Number of pages 16
Date of repair 25-6-87
Initials of Reference
4

M.R.O. 1—32 400—22-11-30

MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

Cons. 17.5.57

G.O. No.	944	Press Mis.
48-49 Dated	16.5.	1857.

Not to be folded or roughly handled

Fort Saint George, Public Works Consultation of 19th May 1857.

No. 48. Read the following Extract from the Proceedings of the Chief Engineer, dated 20th April 1857, No. 11861.

Read the following letter from the Superintending Engineer Central Circle.

Forwards Statements of rain falls and Register of supply in Tanks in Bellary, from 1852 to 1856, and offers some observation with reference to the state of the tank in the Collectorate of Bellary, and Cuddapah. } (Here enter 4th April 1857, No. 46.)

Resolved that a copy of the foregoing Report, No. 46, of the 4th April 1857, with its enclosures, (to be obligingly returned) from the Superintending Engineer Central Circle, be submitted for the information and orders of Government, with an expression of the Chief Engineer's opinion, that, until the lists of all works of irrigation are completed, comparatively little can be effected for the systematic renovation of even the principal tanks in each District. But the information respecting Enams, Maniums, and Jagheers, and the money value of them is but little likely to be ascertained by Officers in the Department of Public Works, and the whole subject discussed by Captain Collyer in the 6th, 7th, and 8th paras. of his Report, might perhaps be advantageously referred for the consideration of the Board of Revenue.

(Signed) C. E. FABER, Colonel,
Chief Engineer.

No. 49. ORDER THEREON, No. 944; dated 16th May 1857.

As suggested by the Chief Engineer, a copy of the Report of the Superintending Engineer of the Central Circle which accompanied the above proceedings, will be furnished to the Board of Revenue, for any observations they may desire to offer with especial reference to paras. 6, 7, and 8 of the report.

2. Ordered that the original enclosures to Captain Collyer's letter be returned to the Chief Engineer.

(Signed) H. FORBES,
Acting Secretary to Government.

No 46

From

Captain G. C. Collyer.
Supg. Engineer Central Circle.

To

Colonel C. E. Faber.
Chief Engineer D. P. W.

Sir.

I have the honor to forward a Statement recently received from the Collector of Bellary of the rain fall in his District for the Years 1852 to 1856, inclusive. I have not thought it worth while to get the same Statement from the other Collectorates; for Kurnool may be considered to be as badly situated as Bellary is, while the provinces of Cuddapah and especially Nellore, are better supplied, the rains there being, though far from considerable, more abundant.

2. Although the rains are so scanty as to have amounted in 1852 to only 24 7/8 inches and in 1854 to only 15 3/4 inches on average on the entire District of Bellary during the 12 months, it is to be borne in mind, that the rain fall is considerable in some of the months, as for instance in September and October, and that some of the Talooks as Hunnply, Adony, and Pauchepollium, very much reduce the average.

3. On comparing the Talooks of Bellary and Adony, the rain fall in 1856, was 14 1/2 inches, and in Adony 12 1/2 inches, in Bellary 4 Tanks received a full supply, and 1, a half supply. the Cucar Ayacut is 298 acres, the demand 2132 Rupees

Whereas

whereas there were but 60 acres cultivated, and 280 Rs. collected in Adony 23 Tanks received a full supply, 1a three fourth supply, 2 a half and 2 a quarter supply the Ayacut Acres, being 1887, and the demand 13878 Rs. whereas there were 1251 Cultivated, and 8899 Rupees collected.-

4.- In Fusly 1259/1849/50 with 4 Tanks full, and 1 three quarters full in Bellary Talook, the same number as were filled in Fusly 1265/1855/56 the cultivation was 157 Acres and the collection 893 Rs. The above figures shew, that these sort of Statements though very valuable as a general guide, cannot without a knowledge of the tanks filled, for it is evident they must have been different tanks altogether convey any very concise formation as to Bellary itself, or any just comparison between Adony and Bellary, the former with a less rain fall having a greater amount of cultivation than the other. But though it does not shew exactly, it shews generally, that the District is capable even on its rain fall above, of being made much more fertile than it is, and without entering upon the admitted fact of the necessity of attention to tanks &c. I shall simply remark, that thousands of Acres in Bellary may, as I have in former letters pointed out, be irrigated from the Pennair, the Huggry, and by Anicuts and Channels from the Tombudra.-

5.- The tanks in the Bellary District are many of them fine works, and the larger of them in good repair, but many breached in the storm of 1832, and still dilapidated, should be restored after consultation with the Collector: attention should be directed and paid to the tanks which may be said to be in repair, with reference to their supply, their Calingulahs, Sluices &c. many of which appeared to me to be capable of revision.-

6.- I do not advocate the putting into what might be called unnecessarily good order, the existing tanks, but I certainly recommend that every work should be put into a thoroughly efficient state; water is lost by the drainage being imperfectly directed, leaky sluices, inefficient Calingulahs, and careless Money-cars are by the waste of the water which might otherwise be retained, almost as frequent a source of want as the failure of rain itself. These remarks may be applied in a degree to other Districts. I have only here repeated an old story about the state of tanks generally to shew how much remains to be done with reference to the general improvement of the districts by their being kept efficient, and have addressed these observations as to the uncertainness of the rain fall, to shew how necessary it is to utilize whenever practicable the waters of rivers rising in Districts more favorably situated.-

7.- The Government have a right to expect greatly from the greatly increased efficiency of the P.W.D. that the works will in the course of a few years be in a very different state to that in which they too frequently are now, and I believe that their expectations will not be disappointed. but the Engineer Officer require a greater amount of authority than they have at present, the whole of the irrigation Money, Jars, and their Subordinates

should

should be under their immediate control, with power to punish Summarily the usual offences which they are guilty of, cutting tank bunds to get water for irrigation, wasteful distribution of water, cuttings through made roads, continually diminishing the width of bunds, whether tanks or channels, so as to enlarge their fields, the non executing Mamool labor, such as clearing minor channels &c. these, each and all may seem petty things, but to those whose employment it is to keep works effective, it is a serious evil and one which will never be checked by sending up the delinquent to a police Authority for punishment, the probabilities being, even if a man were taken in the act of cutting open a tank, and its destruction the consequence, that little or nothing would be done to him.

8. The rules framed by the late Captain Best, and described in Lieut. Goode's Book of notes for the repairs of tank bunds, are, I think well adapted for the purpose, and the classification of Estimates into occasional, Ordinary, Emergent, &c. do not require alteration, but there are some tanks for instance, Camalapore in Bellary, and others too numerous to enumerate in Cuddapah &c. in which the Moniums, and Inams, are equal to, or in excess of half the entire revenue of the tank, and in Cuddapah, there are numbers of tanks which require repair, and should be repaired on ordinary Estimate, but cannot be so, because their Estimates amounting to only a few Rupees above the half value of the cultivation are yet in excess of the Government share of the collection. I should imagine

imagine, that these Monimdars, and Inamdars, have some covenants to perform, and the matter should certainly be enquired into, and be no longer left in doubt, the duties of the Circar and the other party, should be clearly defined.

I have &c.

Vizianagaram / S. J. G. L. Collyer Captain
April 4: 1837. / Sup. Engr. Central Circle

True Copy /

Colonel
Chief Engineer

1837

C.J.W.D

No 944.

Extract from the Minutes of Consultation
Under date the 15th May 1857.

Read the following Extract
from the Proceedings of the Chief
Engineer.

(Here enter 20th April 1857 No 11861)

As suggested by the
Chief Engineer, a Copy of the con-
report of the Superintending con
Engineer of the central circle
which accompanied the con
above proceedings, will be furnish
=ed to the Board of Revenue,
for any observations they may
desire to offer with especial
reference to paras 6. 7 and
8 of the report.

the original Enclosures to
Ordered, that Capt. Colleger's
Colleger's letter be returned
to

No 11861.

Read 29th April 1857.

Copy of a letter from the
Offg. Engineer Central Circle
Forwarding statement of rains
fall and register of depths in
Tanks in Bellary from 1824.
1857. with observations on the
state of the Tanks in the
Collectorate of Bellary and
Cuddapah.

P.R. 786/57

to the Chief Engineer.

JR

9 Copies to the Chief Engr.
with 2 Encls.
Diff. 16

3 do Bd of Dir.
with Copy Cap Collins
Letter.

6 —

No 11861 7

Extract from the Proceedings of the Chief Engineer
in the Department of Public Works.

Under date the 20 April 1857.

Read the following letter from the
Superintending Engineer Central Circle.

Inwards Statement of rain falls and Register of supply in Tanks in Bellary from 1833 to 1856, and offers some observation with reference to the state of the tanks in the Collectorate of Bellary and Cuddapah.

Here Enter 4 April 1857 No 46.

Resolved, that a Copy of the foregoing Report, No 46, of the 4 April 1857, with its enclosures (to be obligingly returned) from the Superintending Engineer Central Circle, be submitted for the information and orders of Government, with an expression of the Chief Engineer's opinion that, until the Lists of all Works of irrigation are completed, comparatively little can be effected for the systematic renovation of even the principal Tanks in each District. But the information respecting Evans, Maninnes and Jugheers, and the money value of them is but little likely to be ascertained by Officers in the Department of Public Works, and the whole subject discussed by Captain Collyer in the 6, 7, and 8, Paras of his Report, might perhaps be advantageously referred

Enclosures-3
1 Copy of a Report No 46 - 4 April 57
2 Statements (in Original to the 2d)

6 May 1857

Public Works 1857 Dept.
No 10 Cover 19 Endorsg.

No 944.

Colonel Ellis's Corr:
Dy 15th & May 1857
Extract from Bk 23rd Sept 56
Pp 163 to 170

No 11861.

Report of the Superintending Engineer Central Circle with statements of annual Registers of supply in Tanks in Bellary &c &c

Requesting that the Report may be returned to office & intimating that original enclosures in Capt Collyer's letter to be submitted to the Chief Engineer.

referred for the consideration of the Board
of Revenue.-

Wd. Field Colonel

Chief Engineer

To

The Secretary to Government

P.W. Department

DGP

Lieut. Works 1837 Despatches
Rec'd 16th Ult. Chief Engr
No. 786

Extract from the Proceedings
of the Chief Engineers
to The Secy. to Government
Ry. Department

Dated 20th April 1837.
Rec'd 22nd
S. E. No 944. 15th Ult.
No. 1861
Encls 3
Do. 2 Returned

Submitting copy of a Report No. 46
dated 4th Instant from the Lieut.
Engineer Central Circle, with
Statement of rain fall and supply
of supply in Tanks in Bellary
from 1832 to 1836. with observations
on the State of the Tanks in Bellary
and Cuddapah, and that the
report might be advantageously
referred for the consideration of
the Board of Revenue.

No 48 - 4 Cy

Cy Secy Ry 14th