

Local & Muni. (1899) Department.

MISCELLANEOUS.

G.O., No. 1886 *Ln*

DATED 19/12/99

[Despatch Abstract.]

Gunbar Water Supply Scheme.

Recording the resolution of the Sanitary Board that the proposed re-alignment of the Northern feeder channel of the — must be abandoned & the scheme accepted as originally prepared.

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. (1899) Department.

CURRENT No. 309/12



From The Ag. Secretary,
Sanitary Board.

Order No 1886 under 19-12-99

Recorded, pending receipt
of the report from the Municipal
Council of further called for in G.O.
No 1615 M, dated 31st October 1899.

No. 631/5

Dated 1st December 1899.

Received 2-12-99

Registered 2-12-99.

Enclosures Plans. nil } Total 1
other - 1

Spare copies

SUBJECT.

Gunter Water Supply Scheme

Submitting that the
proposed realignment of
the Northern Feeder Channel
of the — must be aban-
doned and the scheme
accepted as originally
prepared.

To the Sanitary Board
The Chairman, M.C. Gunter

Dec 21/12/99

BACK PAPERS.

G.O.	No.	Department.	Date.
	1615	h.h.	31-10-99

FURTHER PAPERS.

G.O.	No.	Department.	Date.

S.E. 1,000-17-1-99.

No. 1453

GOVERNMENT OF MADRAS.

OFFICE OF SANITARY ENGINEER,

Poonamallee Road (Park Town),

Madras, 14th November 1899.

From

A.A.G. Malet Esq., A.M.I.C.E.

J. A. JONES, Esq. MEM. INST. C.E., F.R.S.E.,

AG. SANITARY ENGINEER TO GOVERNMENT,

To

The Secretary to Government,

Local and Municipal Department,

through the Sanitary Board.

SIR,

With reference to paragraph 2 of G.O. No. 1615-M Mis, dated 31st October 1899, I have the honour to report that it is not possible to realign the Northern Feeder Channel of the Guntur Water Supply Scheme so as to avoid contamination by the Sattenapalli Station Yard.

2. This Station is opposite 8,250 feet on the channel.

At this point the levels compare as follows:-

Level of ground at channel.....232.06

-----do-----proposed bed of channel.233.71

Level of ground near Station..... 240.00

Rail level at Station..... 241.80

The ground level above the Station and towards the high

ground (which ^{corner} ~~covers~~ close down near the station) must be still higher.

3. The difference of ground level for a new line for

the channel above the station may therefore be taken as at least 12 feet and as the channel is now in 8 feet of cutting a realignment to take the channel above the railway is not feasible.

4. The channel as at present proposed starts just below the junction of 3 streams. If realigned 12 ft. higher 3 streams would have to be tapped and 3 dams built instead of one.

5. I would point out also that at its starting point the channel is only 2,000 ft. distant from a village and that it crosses or runs close to a road at 1,400 feet, at 5,000 ft. and from 8,500 to 16,700 ft. No realignment is possible owing to the hilly nature of the ground between 9,000 and 16,700 ft.

6. Sattenapalli Station is a small station, the traffic ^{there} is small and I am told it is not affected by festivals or other special occasions.

7. The channel is, I should say, more likely to be contaminated owing to its proximity to the road between 8,500 and 16,700 feet than anywhere else and as this length cannot be realigned I do not think it is worth while to alter it higher up. For the same reason I do not think it is worth while, any how at present, to consider the advisability of isolating the drainage of the Sattenapalli Station and passing it under the channel.

8. I have worked out figures to see whether the upper portion of this channel could be abandoned. I find that this would involve a loss of 1.85 Sq. miles of catchment out of a total of 7.38 Square miles and that the estimated supply to the Impounding Reservoir

would

would be so seriously affected that this idea cannot be entertained.

I have the honour to be,

Sir,

Your most obedient servant.

Allan H. M. S.

Ag. Sanitary Engineer to Govt.

Government of Madras.

SANITARY BOARD OFFICE.

PROCEEDINGS OF THE SANITARY BOARD, No. $\frac{631}{5}$, DATED 1-12-99

Read the following:—

From the Ag. Sanitary Engineer to Government,
No. 1453, dated 14 November 1899.

Resolution

With reference to para 2 of
G.O. No. 1615 M, Mis. dated 31 October 1899,
the Ag. Sanitary Engineer reports that it is
not possible to realign the Northern Feeder
Channel of the Guntur Water Supply Scheme,
so as to avoid contamination by the
Sattenapalli station yard.

2. He observes that Sattenapalli is
a small station of no great traffic, and is
not affected by festivals etc, and that the
channel is more likely to be contaminated
by its proximity to the road between 8500 and
16,700 ft. than anything else. To abandon
the upper portion of this channel would
involve

involve a reduction of the catchment area, which would seriously affect the estimated supply.

3. The Sanitary Board resolves to forward the letter read above to Government, with the remark that the proposed realignment must, apparently, be abandoned and the scheme accepted as originally prepared.

(True Extract)

~~Cumprison~~

Ag. Secretary Sanitary Board.

To
The Secretary to Government, Local and Municipal Department, with the Ag. Sanitary Engineer's letter in original
" Sanitary Commissioner

When sent for copying _____
When copied _____
When examined _____
When signed 20/10 } 189 .

READ AGAIN G.O., No. _____, DATED _____
189 .

CURRENT No. _____

ENCLOSURES TO C. No. _____

ORDER OF GOVERNMENT A A A A A A A

LETTER OF GOVERNMENT

STATEMENT WITH DITTO

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

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