(1) Number of pages 48

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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W. DEPARTMENT

G.O. No. / B.P. No.	1813 W	Press. / Mis.
Dated	17-7-1886	198 .

28

Not to be folded or roughly handled.

Archives —I 10,006-9 89

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from S. VEERARAWGAVALU NAIDU, Officiating Chairman, Municipal Council, Kurnool, to the Chief Secretary to Government, dated Kurnool, 7th June 1886, No. 71—Through the Revenue divisional officer in charge of the Rámallakót taluk :—

I have the honor to bring to the notice of Government that the district sanitary officer has, in a memorandum of which I beg to enclose a copy, drawn the attention of the municipal council of Kurnool to the defective character of the present arrangements for supplying the town with water, and to the necessity for introducing a system of water supply on modern principles. Dr. King strongly recommends the substitution of iron pipes for the present leaky masonry channels (liable to contamination occasionally from sub-soil soakage) and the construction of a filter and supply reservoir, the cost of which he roughly estimates at Rs. 63,000. Government are aware that the municipal council is quite alive to the importance and necessity of improving the water supply of the town, and, when His Excellency the Governor honored this municipality with a visit, in July 1883, the Commissioners, in an address presented to His Excellency, dwelt on the necessity for carrying out the very measures now suggested by Dr. King, and begged that the Government, in consideration of the poverty of this municipality and its inability to afford the very large expenditure likely to be required for the execution of the improvements needed, would, as a special favor, remit the annual water tax of Rs. 3,500 levied from them for the supply given to the town from the irrigation canal, and submitted that this concession would enable the commissioners to meet the interest on the capital required for the improvements. His Excellency, however, considered that the concession would be a bad precedent, and Government, in their order, dated 22nd November 1883, No. 937 I., Public Works, observed that action in regard to the improvement of the town water supply should be taken by the municipality by raising a loan. The President, in his letter embodied in G.O., No. 959, dated 1st May 1884, pointed out the utter impossibility of raising a loan as no margin for payment of interest could ever be expected out of their inelastic income, burdened with charges which could not bear curtailing. Government were thereupon pleased to call for a rough estimate of the works proposed, for consideration in the Public Works Department. The commissioners accordingly requested the Executive Engineer, Kurnool (*vide* letter, No. 206, dated 2nd June 1884), to favor them with a scheme for the improvement of water supply, embracing (1) the substitution of water-tight iron pipes for the present masonry conduits; (2) the construction of two tanks for storage of water for use during the six weeks of the hot weather when the canal is closed for repairs, and (3) the construction of a reservoir in which the water might be filtered or allowed to settle before it is let into the town pipes. No response to this request has been received from the Executive Engineer. In reply to a reminder sent in August 1885, the Executive Engineer stated that the plans and estimates called for by Government had not been prepared, and that, with the staff at his disposal, it was impossible for him to say when they would likely be prepared.

2. In considering the district sanitary officer's memorandum, the present municipal council, at a meeting held on the 12th ultimo, resolved to request Government (1) to reconsider their decision declining to remit the annual water-rate of Rs. 3,500 now levied from Municipal Funds, and (2) to call upon the Public Works Department to expedite the submission of the estimates called for in G.O., No. 959, dated 1st May 1884.

3. I have the honor earnestly to request that their prayer may be granted. Government will see from the annual budgets of the municipality for a series of years the utter impossibility of providing for payment of any large interest on borrowed capital out of the existing revenues of the municipality. The municipal council is entirely averse to levy a separate water-tax on the town under the powers given to it by the District Municipalities Act, or to raise the percentage of house-tax, which, as it is, is over-rated, as taxation has already reached a comparatively high point in the town considering the poverty of the population, and the imposition of an Imperial income tax has caused a certain amount of discontent.

No. 133.

Submitted through the Collector of Kurnool.

(Signed) C. SOMASUNDRA SHASTRI,
Temporary Deputy Collector.

8th June 1886.

No. 294.

Submitted for the orders of Government. It appears to the undersigned that the councillors should not ask the Governor in Council to reconsider their order until they (the councillors) submit plans and estimates of the proposed works. The municipality has done great things for Kurnool, and the undersigned would humbly submit that, on a proper estimate being submitted, the prayer of the council be granted. Undoubtedly the town is too poor to pay for both the water and the proposed improvements.

(Signed) W. G. UNDERWOOD,
Acting Collector.

KURNOOL,
15th June 1886.

No. 427, Financial.

Transferred to the Public Works Department for disposal.

(By Order)

(Signed) E. S. LAFFAN,
Acting Under Secretary.

MADRAS,
12th July 1886.

ORDER—dated 17th July 1886, No. 1813 W., Public Works.

Communicated to the Superintending Engineer, III Circle, who will expedite the submission of the estimate called for in proceedings, No. 498 I., dated 23rd May 1884, and No. 1823 W., dated 28th July 1884. In the meantime it should be reported in what stage the matter now is, and when the estimates may be expected.

2. The question of remitting the water-rate levied from Municipal Funds for the supply received from the canal will be considered on receipt of the estimate.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle, with two enclosures,
in original, for perusal and early return.
" Chief Engineer for Irrigation.
" Financial Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated July, 17th.

Recd. *Encl.*

G.O., 17th July 1886, No. 1813 W.

JULY.

Kurnool Water Supply

The Superintending Engineer to expedite the submission of the estimate for the improvement of the —; and the question of remitting the water-rate levied from the Municipal Funds to be considered on receipt of the estimate.

23/7/86.

28TH JULY 1884, No. 1823 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

G.O., dated 9th July 1884, Mis. No. 1520, Financial.

Read—the following letter from the President, Municipal Commission, Kurnool, to the Chief Secretary to Government, dated 1st July 1884, No. 227 :—

In reply to the official memorandum of the Acting Assistant Secretary, No. 1338, dated 19th June 1884, I have the honor to inform you that the Executive Engineer, Kurnool division, has been asked to furnish the commissioners with an estimate of the cost of the proposed water-works. This he has not yet done, and has not had time to do. On receipt of the estimate, I shall lay the views of the commissioners before Government.

2. Meanwhile, I venture to remark that I do not think it probable that any new system worth having will prove to come within the means at the disposal of the commissioners, and, moreover, I do not think the matter one of great importance. The question was informally discussed in 1881, and this was the opinion arrived at : Kurnool is a poor place, decreasing in population and importance, and situated, as it is, at the confluence of two perennial rivers—one of them a river of the first order—the question of water-supply never, even before the introduction of the present system, was a question of really urgent importance. The present system is vicious from a sanitary point of view, and it is, in fact, a pernicious luxury : it never was a matter of necessity.

Order—dated 9th July 1884, Mis. No. 1520, Financial.

Recorded, pending receipt of the estimate, the submission of which the Executive Engineer will be requested, in the Public Works Department, to expedite.

(True Extract.)

(Signed) E. F. WEBSTER,
Chief Secretary.

ORDER—dated 28th July 1884, No. 1823 W., Public Works.

Communicated, with adverteng to G.O., No. 498 I., dated 23rd May 1884, to the Superintending Engineer, III Circle, who will expedite the submission of the estimate referred to.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, III Circle.
" Chief Engineer for Irrigation.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated July, 28*th*.

Read. *Encl.*

G.O., 28th July 1884, No. 1823 W.

JULY.

Kurnool Water Works

The Superintending Engineer asked to expedite submission to the municipal commissioners of the estimate of cost of proposed —.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

Proceedings in the Public Department, dated 3rd September 1883, No. 1729.

ORDER—dated 11th October 1883, No. 2858 W., Public Works.

The following points in His Excellency the Governor's minute and its appendix appear to require notice in the Public Works Department :—

Shevaroy Hills.

(1.) Ghât road fit for wheeled traffic to connect Yercaud with Salem.

Kurnool.

(2.) Railway to connect the Kurnool with the Kistna district.
(3.) Kurnool canal.

Nandyál.

(4.) Railway to the district from the Kistna.
(5.) Completion of the line of telegraph along the Kurnool canal.

Chandragiri.

(6.) Old Palace.

Venkatagiri.

(7.) Railway through the district to the westward.

Gúdúr.

(8.) Railway through the district.

Nellore.

(9.) Railway communication with Madras *viâ* Tirupati.
(10.) Protection of the town from floods in the Pennér.
(11.) Supply channels to the Nellore tank.
(12.) Collector's cutcherry and jail.

Cuddalore.

(13.) Minor Irrigation Works in South Arcot.

(1.) The President of the Local Fund Board will be requested, in the Financial Department, to state whether the Board are prepared to aid in this work and to what extent. On receipt of a reply the Government will consider the propriety of making a grant from Provincial funds.

G.O., dated 10th Sept. 1880, No. 2129 W.
„ „ 31st Jan. 1881, „ 250 W.

Items (2) and (4) refer to the project known as the Bezváda-Hindupur State Railway, the survey of which is now in active prosecution, and the construction of which has received the Secretary of State's sanction.

Items (7), (8), and (9) have reference to the project for a line of railway from Nellore westward, through Tirupati, to Madanapalle. The reconnoissance for this

line has been completed so far as Tirupati, and the remainder of the work will be taken up so soon as sufficient staff is available. The remarks respecting these two railway projects in the appendix to His Excellency the Governor's minute will be communicated to the Consulting Engineer for Railways.

(3.) The remarks on this subject will be communicated to the Chief Engineer for Irrigation.

(5.) It has been decided to open to the public the line of telegraph along the Kurnool canal, and an estimate is under preparation for putting the line into a condition which will enable the Telegraph Department to undertake its future maintenance and supervision.

(6.) His Excellency the Governor's remarks on this subject will be communicated to Major Cole, R.E., to the Superintending Engineer, Fourth Circle, and to the Consulting Architect to Government.

(10.) and (11.) These points will be referred to the Chief Engineer for Irrigation for consideration and report.

(12.) Plans and estimates for a new Collector's cutcherry and district jail at Nellore are now under preparation.

(13.) The remarks on this subject will be communicated to the Chief Engineer for Irrigation. The question of Minor Irrigation Works generally is receiving attention, and no special action on this particular point is required.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Chief Engineer for Irrigation.
" Consulting Engineer for Railways.
" Superintending Engineer, Second Circle
" " " Third " } With the appendix to the minute.
" " " Fourth " with copy of remark item 6.
" " " Fifth "
" Consulting Architect to Government, with copy of remark item 6.
To Major Cole, R.E., with copy of remark item 6.
To the Public, &c., Departments.
" Revenue Department.
" Financial "

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated October, 11*th.*

Recd. *Encl.*

G.O., 11th Oct. 1883, No. 2858 W.

OCTOBER.

Minute by His Excellency the Governor

Remarks on certain points noted in the — on his tour through the Shevaroy Hills, Kurnool, Nandyál, Nellore, Cuddalore, &c.

22ND NOVEMBER 1883, No. 937 I., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.

READ—the following:—

G.O., dated 11th October 1883, No. 2858 W., Public Works.

ORDER—dated 22nd November 1883, No. 937 I., Public Works.

The points in His Excellency the Governor's Minute which require to be noticed in the Irrigation Branch are—

(1.) The improvement of the water-supply from the Kurnool canal to the town of Kurnool.
(2.) The improvement of the line of telegraph along the Kurnool canal.
(3.) Protection of the town of Nellore from floods.
(4.) Improvement of the water-supply to the Nellore tank.
(5.) Improvement of minor irrigation works in the South Arcot district.

2. Action in regard to (1) must be taken by the Kurnool municipality. The leakage through the present masonry conduits cannot probably be prevented, and the substitution of water-tight iron pipes seems to be the only remedy. The question is entirely one of funds, and no doubt the municipality will require a loan to enable them to carry out the improvements necessary.

3. From a recent report received from the Superintending Engineer, Third Circle, it appears that the line of telegraph along the Kurnool canal requires considerable improvements. The subject is now under the consideration of the Telegraph Department.

4. With regard to (3) every effort is being made to render the embankments above the anicut safe; and in the floods of November 1882, which were the highest on record, in the Pennér river, the extent of damage done was inconsiderable as compared with that caused by the floods of 1874. How it can be said that a large portion of the town would have been washed away if a breach had not providentially occurred, cannot be understood, as it was the breach that caused the damage that was done. The proposal to build a large lock at the dispensary to take the surplus water to the sea is altogether incomprehensible.

5. The subject of the improvements necessary to secure a better water-supply to the Nellore tank is one that presents considerable difficulties. The matter is fully discussed in the note of Chief Engineer for Irrigation printed with G.O., No. 187 I., of 12th March 1881, and will receive attention.

6. With regard to (5) no special action is required as the improvement of minor irrigation works generally is now under consideration.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Ag. Joint Secy. to Govt. P.W.D.,
Irrigation Branch.

To the Superintending Engineers, Third, Second, and Fifth Circles.
" President, Kurnool Municipal Commission.
" Chief Superintendent of Telegraphs, Madras Division.
" Financial Department.
" Revenue "
" Chief Engineer for Irrigation.

Exd. E. Fernandez.
Spare Copies

IRRIGATION.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated November, 22nd.

Read. *Encl.*

G.O., 22nd Nov. 1883, No. 937 I.

NOVEMBER.

His Excellency the Governor's Minute

Passing orders on the points concerning the Irrigation Branch noticed in — on his tour of July 1883.

GOVERNMENT OF MADRAS.

FINANCIAL DEPARTMENT.

Read—again the following paper:—

G.O., dated 7th December 1883, Mis. No. 2793, Financial.

Read—G.O., dated 22nd November 1883, No. 937 I., Public Works.

Order—dated 7th December 1883, Mis. No. 2793, Financial.

The President of the Kurnool Municipal Commission will report on paragraph 2 after consulting the Commissioners.

2. Paragraphs 4 and 5 will be communicated to the President, Municipal Commission, Nellore, for information.

(True Extract.)

(Signed) C. G. MASTER,
Chief Secretary.

To the President of the Municipal Commission, Kurnool.
" " " " Nellore.

Read—also the following paper:—

From W. H. GLENNY, Esq., President of the Municipal Commission, Kurnool, to the Chief Secretary to Government, dated Pyápali, 20th March 1884, No. 122.

In reply to the official memorandum of the Acting Under Secretary, No. 565, dated 10th March 1884, I have the honor to report that the Commissioners are of opinion that their present resources do not admit of their contracting a loan for the improvement of the water-supply of this town as suggested in paragraph 2 of G.O., No. 937 I, Public Works, dated 22nd November 1883. The municipality has always been poor, and, with a decreasing population and a prospect of decreasing trade, its financial condition is not hopeful. The heavy educational charges thrown upon it by G.O., dated 17th August 1883, No. 1768, Financial, have already obliged the Commissioners to curtail some of their sanitary allotments. No margin for payment of interest can ever be expected.

Order—dated 1st May 1884, No. 959, Financial.

The transfer of middle and primary education to the Kurnool Municipality has resulted in a net increase in the education charges of Rs. 2,580 as shown by G.O., 12th February 1884, No. 305. Deducting from the total grant for education for 1884-85 Rs. 5,910, the fees expected, the balance, Rs. 3,360, is 14 per cent. of the municipal income exclusive of opening balance and license-tax receipts. On the other hand, the police contribution of which the municipality was relieved amounted to Rs. 3,890 on an average of three years. It does not appear, therefore, that the poverty of the municipality is due to the recent educational changes. At the same time it is

probable that no comprehensive scheme for the improvement of the water-supply of the town can be taken up unless a loan is raised. The President will report the cost of the works the Government in the Public Works department consider necessary to effect the required improvement. A rough estimate might be framed by the local engineering staff, and, should the cost be moderate and the Commissioners consider it desirable to raise a loan, the interest thereon may, it appears to the Government, be paid from municipal funds.

(True Extract.)

E. F. WEBSTER,
Chief Secretary.

To the President of the Municipal Commission, Kurnool.
Copy to the Public Works department.

Exd. J. W. Fischer.

P. W. D.

Govt. of (1884) Madras.

FINANCIAL.

Issued

Recd. Encl.

G.O., 1st May 1884, No. 959.

MAY.

Municipal Water-supply.

Passing orders on letter from the President, Municipal Commission, Kurnool, submitting report regarding the water-supply of the Kurnool town.

Recorded.

(Signed) J. B.

With Order

Report on a few of the more important points concerning the sanitary Condition of the Town of Kurnool.

The year in which the now so called Kurnool Cuddapah Canal was opened, there occurred a remarkable epidemic of Malarial fever in the Town. Since this period Kurnool has been notoriously an unhealthy station, on account of Malaria. Fever was not unknown up to this date, but the reports of Medical Officers in year preceding showed that it was little prevalent, and was of a mild and readily curable type. It may be assumed, without doubt, that this alteration of intense in character and prevalence may be ascribed to the introduction of excessive moisture to a soil containing the bacillus Malaria — thereby favouring its propagation. The Municipal Commission acting upon this opinion in 1881, prohibited any cultivation within one mile of the Fort walls. The result has been decidedly beneficial. But to get an effectual grip of the factor moisture

Excessive prevalence of Malaria in Town — how Caused.

it is essential that a more important matter should receive full attention, viz, the complete remodelling of the system of water-supply. The method at present employed is seriously erroneous, both from a sanitary and engineering point of view. Water is conveyed from the Hereford Canal throughout the town by means of rubble masonry channels below the ground-level. It is physically impossible that such channels should be impervious, on account of structure, the influence of passing traffic, and the murderous and powerful action of roots of growing trees. Ocular demonstration of leakage obtained in obtainable in several spots at intervals in the course of the channels are openings, from which percolate earth their more vessels — of probably most scrupulous cleanliness — draw water by means of ropes, or dirty fragments of rags. Matter introduced into these openings necessarily at once except be good reach into the channels,

Condition of Subsoil induced by erroneous water system.

Cesspools also cause of fluctuation and organic contamination of subsoil.

volume it cannot be recovered. It is estimated that there are 550 cesspools in the town, but as a matter of fact the number is probably underrated. The stratum lying immediately under the soil of the town is laminated, lineation or "Rivers formation". This is interesting but of course permits of the guidance of fluids along its surface, and percolation at points of fissure, or between the laminæ. The inhabitants boast that their cesspools do not require cleansing for periods of seven and eight years at a time — a matter easily explained by the fact that soakage in the soil being the method of disposal, by lateral spread a practically unlimited amount of fluid can be disposed of. Disease grouped these facts apparently irregularly together, but a consideration of them as a whole will show that soakage of the subsoil must occur as an effect of leakage from improperly formed channels, and from cesspools, thereby favouring the growth of organisms

good-practice in the west; (2) that the effect of the structure of the channels, and the uncertain pressure within them, may never serve at certain points to an [illegible] drain (no [illegible] landing that at all times there is a tendency to excess rather than of fluid) and, consequently, they are liable to receive impurities incident to the coal of an [illegible] locality - notably the foul water from creosote, (3) that the town water supply is liable to contamination from these sources, and from direct introduction of [illegible] matter into the open spaces in the channels retained for drainage water.

The obvious remedy for the conditions above described, is the laying down of water-pipes on modern principles. Shortly, this would embrace the making of a deposit reservoir near the canal, the leading off the clear water thence by a concrete and cement [illegible] to the present partially constructed tank near the gas-[illegible], which would serve

The necessity for a water supply on modern principles.

as a filter and supply reservoir, and thence to the town for distribution by iron pipes. The fall from the point indicated would, apparently, be more than ample to secure the requisite pressure; if not, undoubtedly a suitable site could be obtained near the canal. I have no new suggestion to [illegible] principle. But the matter has never been seriously entertained, because, without a [illegible] estimate the probable expense has been considered prohibitive.

An estimate should be made.

I would urge the Councillors to finally settle the point by making the necessary estimate. I am of opinion that the expenditure would not be really great. The distance from the source (the canal) to the town is trivial, practically no excavation for the main pipes would be necessary, as they could be placed in the present channels; excavation of the chief reservoir is nearly complete, from the nature of the clays in which the

ex ca ne tion [illegible] and many other Places,
no necessary would should be neglected
in the years coming, beyond doing it would
encrease; some future can must be secured
at an infinitely cheaper rate than
formerly in India, and as the water
would be distributed entirely by gravitation,
there would be no expenditure in lifting
steam power other expensive Machinery.
Speaking roughly, I believe former
Calculations I have caused to be
made that the annual profit of 63,000
would cover the cost. Should however
obstacles or loan ought not to prove
an insurmountable obstacle to the
Councillors, if Government were asked
to aid them by foregoing till the loan
was liquidated, the sum of £63,000 per
ann paid annually to them for water
taken from the Canal. With a pure
and dry subsoil, and a pure water
supply, there can be no doubt that
the wine of Cheltenham would be
preferred by the neighbour-

Rough calculation of probable

-hood would be rectified, and many
a wreck of the prosperity of Kent would
return.

Conservancy.

The town as a whole is kept admirably
clean; but, I believe there would
[illegible] be, in most parts, to the energy
of the Municipal staff — not to the
use by the inhabitants of the Con-
-veniences provided for them by the
Council & the early morning inspection
before the cleaning staff have
completed their daily round, by those
that street Conservancy [illegible] would
resorted to as the public latrines [illegible]
in a matter that requires public super-
-vision, a further advance in popularity
cleanliness in the adornment of the
principle streets both overground would
made & if [illegible] times, by the erection
of photo reminders & directions from
habitations of large excursions [illegible]

Quarters would have to be provided to make them as frequent & extensive as street Corners, or spots reasonably far from dwellings. These should be built of masonry of a circular, or, long and narrow shape with impervious flooring and drains well worked correctly, so that the principle each latrine not to have accommodation for more than ten persons. Natives Coming to be expected to willingly walk half a mile or more to latrines of a convenient Corner to the point of Exit.

In lieu of buffaloes necessary for removal from proximities, it is hoped the Councillors would find it more economical and expeditious to employ a Chinese syndicate as contractors. Use can be obtained of a vessel capable of containing thirteen gallons (Complete) at a cost of Rs 45 each at Bombay.

Lunatic Asylum

The Lunatic Asylum can scarcely last year and crowded as it is much success,

and as a great improvement is also projected not many better than 97 dated 2nd April 85, it is desirable that the joints of the stone slabs of the flooring be protected by cement, that the shape of the drain be altered, and above all, that a good supply of water be made available by the slight extension necessary of the neighbouring channels. On the same grounds, I consider it a matter of importance that the bore hole there should be placed under the stone superincumbent that afforded to the Native Hospital by the erection for them of a Lunatic Asylum. It should where necessary be provided having a sloping cement floor and drain, covered with a thin coating of cement, would be all that is required, and would cost but little.

Epidemic

Cholera appeared in the town on the 2nd July

a few weeks, did not finally disappear till the 20th of October. So far as can be judged, its introduction was due to the contamination of the water of the Kindree before it reached the town, by cesspits from villages above, which were primarily affected. The analysis of cases showed that 70.3 p.c. of persons attacked used the Kindree water for domestic purposes.

The Councillors were much pressed in carrying out sanitary suggestions offered, & were undoubtedly that the energy displayed by them effectually limited the extent of the disease. A total of 197 cases occurred with 75 deaths.

Drainage

The very useful drain made last year in 3rd street is insufficient, & it should be sufficiently extended to carry the refuse water beyond the footpath. A distance of a few yards

only, at present the drain ends in a cesspit which frequently at night smells strongly.

Cesspools.

There should be totally abolished as soon as possible, and there should be substituted, wherever practicable, the "earth closet" system. Small cesspits, properly ventilated, might be employed, and could be readily worked if the plan described under Conservancy were introduced.

Dustbins & Grave yards.

It is hoped the Councillors will take advantage without delay of Section 23 of the District Councils Act, originally forbidding burial in the vicinity of houses, and in the immediate grave yards within the town, & rendering the surface of the subsoil, and the small amount of earth available over the rocky subsoil strata, it is inadvisable

...ment therefore to require an adequate
...supply; but, leading regard to the
...errors of water systems indicated
...in the first part of the report, it
...is obvious that not only is the usual
...danger of contamination of well waters
...but that introduction of specific
...disease germs into the water-supply
...is a calculable result. During a
...cholera epidemic, the present
...haphazard mode of burial constitutes
...a most serious danger.

Vaccination.

The condition of vaccination is unsatisfactory. I believe the introduction of Animal vaccination is highly desirable, and could not be attended with difficulty.

(Signed)

Nasik
28th March, 1887

W. Griffiths Lt. B.
Surgeon Major
District Sanitary Officer.

(True Copy)

A. Veeravaraprasada Naidu
Offg. Chairman.

Extract from the Proceedings of a Meeting of the Municipal Council, Nasik, held on the 12th May 1887.

Present.

Official Members.

M. H. G. Sommerville Esqr. Collector.
Rao Sahib
V. V. Shivarampanth Apte Esqr.
Rao Sahib

Non-official Members.

1. A. Subba Row Garu, Rao Bahadur
Chairman.
2. Vasudevpant Ganesh Joshi Garu,
Rao Sahib.
3. Dattatraya Ramchandra Khasgiwale Esqr.
4. Syed Ahmed Baiya Sahib, Khandesh
Krishnaji Dada Sahib, Khan Sahib.

The following business was transacted.

× × × ×

6. Read report on a few of the more important points concerning the sanitary condition of the town of Nasik—from the District Surgeon—

Resolved.

Government will be addressed

with a request that they will be pleased
to reconsider their decision declining to
permit the annual water tax of Rs. 3500
now levied from Municipal Funds.

2nd that they will call upon the
Public Works Department to expedite the
preparation of the estimates called for
in Government Order No. 959 dated
9th May 1884 (Financial).

With regard to the other suggestions
made by the District Surgeon the
Municipal Council will gradually
carry out his views as funds become
available. The question of compul-
sory vaccination will be considered
at a more fully attended Meeting.

× × ×

(Signed)
A. Subbaraya
Chairman
(True Extract)

Veerasawmy Pandia
Offg. Secretary

Rec 3 Jan 1887

Enclosure to letter No 71
7-6-86
from the Chairman Kurwood
Municipality to the Chief
Secretary to Government.

Report on a few of the more important points Concerning the Sanitary condition of the Town of Kurwood

Jul 10 18 86
2

Circ 5262

To W

The Collector is apparently of opinion that the question of remitting the water rate should not be considered until the estimate for the improvement of the water supply of Kurwood has been sent up.

A fresh draft despatch is therefore submitted for approval, in supersession of the Council draft on the basis of the Current.

Ch
15 Jy 86

Chairmans Municipal Councillors office
7th January 1886.

Enclosure 2

Canada. Department
Commissioner's Office
7th June 1886.

Report

Ag. D. S. 1810 of
dated 17th July 1886
has been communicated
from here to the Revenue
Dept. - Kindly have
it noted on the
original & all spare
copies at Quebec -
The extra communication
will be enrolled on
these copies here -

J. P.
Hon. Sec.

Enclosure 2

Enclosure Municipal
Councillors' office
7th June 1886.

No 118

From
The Chairman
Municipal Council
Kiama

To
The Colonial Secretary
& Government
(Through the Revenue & Colonial Officer
in charge of Municipalities Kiama)

Sir,

I have the honor to bring to the notice of
Government that the District Inventory office
has in a pressing state of affairs
enclose a copy. Owing the attention of the
Municipal Council of Kiama to the defective
character of the present arrangements for
supplying the town with water and to the
necessity for introducing a System of Water
Supply on modern principles. Under these circumstances
recommends the substitution of Gravitation
for the present Hydraulic Pressure
(Steam & Condensation machinery from
sub-soil Springs) Owing the construction of
a Filter and Supply Reservoir the cost
of which he thought estimated at £3,000

Government are aware that the Municipal Council is quite alive to the importance and necessity of improving the Water supply of the Town and that His Excellency the Governor honored the Municipality with a visit on July 1883, the Commissioners gave an address presented to His Excellency, dwelt on the necessity for carrying out the very Measures now suggested by Doctor Hoog and begged that the Government would in Consideration of the poverty of the Municipality, and its inability to afford the very large expenditure likely to be required for the execution of the improvements needed, would accordingly favourably consider the annual Water-Rate of Rs.3500 levied from them for the supply given to the Town from the Irrigation Canal, and submitted that this concession would enable the Commissioners to spend the interest on the Capital required for the improvements. His Excellency however considered that the concession would be a bad precedent and Government in their order dated 22nd November 1883

regard to the improvement of the town water supply should be taken by the Municipality by raising a loan.

His Excellency in his letter embodied in Government Order No. 959 dated 15th May 1884 pointed out the utter impossibility of raising a loan as no margin for payment of interest could be expected out of their income which could be increased with any safety while existing taxation remained as it was. Government however complied to send for a report on the matter of the water proposal for consideration by the Water Works Department.

The Commissioners accordingly forwarded the Executive Engineer's demi-official letter No. 206 dated 2nd June 1884 to favor them with a scheme for the improvement of Water supply combining (1) the substitution of Kirkee Tank Water for the present Boundary canal (2) the construction of 2 tanks for storage of Water for circulating the Water of the

[illegible] and ordered for
[illegible] and (3) the construction of
a reservoir site which the Water Committee
brought before and allowed to settle
before it is taken into the Loan proposals
In response to this request has been
received from the Executive Engineer
In reply to a reminder dated 12th August
1885, the Executive Engineer states
that the plans and estimates called
for by Government have not been
prepared and that with the staff
at his disposal it was impossible for
him to say when they would likely be
prepared.

2. In considering the District Treasury
Officer's Memorandum the present
Municipal Council at a Meeting
held on the 12th ultimo resolved to
request Government (1) to reconsider
their decision declining to remit the
annual Water rate of Rs. 3,500 now
levied from Municipal Funds and (2)
to call upon the Public Works Department
to provide for the submission
of the estimates called for in Government

Order No. 953 dated 7th May 1884.

3. Where the loans currently to repay
that their prayer may be granted. The
Government will see from the accompanying
annual budgets of the Municipality
for a series of years the utter impossibility
of providing for payment for
any large additions or improved water
but out of the existing resources of the
Municipality. The Municipal
Council is entirely averse to levy a
separate water tax as the Town
under the powers given to it by
Act XIII of 1865 Municipalities
Act as to the percentage of house
tax which it is empowered to levy
on taxation has already reached a
comparatively high point as the Town
considering the poverty of the population
and the exemption of an important
source of income has been raised on account of assessment.

Where the honor to be,
Sir,
Your most obedient servant,
S. Veeraraghavachariar
President
Municipal Commissioner

No 433

~~Submitted for favourable~~

~~consideration~~

~~Kumool 3~~ No: 294
17-6-86
~~Jamindars 3~~ ~~Ag Collector~~

Submitted for the orders of Government.
It appears to the undersigned that the Councillors should not ask the Governor-in-Council to reconsider their order until they (the Councillors) submit plans & estimates of the proposed works. The Municipality has done great things for Kurnool & the undersigned would humbly submit that on a proper estimate being submitted the prayer of the Council be granted. Undoubtedly the Town is too poor to pay for both the works & the proposed improvements.

H Glendenning
Ag. Collector.

Kurnool
15. June 86

Q.O. 1823 W. 28-7-84. oil
No 498 J. 23-5-84
Q.O. 937 J. 22-11-83
2838 W. 11-10-83

No 427

Transferred to the Public Works dept for disposal.

By order

Under Secretary

To
The Madras
July 1886

The papers will be forwarded to the Executive Engineer for disposal of the point of the Commissioner's request; and the S.E. III Circle will be directed to see Council without further delay, the reference dated 28th July 1884.

Public Works dept
28th July 1884.

S.E. III Circle
Executive Engineer

From
The Chairman
~~Municipal Council~~
Kurnool

To
The Chief Secretary
to Government
Fort St George
(Through the Revenue Divisional Officer in charge of Cumatta Taluq).

Dated 7th June 1886.

Received 12th June 1886.

No 71

Enclosures 2.

Requesting Government (1) to reconsider their decision declining to remit the annual Water-rate of Rs 3500 levied from Municipal Funds and (2) to call upon the P.D.W. to expedite the submission of the estimate called for in Government Order 959 dated 1st May 1884

Under Secretary

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 17th July 1886.

Read the following

Letter from the Chairman, Municipal Council, Kurnool
No. 71, dated 7th June 1886.

Endorsement by the Collector of Kurnool No. 294
dated 17th June 1886.

Endorsement in the Financial Department.
No. 427, dated 12th July 1886.

Communicated to the Supt.g Engineer, III Circle, who will expedite the submission of the estimate called for in Proc.s No. 498 J dated 23rd May 1884, and No. 1823 W, dated 28th July 1884.

By order

meantime it should be reported in what stage the matter now is, and when the estimates may be expected.

2. The question of remitting the water rate levied from Municipal funds for the supply received from the canal will be considered on receipt of the estimate.

W.
15-7-86

Secy
17/7/1886

J.
The Superintending Engineer,
S. W. Circle.
with reference to original for perusal and early return.
" " Chief Engineer for Irrigation.
" " Financial Department.
Rec. Asst. Engr. from
dated 16-8-86

W.
17-7-86

W.
17.7.86

23/7/1886

Govt. of India.

PUBLIC WORKS.

Dated

Rec'd.

Ans.

G.O. 17 July No. 1813

Harrow Enclosed Sketch

Mr Despagne has represented the expediency of Mir Rahimdad for the imprisonment of Mir ——— & the question of removing the earthen vase buried from the Ameer's Cipuli (Tomb) to be considered on receipt of Mr Latimer's letter.

60