

(1) Number of pages 4
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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	41.	Press.
B.P. No.		Mis.
Dated	5-1-1877.	197.

Not to be folded or roughly handled

Archives I—5,806—24-2-78.

82

No. 282. Read the following endorsement dated Fort St. George, 7th.

From Captain R. R. E. BROCKMAN, R.
Colonel J. MULLINS, R.E.,
Vennar Head, 11th October 1876.

In reference to your memorandum, I honor to forward herewith the return of the half-year ending 30th June 1876.

2. The entries in column 12 "capacity" in column 5 "area in catchment basin" and in column 12 "area of tank" again return last submitted. The Range Officer reports that the figures in the former statement are errors in copying.

3. Since the submission of the last return, improvement of the tanks, the earthworks having since been undertaken; but special attention will be given to the subject for the future, and a few tanks will be taken up and with the necessary works, &c.

of the Chief Engineer for Irrigation, dated 1876, No. 286 W:—

Chief Engineer, Tanjore, to Lieutenant-Engineer for Irrigation, dated Camp at 1,951.

On 20th July 1876, I have the honor to inform the district affecting the railway for

ten full" against tanks Nos. 8 and 14, miles" against tanks Nos. 27 and 29, No. 35, differ from the entries in the return called upon to explain the difference submitted by him are wrong owing to

but little has been done towards the improvement of tanks Nos. 9, 27, 31, 32 and 34. Attention will be given to the subject for the future and thoroughly repaired and provided

TANJORE DISTRICT.

Return of Tanks affecting Lines of Railway for the half-year ending 30th June 1876.

Proceedings of the Madras Government, Public Works Department,
12th December 1876. No. 3,380.

District.	Line of Railway.	Point at which survey was made.	Names of Tanks.	Area of Catchment Basin, Square Miles.	Estimated Maximum Flood Discharge, Cubic Feet a Second.	Intended Maximum Depth of Water on Crest of Surplus Weir.	Length of Surplus Weir required.	LENGTH OF EXISTING CULINGS, LAIRS AND SURPLUSES WEIRS.		Additional length of Surplus Weir required.	HEIGHT OF TOP OF DAM ABOVE WEIR CREST.		APPROXIMATE OR ACTUAL.		Special Remarks.	General Remarks.
								Total.	Effective.		Top of Dam.	Weir Crest.	Area of Tank.	Capacity when full.		
33	9	Therapatti yari (1)	..	1	450	2	47	..	..	47	..	..	60-35	13,146,480	5	In column 5 the areas in small type are the approximate areas of catchment basin due to the tank itself; those in large type the accumulated areas of the catchment basins of the chain that surplus into it. Figures in large type in column 12 denote approximate average depth of tank.
66	69	Perialkum yari of Chitragudy. (2)	..	1 1/2	689	2	62	..	..	62	..	..	74-89	13,015,824	4	Bank requires repair and one culingulah is wanted.
63	59	Alayakudy yari of Villavayampatty. (3)	..	1	283	2	30	..	..	30	..	..	32-52	6,706,360	4	Bank requires repair and one culingulah is wanted.
60	74	Perial yari of Poonganoor. (4)	..	1	283	2	30	30	24 1/2	61	4	1	113-22	29,692,486	6	Bank requires repair and one culingulah is wanted.
..	..	Serookolam of Poonganoor. (5)	..	1	178	2	19	..	..	19	..	..	39-59	8,608,616	5	The additional length can be obtained by removing the stones.

(Continued.)

Proceedings of the Madras Government,
12th December 1876.

South Indian Railway																	
..	..	Vellamathur vari of Moolakoveramundipatty. (6)	1 1/2	369	2	2	29	30	28	13	2	(-)-1	50-55	32,792,320	3	Bank requires repair and one culingulah is wanted.	Remove the stones. Receives surplus of 7.
..	..	Sallyary vari of Kanaganipatty. (7)	1	178	2	2	10	..	..	19	..	..	63-62	11,036,920	4	Bank requires raising.	
..	..	Moolakudi vari of Veeravandampatty. (8)	1 1/2	689	2	2	22	..	..	62	..	..	9-12	1,192,455	3	Bank requires repair and a sluice and culingulah are wanted.	Receives the surplus of 9 and 10.
60	74	Vedakudi vari of Avurampatty. (9)	1	480	2	2	47	24	20 1/2	23	4	1 1/2	40-72	7,681,673	3 1/2	Estimate Rupees 405 Five-culingulahs work done.	Receives the surplus of 10.
..	..	Muthalakududy vari of Avurampatty. (10)	1	234	2	2	20	24	19 1/2	6	3	1	43-57	7,592,568	4		Remove the stones.
..	..	Muthur vari and Peraldoor of Veeravandampatty. (11)	1 1/2	689	2	2	62	24	20 1/2	23	1	(-)-2	23-5	37,647,760	8	The bank requires repair and another sluice is wanted.	

Public Works Department,
No. 3,380.

..	Appayagody yari of Kannalanamuruga- tam. (12)	1	283	2	30	..	..	30	..	7-8	1,019,304	3'	Do.	do.		
..	Kannathu yari of do. (14)	1 (2)	721	2	53	..	..	63	..	48-42	10,146,965	5'	Do.	do.	..	Receives the surplus of 15, 13 16 and 18
..	Sindhu yari of Kungion- putty. (14)	1 (1)	450	2	47	..	..	47	..	52-52	9,221,562	4'	Two sluices and a culingulah are required, and the banks require repair.	Do.	of 18.	
..	Thondichalappu yari of Vendumpatty. (15)	1	283	2	20	..	..	20	..	25	3,267,000	3'	Repairs to bank necessary. (One sluice and a culingulah required.)	Do.	of 17.	
..	Kannathu yari of Vendi- umpatty. (17)	1	178	2	19	..	..	19	..	4	435,600	2'	Do.	do.		

Return of Tanks affecting Lines of Railway for the half-year ending 30th June 1876—(Continued).

Proceedings of the Madras Government, Public Works Department,
12th December 1876. No. 3,380.

District.	Name of Tank.	Area of Cultivated Paddy, Square Miles.	Estimated Maximum Flood Discharge, Cubic Feet a Second.	Inundated Maximum Depth of Water.	Length of Surplus Weir required.	Length of Existing Surplus Weirs.		Additional length of Surplus Weir required.	Weir (feet).	Top of Dam above Weir.	APPROXIMATE OR ACTUAL.		Special Remarks.	General Remarks.
						Total.	Effective.				Area of Tank.	Capacity when full.		
	Valampatty vari. (16)	1	178	2	19	...	...	19	...	...	4	2 1/2	Do. to be kept in repair, sluice and a culingulah required.	Receives the surplus of 20, 21 and 22.
	Yala vari of Manney-jetty. (19)	1	828	2 3/4	73	...	...	73	...	...	79-83	40,303,000	Do.	Do. of 21, 22 and 23.
	Kurambas vari (20)	1	721	2	73	24	20 1/2	51	3	1 1/2	60-11	11,620,000	The banks and masonry works require repair.	Do. of 21, 22 and 23.
	Pullan vari (21)	...	...	...	...	...	...	...	...	...	10	1,553,300	A culingulah, and repairs to the bank required.	Do. of 22, 23.
	Nanichi vari (22)	1	582	...	...	81	68	...	...	...	410	80,218,800	Bank repairs required.	Do. of 23.
	Palagoodi vari (23)	1	178	2	19	...	...	19	...	...	112	14,576,160	A culingulah 500 feet and slight repairs to bank.	...
	Vellambencodi vari (24)	1	243	2 3/4	23	25	13 1/2	...	1	(-)-2	9-31	1,382,800	Repairs to the bank required.	Remove the stones.
	Sengoon vari (25)	1	622	2	54	...	...	54	...	...	52-4	10,257,000	No culingulah, but an estimate for one has been submitted. The tanks are in good order.	...
	Mulla vari (26)	1	173	2	19	...	...	19	...	...	20-00	2,613,600	No culingulah, the tank is low throughout, and requires immediate repair.	...

Proceedings of the Madras Government, Public Works Department,
12th December 1876 No. 3,380.

District.	Name of Tank.	Area of Cultivated Paddy, Square Miles.	Estimated Maximum Flood Discharge, Cubic Feet a Second.	Inundated Maximum Depth of Water.	Length of Surplus Weir required.	Length of Existing Surplus Weirs.		Additional length of Surplus Weir required.	Weir (feet).	Top of Dam above Weir.	APPROXIMATE OR ACTUAL.		Special Remarks.	General Remarks.
						Total.	Effective.				Area of Tank.	Capacity when full.		
	Isarumpatty vari of Kothaveera Candi-enpatty. (27)	1	450	2	47	...	...	47	...	...	120-32	17,531,800	Estimate Rupees 410; work completed and a culingulah is wanted.	...
	Marothan vari of Koonumpatty. (28)	1	589	2	62	...	...	62	...	...	52-80	6,901,200	Bank requires repair and a culingulah is wanted.	29 Receives surplus of 28 and 30.
	Palachalanam vari of Maracavipatty. (29)	1	938	3	54	...	...	54	...	...	39-06	5,184,000	Do.	28 and 30 each may be taken to receive half the surplus of 28, 29 and 31.
	Salary vari of Cavic-patty. (30)	1	530	2	66	...	...	66	...	...	52-8	8,918,832	A culingulah and a sluice are wanted, and the banks require repair.	Receives the surplus of 28 and 32.
	Arumoonan vari (31)	1	559	2	62	20	20 1/2	32	2	4	9-64	1,260,800	Bank requires repairs. Estimate Rupees 150 in progress.	Receives the surplus of 32.
	Allaly tank. (32)	1	389	2	62	...	...	62	...	...	10-18	1,016,440	Estimate Rupees 190 in progress.	Receives the surplus of 32.
	Soongodi vari (33)	1	340	2	38	24	23 1/2	13 1/2	2 1/2	2	15-16	5 1/2	The tank repaired last year. Remove the stones and erect a second culingulah.	...
	Kunabipooty vari (36)	1	178	2	19	...	...	19	...	...	25-92	4,690,674	Bank requires repair; one sluice and one culingulah are required.	...
	Thondaman vari of Sorakodipatty. (36)	1	173	2	19	...	...	19	...	...	48-02	6,275,907	Do.	...
	Vendicumpatty vari (37)	1	1,566	2 6"	118	30	24 1/2	88	1	4	150	20,322,000	Bank requires repairs.	Receives the surplus of 40, 41, 42, 30, 45, 44 and 45.
	Veerathi vari (38)	1	178	2	16	...	...	...	...	...	85	11,107,800	Bank requires necessary and a culingulah is required.	...
	Perrangur vari (39)	1	589	2	62	...	...	62	...	...	50	8,801,000	Do.	Receives surplus from 45 and 44.
	Nagreen vari (40)	1	580	2	62	24 1/2	21 1/2	37 1/2	1	(-)-2	174	45,476,640	Banks require repair.	Do. from 41 and 42.

Return of Tanks affecting Lines of Railway for the half-year ending 30th June 1875—(Continued).

District.	Line of Railway.	Point at which surplus crosses.	Names of Tanks.	Area of Catchment Basin, Square Miles.	Estimated Maximum Flood Discharge, Cubic Feet a Second.	Intended Maximum Depth of Water on Crest of Surplus Weir.	Length of Surplus Weir required.	Length of Existing Calingulah and Surplus Weirs.		Additional length of Surplus Weir required.	Height of Top of Bund Above Weir Crest.		Area of Tank.		Special Remarks.	General Remarks.
								Total.	Effective.		Weir Crest.	Top of Bund.	Area of Tank.	Capacity when full.		
Tanjore—(Continued).	South Indian Railway—(Continued).	M. Chs.	Maravathi vari	11	369	2	39	..	..	39	..	..	63	41' 12 349,260	Not repaired for fifteen years	42.
		..	Vaimochoo vari (42)	1	176	2	19	..	..	..	..	..	135	6' 35,233,600	Do.	..
		..	Davarayn vari (43)	11	..	..	..	43	41	..	4	11	600	9' 23,522,400	Belongs to the Trichinopoly District.	..
		..	Navalure vari (44)	1	283	2	30	26	20	4	(-)	11	119 93	6' 31,346,920	Banks must be repaired, as at present the surplus passes over them.	..
		..	Pudludi vari (45)	1	721	2	75	..	..	75	..	..	61 93	41' 12,150,000	A calingulah is necessary and the bank requires repairs.	Receives the surplus of 44 and 45.
		63 9	Poria vari of Thouda-nampatty (46)	11 (2)	721	2	75	..	..	75	..	..	847 94	71' 113,094,838	Do.	..

VENKAR HEAD,
11th October 1876.

(Signed) R. R. E. BROCKMAN, Captain, R.E.,
District Engineer of Tanjore.

Proceedings of the Madras Govern
12th December 18

SUBMITTED for the information of Gov
Of these forty require additional length of s
of repair is in progress or estimated for, but
supplying the surplus works.

(Signed

No. 283.

ORDER THEREON, 12

IRRIGATION, No. 27.

rendering these tanks safe as soon as prac

(True E

To the District Engineer, Tanjore.
" Chief Engineer for Irrigation.
" Revenue Department.
" Consulting Engineer for Railways.

Exd. E. C. Shunker.

10. Spare Copies

t, Public Works Department,
No. 3,380.

nt. Forty-six tanks are reported on.
s weir. In the case of seven the work
ttle is apparently being done towards

A. DEC. SCOTT, Major, R.E.,
Dy. Chief Engineer for Irrigation,
for Chief Engineer for Irrigation.

umber 1876, No. 3,380.

RECORDED.

The District Engineer, Tanjore,
direct his attention to the work of

Major-General, R.E.,
Secretary to Government.

Revenue Dep

No 6/89.

1-30

Comm. to
Board of Revenue