dig pits adjacent to the house sites in order to obtain earth for the house walls. This plan invariably leads to insanitary conditions, and in this case I found municipal rubbish being deposited with the connivance of the house-owners in the pits— in fact, the houses would each eventually rest on an island of earth surrounded by a rubbish pit.

9. The earth for house walls should be obtained from what might become a village tank or from the side drains, &c. A latrine and a well should in all cases be constructed before any dwellings are erected.

10. I think it is desirable that an addition be made to the Sanitary Board's rules, that the plans of all village sites, whether there is to be any specific expenditure by the Municipality or not, should be submitted for approval.

11. I noticed also that the slaughter-house is a small enclosure of mud walls; it was full of people and apparently serves the purposes of a market.

12. Dr. Laing has lately been here, and no doubt has mentioned these and other sanitary defects which incidentally came to my notice.

13. In what way the necessary funds for carrying out the work of drainage and water-supply can be arranged for the Municipality might be called upon to report before further action is taken. The income is very small; the tax on arts, &c., and a water-supply tax seem the only further available sources of income, and about Rs. 80,000 would be required before any great improvements can be effected in the directions indicated.

No. 1025.

The Sanitary Engineer is requested to report whether the Rs. 80,000 referred to in paragraph 13 of his letter read above is the full amount required for the purposes mentioned, or whether it is exclusive of the half-grant which the Government usually makes in such cases.

FORT ST. GEORGE,
18th November 1891.

(Signed) J. F. PRICE,
Chief Secretary.

From the Sanitary Engineer to Government, dated Fort St. George, 19th November 1891, No. 1740.

ORDER—dated 5th January 1892, No. 19 M., Local and Municipal.

The proposals of the Sanitary Engineer will be referred to the Municipal Council, Palni, for report, with advertence to paragraph 13 of the first letter read above.

2. The suggestion contained in paragraph 10 of the same letter will be adopted in so far as improvements or extensions of village-site are concerned, but any rule requiring the submission of plans of all village-sites for approval would be both unnecessary and inexpedient. The following will be substituted for Rule 8 of the rules for the guidance of the Sanitary Board issued in G.O., dated 8th August 1890, No. 1971 L.:-

RULE.

"8. Whenever it is proposed by any Local Board or Municipal Council to make any considerable improvements in existing village sites or to lay out new ones, the plans relating thereto shall first be submitted to the Sanitary Board for approval."

The existing rules 8 and 9 should now be numbered 9 and 10.

(True Extract.)

W. Brodie
For Chief Secretary.

To the Chairman, Municipal Council, Palni,
through the Collector of Madras.
" all other Chairmen of Municipal Councils,
through the Collectors concerned.
" all Presidents of District Boards.
" the Sanitary Engineer.
" the Sanitary Commissioner for Madras.
" the Sanitary Board.
" the Public Department.
" the Public Works Department.

Exd A. Reitt.

P. W. CURRENT No.

Govt. of Madras.
LOCAL AND MUNICIPAL.

No 21000 mds 9 28
- 2257 mds 21 8 7
- 2907 mds 3 11 9

Issued

Recd.

Encl.

G.O., 5th January 1892, No. 19. M.

JANUARY.

Drainage and Water-supply.

Referring to the Municipal Council, Palni, for report, the proposals of the Sanitary Engineer regarding the improvement of the — of the Municipality, and adding a new rule to those issued in G.O., dated 8th August 1890, No. 1971 L., for the guidance of the Sanitary Board.

No 221 mds 22 1 192
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Communicated to
the Sub-Engineer of
Circle for information

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12-1-92

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7/1/92
S. E. L.

S. E. L. Circle 10/2/91

S. E. L. 2 copies to 10/2/91

With order