M.R.O. 1—10,006—28-2-50

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No. / ~~B.P. No.~~	1840	Press / ~~Mis.~~	
Dated	20-7-		1950

Not to be folded or roughly handled

No. 337. Read the following letter from J. D. B. GRIBBLE, Esq., Acting Collector of Cuddapah, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Pullampett, 4th July 1876, No. 23:—

WITH reference to paragraph 3 of G.O., No. 1,300, dated 24th May 1876, I have the honor to state that I have carefully inspected the Cheyair channels, together with the Range Officer Mr. Schoury, and beg to forward the following report, &c.

2. I send herewith a sketch of the river and the channels, kindly prepared for me by Mr. Schoury. The red line along each bank shows the lay of the new river embankment, the survey of which Colonel Mullins mentions as not having been completed at the time of his visit.

3. Nos. 1 and 2 are the two channels alluded to by Colonel Mullins, for which he proposes to have one head sluice as near to Pagoda Point, as the Shrotriem channel (3) will allow abolishing "the several independent heads of the river channels, heads which are by no means efficient, and which have to be carried far out into the river." I feel somewhat diffident in opposing my opinion to that of so able an Engineer as Colonel Mullins, but having had an opportunity of seeing the river in the midst of a very dry season, it is possible that my reasons may induce Colonel Mullins to reconsider his opinion.

4. A new head sluice might be formed somewhere between the village marked on the sketch and Pagoda Point, but I do not think that the channels would thereby obtain an improved supply. For the greater part of the year, when this river is scarcely more than a dry bed of sand, water is only brought into the channels by digging long channels in the river bed, extending some of them over a mile. As the season gets more dry, these channels are deepened and lengthened, and at present some are as much as 5 feet deep. It is clear, therefore, that even if the head sluice were moved higher up, and nearer to Pagoda Point, in the dry season the channels would still have to be dug as far into the river bed as they now are, and the more the water sinks below the level of the sand the further they would have to be dug. The advantage of having these independent heads (shown in the sketch by dotted lines) is that each channel obtains an independent drainage. If there were only one head sluice, there would be only one head leading to it, and the channel would, I fear, obtain a smaller supply. This remark equally applies to the channels A, B, C and D on the opposite side of the river, which I believe Colonel Mullins proposed to feed from one head sluice at A. When I inspected them, some of these heads were dry, and others had a good stream in them. Had all the channels been supplied from one head sluice, and one head, the supply to each channel must necessarily have been much smaller. Again, it is the immemorial custom of the ryots to dig out these channels in the river bed each year, and it is a work requiring much labor. Were there only one head sluice for several channels, the ryots would be constantly disputing as to whose duty it was to dig the head channel in the bed, and when the water was brought to the sluice, there would probably be fresh disputes regarding its division. Nor would there, I think, be any saving in the construction of one head sluice for several channels. The work would of course be larger than it is at present, and fresh channels would have to be dug from it at considerable cost to lead

into the already existing channels. The present head sluices to the different channels are by no means costly. They consist only of a masonry wall with a vent at the bottom. If the new plan and estimate for the embankment is sanctioned, it is proposed to build these head sluices in the embankment at the places where they now are—Channels A and B are already provided with good head sluices, and probably no others will be required—Channels 1 and 2 and C and D have no sluices. Under these circumstances, I am inclined to think that it would be better to adhere to the existing arrangements, which are well understood, and which avoid the occurrence of disputes.

5. It will be noticed that the new survey provides for the embankment parallel to the river on the south side running westwards until it joins the high ground at Pagoda Point, which is what Colonel Mullins suggests. This bank will, as will also that on the opposite side of the river, effectually cover all the channels from future floods.

6. The other points alluded to in paragraph 3 of the Government Order under reply have been noticed, and reports are expected in due course.

No. 94-W.

No. 337-A. *Note by the Chief Engineer for Irrigation.*

It would probably be practicable to obviate the objections urged by the Acting Collector of Cuddapah to the provision of one head near Pagoda Point for the Annagorpully and Manoor tank channels, but his views as to the advantage of maintaining independent heads as at present in order to avoid disputes may readily be accepted.

2. The undersigned has not expressed or entertained any idea of concentrating the heads of the channels on the left bank of the Cheyair above the Railway.

OOTACAMUND, (Signed) JOHN MULLINS, Lt.-Col., R.E.,
14th July 1876. *Chief Engineer for Irrigation.*

To the Secretary to Government, Public Works Department.

No. 338. ORDER THEREON, 20th July 1876, No. 1,840.

IRRIGATION, No. 35.

RECORDED with reference to G.O., No. 1,300, of the 24th May 1876.

(True Extract.)

Colonel,
Offg. Under Secy. to Govt., P.W.D.

To the Collector of Cuddapah.
„ District Engineer of Cuddapah.
„ Chief Engineer for Irrigation.
„ Revenue Department.

Exd. W. H. French.

Spare Copies

No. 23.

Cuddapah Collector's Office
Camp at Pullampett
4th July 1876.

From J. D. B. Gribble, Esquire
A.J. Collector of Cuddapah

To
Major General G.W. Walker, R.E.
Secretary to Govt. Public Works Depta
Ootacamund

Sir,

With reference to para 3 of G.O. No. 1300, dated 26th May 1876 I have the honor to state that I have carefully inspected the Cheyair channels together with the Range Officer Mr. Dehony, and beg to forward the following report &c &c

2. I send herewith a sketch of the river and the channels kindly prepared for me by Mr. Dehony. The red line along each bank shows the lay of the new river embankment, the survey of which Colonel Mullins mentions as not having been completed at the time of his visit.

3. Nos 1 and 2 are the two channels alluded to by Colonel Mullins for which he proposes to have one head sluice as near to Pagoda Point as the obstacles channel (3) will allow abolishing "the several independent heads of the river channels, heads — which are by no means efficient and which have to be carried far out into the river." I feel somewhat diffident in opposing any opinion to that of so able an Engineer as Colonel Mullins, but having had much to do with the working of these channels and the irrigation of

of a very dry season, it is possible that my reasons may induce to Colonel Mulling to reconsider his opinion.

4. A new head sluice might be formed somewhere between the village marked [illegible] Pagoda point but I do not think that the channels would thereby obtain an improved supply. For the greater part of the year when this river is scarcely more than a dry bed of sand, water is only brought into the channels by digging long channels in the river bed extending some of them over a mile. As the season gets more dry, these channels are deepened and lengthened, and at present some are as much as four feet deep. It is clear therefore that even if the head sluices were moved higher up and nearer to Pagoda point, in the dry season the channels would still have to be dug as far into the river bed as they now are, and the more the water sinks below the level of the sand, the further they would have to be dug. The advantage of having these independent heads (shown in the sketch by dotted lines) is that each channel obtains an independent drainage. If there were only one head sluice, there would be only one head leading to it, & the channel would I fear, obtain a smaller supply. This remark equally applies to the channels A.B.C. & D. on the opposite side of the river, which I believe Colonel Mulling proposed to feed from one head sluice [illegible]

not so – no alteration was mentioned or contemplated

good stream in them. Had all the channels been supplied from one head sluice, and one head, the supply to each channel must necessarily have been much smaller. Again, it is the immemorial custom of the ryots to dig out these channels in the river bed each year, & it is a work requiring much labour. Were there only one head sluice for several channels the ryots would be constantly disputing as to whose duty it was to dig the head channel in the bed, & when the water was brought to the sluice, there would probably be fresh disputes regarding its division. Nor would there, I think, be any saving in the construction of one head sluice for several channels. The work would of course be larger than it is at present, & fresh channels would have to be dug from it at considerable cost to lead into the already existing channels. The present head sluices to the different channels are by no means costly. They consist only of a masonry wall with a vent at the bottom. If the new plan & estimate for the embankment is sanctioned, it is proposed to build these head sluices in the embankment at the places where they now are. Channels A & B are already provided with good head sluices, & probably no others will be required. Channels 1 & 2 and C & D have no sluices. Under these circumstances I am inclined to think that it would be better to adhere to the existing arrangements which are well understood, and which avoid the occurrence of disputes.

5. It will be noticed that the new survey provides for the embankment parallel to the river on the south

south side running Southward until it joins the high ground at Pagoda point, which is what Colonel Shulling suggests. This bank will, as well also that on the opposite side of the river effectually cover all the channels from future floods.

6. The other points alluded to in para 3 of the L.O. under reply have been noticed and reports are inputted in due course.

I have the honor to be
Sir
Your most obt Servant
J.R. Ramadhaney
Dy Collector
for Ag Collector.

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4
4

E. I. Form No. 18.

OFFICE OF CHIEF ENGINEER FOR IRRIGATION,

~~Fort St. George~~ Coleroon, 14 July 1876.

No. 94-W.

Note by the Chief Engineer for Irrigation.

It would probably be practicable to obviate the objections urged by the Acting Collector of Cuddapah to the provision of one head near Pagoda point for the Amaravully and Manoor Vaink channels, but his views as to the advantage of maintaining independent heads at present in order to avoid disputes may readily be accepted.

2. The undersigned has not expressed or entertained any idea of concentrating the heads of the channels on the left bank of the Cheyair above the Railway.

Lt. Colonel
Chief Engineer for Irrigation
for the Secretary to Govt. P.W.D.

Endn 2

No. 24 Irrig/76 M/1300

P. W. 1876 Department

~~P. W. 1879~~

P. W. 0230/76

From The Acting Collector
To The Secretary to Government
Public Works Department.

Dated 9th July 1876.

Received 13th July 1876.

Subject Irrigation Works
Head of Vaink Channels

Sir,

I have the honor to forward a report No. 1300 dated 24th May 1876 with a plan of the Vaink channels which I had called for in connection with the Ranjengoddy Project and enclosure which I submit for the information and orders of Government.

I have the honor to be
Sir
Your most obedient servant
Acting Collector

P. W. 1876. Department.

No. 94-W.

No. 5230

The Chief Engineer for Irrigation.

To The Secretary to Government.
P. W. D.

Dated 14th July 1876.
Received 22nd " "
Encls. 1 &

Cheyair Channels - Cuddapah District - Note on the Report of the Acting Collector of Cuddapah on the —

No. 337

Chief Engineer for Irrigation.

A.L. Sheet 38 Tul
Cir: 18-7-76. Rlse 20-7-76

E. I. Form No. 22.

5

No. 1840 Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the 20 July 76.

READ the following:—

Note by the Chief Engineer for Irrigation No. 94 W. dated 14th July 1876.

Recorded with reference to G.O. No. 1300 of the 24th May 1876.

Sy. 15/7

To Collector of Cuddapah
" A.C. = do.
" Chief Engr. for Irrign.
" Revenue Depts.

Dated 2/8/76

5-230 Cuddapah

Govt. of 1876 Madras.

PUBLIC WORKS.

To

The Collector of Cuddapah

Dated

Issued

Recd. Encl.

G. O., 20th July 1876, No. 1840

Nos. 327-338

Cheyair Channels

Cuddapah Dist.— Note by the Chief Engr. for Govt. submitting with remarks the report of the Asst. Collector on the —— Channels