

Public Works (1896) Department.

G.O. No. 1629

DATED 13/2/96

[Despatch Abstract.]

Periyar Project — Not by
the Chief Engr for Irrigation regarding
the deputation of an officer for measuring
land under the under cultivation.

Recorded

IRRIGATION.

Govt. of {1896} Madras.
PUBLIC WORKS.

Dated February, 13th.

Recd.

Encl.

G.O. No. 162 I., 13th Feb. 1896.

FEBRUARY.

Periyar Project

Note by the Chief Engineer for Irrigation suggesting that a special officer of the Revenue Department be deputed to make arrangements for bringing land under the — under cultivation with the least possible delay, recorded as action is being taken in the Revenue Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

2 No. 162 I., 13TH FEBRUARY 1896.

No. 17 I.

Note by the Chief Engineer for Irrigation.

In the tables quoted above, it is estimated that the ultimate irrigable area under the Periyár project will not be brought under cultivation until the 9th year after completion, i.e., until 1905-06, owing to the delay in getting land taken up and prepared for irrigation. The result is that interest charges will accumulate and the project will not pay its way until 1915.

2. It is suggested, therefore, that a special officer of the Revenue Department should be deputed to make arrangements for bringing land under cultivation with the least possible delay and that that officer should be authorized to make advances to the ryots under the Land Improvement Loans Act, XIX of 1883, to enable them to prepare their land for cultivation and excavate the necessary field channels.

3. If the time taken to bring the full area (114,518 acres) under cultivation can be reduced to 5 years, the financial results of the project will be much improved as shown in tables III and IV which accompany this note and the project will pay its way in 1908 or 7 years earlier and Government will receive additional revenue to the extent of Rs. 8,65,173.

28th Jan. 1896. (Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
Chief Engineer for Irrigation.

ORDER—No. 162 I., dated 13th February 1896.

Recorded, as action is being taken in the Revenue Department in this matter.

(True Extract.)

Under Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintendent of Works, No. I Periyár.
" Superintending Engineer, VI Circle.
" Revenue Department.

Exd. J. P. Oliver.
Spare Copies

Under date the

Read the following

Tables NOS 3&4 printed at pages 38&39 of G.O. NO:97-Idated 3rd Feb: 94

Note by the Chief Engineer for Irrign (H.E. No 17 I-dated 28th Jan: 1896)

In the Tables quoted above it is estimated that the ultimate irrigable area under the Peryar Project will not be brought under cultivation until the 9th year after completion, (i e) until 1905-6 owing to the delay in getting land taken up and prepared for irrigation. The result is that interest charges will accumulate and the project will not pay its way until 1915.

2 It is suggested therefore that a special officer of the Revenue Departt: should be deputed to make arrangements for bringing land under cultivation with the least possible delay and that that officer should be authorized to make advances to the ryots under the Land Improvement Loans Act XIX of 1883 to enable them to prepare their land for cultivation and excavate the necessary field channels.

3 If the time taken to bring the full area (114,518 acres) under cultivation can be reduced to 5 years the financial results

Have already noted in this question on a paper which came a few days ago in the R.D. I have discussed it with my hon. colleague & the Rev. Secy, with the result that enquiries are already being made as to the advisability of taking some such steps as are recommended

4/2/96

Yes - Mr W. W. W. is going to the rpts at once to make inquiries

25 4/2/96

P. W. CURRENT No. 945

results of the project will be much improved as shown in tables 111 and 1V which accompany this note and the project will pay its way in 1908 or 7 years earlier ^{and} while Government will receive additional revenue to the extent of Rs 8,65,173.

Transferred to the Revenue Department.

W. 27/11
Ruedra 28/1

To 97943-2-94
" 8822-29-8-95

W. 2 Feb

No 162 of 13 Feb 1896

W. 7 Feb
Recorded, as action is being taken in the Revenue Department in this matter.

To
The Chief Engineer
" " Supt of Works No 1 Periyar
" " Supg Engr in Circle
" " Revenue Department

Major Productive Works - Periyar Project - Madura Division
Table III Summary of growth of irrigation & revenue receipts and Charges

Years	Area irrigated at the end of each year.		Estimate of revenue receipts & charges.					Working expenses due to both		Excluding indirect revenue
	First crop	Second crop	Direct	Indirect	Total	Direct and indirect	Indirect	Net revenue		
1.	2. acres	3. acres	4. Rs	5. Rs	6. Rs	7. Rs	8. Rs	9. Rs		
1896-97	11,468	7,794	"	72,179	72,179	61,498	10,681			
1897-98	34,368	23,376	"	2,16,295	2,16,295	1,02,704	1,13,591			
1898-99	57,268	38,958	"	3,60,410	3,60,410	1,43,709	2,16,501			
1899-1900	80,168	54,540	"	5,04,526	5,04,526	1,51,115	3,53,411			
1900-901	114,518	77,913	"	7,20,700	7,20,700	1,61,924	5,58,776			

As all water rates are collected in the Revenue Dept., they are shown under indirect revenue, if they are excluded, there is no net revenue.

As all water rates are collected in the Revenue Dept., they are shown under indirect revenue, if they are excluded, there is no net revenue.

The figures in column 7 include the annual payments of Rs 40,000 to the Travancore Government and the collection charges in the civil department at 5 per cent on revenue. The working expenses are estimated at 12 annas per acre of the ultimate area to be irrigated for first crop.

(a) 6.38 per cent on the total amount of estimate including indirect charges in lieu of 8.92 per cent previously anticipated.

Madura 28 January 89
Chief Engineer for Design

Major Productive Works - Periyar Project - Madras St.

Table IV - Estimate of net financial results - 20

Years	Direct Capital outlay during the year	Direct Capital outlay to the end of the year	Simple interest at 4 per cent on outlay to end of year plus half outlay of the year	Net Revenue including interest less net revenue interest	Simple Net Revenue less net revenue interest
1	2	3	4	5	6
Actuals to end of 1894-95		7356,036	9,73,279		9,73,279
Probable during 1895-96	6,68,600	80,24,636	30,7,613		30,7,613
1896-97	1,63,100	81,87,736	32,4,247	10,681	31,35,66
1897-98	2,83,264	84,71,000	33,33,18	11,35,91	21,9,727
1898-99	"	84,71,000	33,88,40	21,65,01	12,23,39
1899-1900	"	84,71,000	33,88,40	35,34,11	14,571
1900-01	"	84,71,000	33,88,40	55,87,76	2,19,936
1901-02	"	84,71,000	33,88,40	55,87,76	2,19,936
1902-03	"	84,71,000	33,88,40	55,87,76	2,19,936
1903-04	"	84,71,000	33,88,40	55,87,76	2,19,936
1904-05	"	84,71,000	33,88,40	55,87,76	2,19,936
1905-06	"	84,71,000	33,88,40	55,87,76	2,19,936
1906-07	"	84,71,000	33,88,40	55,87,76	2,19,936
1907-08	"	84,71,000	33,88,40	55,87,76	2,19,936
1908-09	"	84,71,000	33,88,40	55,87,76	2,19,936
Total		84,71,000	5,66,569	5,72,316	19,36,524
Deduct					19,93,995
Net Surplus Revenue in 1908-09					57,471

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Madras
28 January 1896

Andra. Wickham
Chief Engineer for Suez

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