Public Works (1897) Department.

G.O., No. 176 I

DATED 20 February 1897

22/2/97

[Despatch Abstract.]

Tanks under the Periyar Channels. Approving the proposals of the Chief Engineer for Irrigation with regard to the retention of certain — in Melur taluk.

110/6

rc 20/2/97

[P.W. 36.]

Indexed. 20/2/97

BACK PAPERS.

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FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

IRRIGATION.

Government {1897} of Madras.

PUBLIC WORKS.

Recd. } 1897. *Enclosures*

Regd. } *Spare copies*

G.O., No. 176 I., 20th February 1897.

FEBRUARY.

Tanks under the Periyar Channels

Approving the proposals of the Chief Engineer for Irrigation with regard to the retention of certain — in Mélúr taluk.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.

Read—the following papers :—

From T. W. S. SMYTH, Esq., Executive Engineer, Special Periyár Works, to the Superintending Engineer, VI Circle, dated Trichinopoly, 4th December 1896, No. 60 S.E.

In returning the list of tanks to be retained in Mélúr taluk with the ayacut map, I have the honour to state that the instructions of the Chief Engineer for Irrigation have been attended to.

The Panangady tank is the same at Pulliangudi, and the latter is the correct name.
Arangudi tank of Melanpatti will now be recognisable.
All the channels have been marked as directed.

The statement made regarding Kottagudi Periya tank was evidently misleading. The surplus canal water will flow to this tank down the 6th distributary of the 12th branch channel and not from Pulipatti Endal weir. The probable cost of improving the Kottagudi tank is roughly estimated at Rs. 25,000. Detail estimates with financial result anticipated will accompany the estimate for the 6th distributary referred to above.

Enclosure.

List of tanks to be maintained in Mélúr Taluk.

No.	Name of village.	Name of tank.	Water spread.		Ayacut.		Remarks.
			AC.	CT.	AC.	CT.	
72	Narasingampatti	Vellari Kommoyi	118	87	262	25	Under 10th branch channel.
73	Marudur	Periya Kommoyi	151	38	362	78	Do. do.
75	Mukkampatti	Mukkan Endal	40	46	79	16	Chunnambur channel passes through.
74	Thekutheru	Kuttampuli Kommoyi ..	56	27	161	30	10th branch channel.
77	Vellalapatti	Pandiyampuli Kommoyi ..	37	10	29	98	To be made one with Pandinettamgudi tank.
..	....	Solakudi Kommoyi	13	91	36		
76	Tiruvadur	Peria Kommoyi	155		457	68	To be made one
..	Do.	Nallampillaipettan Kommoyi.	45	6	79	71	
..	Do.	Veppakudi Kommoyi ..	78	48	188	88	
..	Do.	Vukudi Kommoyi	61	95	133	25	
..	Do.	Maryappan Kommoyi ..	27	65	13	85	Tail tank of Tiruvadur off-take.
90	Pinjutti	Pinjuttikulam	113		284	7	Tail tank of Chunnambur off-take.
91	Kiranúr	Tutturi Kommoyi	166		209	27	Do. do.
..	....	Kiranúr Kommoyi	118		187		Do. do.
92	Thuvarangulam	Thuvarangulam Kommoyi ..	58		146		Do. do.
79	Pandinettangudi	Pandinettangudi Kommoyi ..	110	51	179	38	Do. do.
..	Do.	Aduvandi Kommoyi or Alagiapandiapuram.	97	72	(12 252	70) 79	11th branch tail tank.

List of tanks to be maintained in Mélúr Taluk—*cont.*

No.	Name of village.	Name of tank.	Water spread.		Ayacut.		Remarks.
			AC.	CT.	AC.	CT.	
..	Mélúr	Menrengi Kommoyi.. ..	91	39	229	83	11th branch tail tank.
..	Do.	Periyamelam Kommoyi ..	116	6	163		Do. do.
67	Kallampatti	Sengulam or Sengundukulam.	40	24	193	81	Do. do.
44	Vallalapatti	Periapiramangudi Endal ..	50	62	194	45	
..	Mélúr	Puliangudikulam	83	11	118	84	12th branch channel.
64	Sennagarampatti	Sukkonmoyikulam	58	83	156	62	Do. do.
..	....	Tekkanaikulam	127	70	116	23	Do. do.
63	Tumbapatti	Uppilagudi	71		212		Do. do.
59	Kelayur	Kulamangalam Kommoyi ..	51	50	84	9	Do. do.
56	Malampatti	Siruvanai Kommoyi ..	137	45	200	76	Do. do.
..	....	Sattani Endal	38	60	54	33	Do. do.
..	....	Silandaikudi Kommoyi ..	29	70	102	41	
..	....	Arangudi Endal	21		52		
62	Navimpatti	Kalaman Kommoyi	62	15	80	76	To be made one.
82	Vannanparupatti	Sattamangalam Kommoyi ..	95	77	150	96	
83	Vellalur	Perungaraiyan Kommoyi ..	65		143		
..	....	Siruman Kommoyi	103		183		
85	Kurichipatty	Kurichikulam	69		142		Tail end of 12th branch channel.
..	....	Alamba Kommoyi	19		..		
86	Ambalakaranpatti ..	Vella Kommoyi	53		92		9 distributary, 12th branch channel.
81	Kottagudi	Periya Kommoyi	114	41	165	18	To be enlarged and made one.
..	....	Manamakki Kommoyi ..	45	69	31	23	
87	Ponangudi	Ponangudi Kommoyi ..	112	22	221	84	Tail tank.
..	Do.	Pambukaran Kommoyi ..	58	96	213	95	Do.
..	Do.	Pojan Kommoyi	30	10	90	66	Do.
101	Melakkulam	Melanaikulam	27	99	106	42	To be made one.
..	....	Kilanaikulam	33	5	85	84	
..	....	Kanjirankottai Kommoyi ..	63	39	120	70	
..	....	Pallakurichi Kommoyi ..	42	69	145	64	10th branch channel to be made one with Mariappankulam of Thiruvadoor main canal.
68	Arittapatti	Periakulam	21	98	85	53	Tail tank supplied from sluice at 32/7 of main canal.
		Total number ..	..		..		47.
		To be reduced by amalgamation to.	..		..		41.

No. 1542 M.D.

Copy, with copy of list of tanks, as also the ayacut map of the Mélúr taluk (in three sheets of tracings) is submitted to the Chief Engineer for Irrigation, with reference to his memorandum No. VI/43 P.R., dated 5th November 1896.

Trichinopoly,
9th December 1896.

(Signed) O. V. BODDY, Lieut.-Col., R.E.,
Suptg. Engr., VI Circle.

No. 39 I.

Note by the Chief Engineer for Irrigation.

Orders were passed in G.O., No. 710 I., dated 19th August 1896, on the retention of some and the abandonment of other tanks under the Periyár channels in Madura taluk. A list is now submitted of the tanks which it is proposed to retain in the Mélúr taluk. No list has been prepared of the tanks which it is proposed to abandon, as these tanks are very numerous and nearly all of them very small and it is difficult to get full and correct information about them.

2. It will be seen from the map that the area taken as commanded by the channels is bounded on the north by the main canal and an irregular line running from its extremity nearly due east to the Manimuttanadi which drains the eastern slopes of the Sirumalais, on the south and east of the country delineated on the map lies the Sivaganga zemindari.

3. The list gives 47 tanks to be retained. The Executive Engineer proposes to reduce these to 41 by amalgamation, but it is presumed this will not be done without expense. The area of the 47 tanks is 3,284 acres and the wet cultivation under them 7,053 acres. The question of adding two or more tanks to the list in the event of the Executive Engineer's proposal for enlarging Kottagudi Periya Kummoyi not being approved will be dealt with on receipt of his estimate. The total area of tank beds in Mélúr taluk is given in the papers printed with G.O., No. 153 R., dated 15th February 1892, as 11,749 acres. There will therefore be available for cultivation about $\frac{3}{5} \times 8,465 = 5,079$ acres. It would not however be advisable to abandon the tanks indiscriminately without detailed information regarding them, and it is recommended that the lands should not be assigned for cultivation without lists of them whether according to villages or groups being first approved both by the Collector and the Superintending Engineer.

4. The orders of Government are required in regard to the incidence of cost of repairing the tanks. The repairs of the large tanks in the Madura and Tirumangalam minor basins (exclusive of some anicuts and channels) come to about Rs. 6 per acre irrigated. The Periyár tanks are smaller and have been more neglected and are likely to cost more inproportion. Allowing Rs. 9 per acre now irrigated, the cost of thorough repair and re-construction of defective masonry works would probably come to Rupees 2,00,000 which might be spread over several years. Reasons for and against charging the repairs to the project are stated in the correspondence printed with G.O., No. 710 I., dated 19th August 1896. It would be in accordance with the usual practice to charge the repairs to the project. In fact the grants for minor works are so reduced that assistance cannot very well be given from Provincial funds and there seems to be no choice but to charge the work to the project, Capital or Revenue according to the rules applicable in each case. The old maintenance charges (which still have to be ascertained) should be credited to the project.

Aska,
18th January 1897.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

Order—No. 176 I., dated 20th February 1897.

The proposals of the Chief Engineer for Irrigation are approved.

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
„ Superintending Engineer, VI Circle.
„ Examiner, Public Works Accounts.
„ Revenue Department.

Exd. P. Seetharam.

His Excellency the Governor.

PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

A

No. 176 I of 20.2.97

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Irrigation

UNDER date the

8P

READ the following

Print with Engrs' letter No 605 d 4-12-96 [illegible]

From the Supdg. Engineer, Sixth Circle (H.E. No. 1542-M.D. dated 9 Decr 1896).

Print ~~Note~~ by the Chief Engineer for Irrigation (H.E. No. 39-I. dated 18 Jany 1897).

The proposals of the Chief Engineer for Irrigation are approved.

A.S.H.
17.2.97

12/2/97

W.H.
15.2.97

Issue.

W.H.
18.2.97

D.S.
18.2.97

To The Chief Engineer for Irrigation. ✓
„ Supdg. Engineer, Sixth Circle. ✓
„ Examiner, P.W. Accounts. ✓
„ Revenue Dept. ✓

Despd. 8/3

E I. Form No 1—1,000—27-11-96.

Public Works (1897) Department

6 P No. 39. I. Current No: 1815.

Note by the Chief Engineer for Irrigation

Recd: 19.2.97

Enclos: 8+

(+3 Plans)

Orders were passed in G.O. No 710. I dated 19th August 1896 on the retention of some and the abandonment of other tanks under the Periyar Channels in Madura taluq. A list is now submitted of the tanks which it is proposed to retain in the Melur taluq. No list has been prepared of the tanks which it is proposed to abandon as these tanks are very numerous and nearly all of them very small and it is difficult to get full and correct information about them.

2. It will be seen from the map that the area taken as commanded by the channels is bounded on the North by the Main Canal and an irregular line running from its extremity nearly due east to the Manimuttanadi which

drains the eastern slopes of the Sirumalais. On the South and east of the country delineated on the map lies the Sivaganga Zemindari.

3. The list gives 47 tanks to be retained. The Executive Engineer proposes to reduce these to 41 by amalgamation but it is presumed this will not be done without expense. The area of the 47 tanks is 3284 acres and the wet cultivation under them 7053 acres. The question of adding two or more tanks to the list in the event of the Executive Engineer's proposal for enlarging Kottagudi Periya Kanmoy not being approved will be dealt with on receipt of his estimate. The total area of tank-beds in Melur Taluq is given in the papers printed with G. O. No 153 R dated 15th February 1892 as 11749 acres. There will therefore be available for cultivation about $\frac{3}{5}$ × 8465 = 5079 acres. It would not however be advisable to abandon the tanks indiscriminately without detailed information regarding them and it is recommended that the lands should not be assigned for cultivation without lists of them whether according to villages or groups being first approved both by the Collector and the Superintending Engineer.

4. The orders of Government are required in regard to the incidence of cost of repairing the tanks. The repairs of the large tanks in the Madura and Tirumangalam Minor Basins (exclusive of some anicuts and channels come to about Rs 6-per acre irrigated. The Periyar tanks are smaller and have been more neglected and are likely to cost more in proportion. Allowing Rs 9 per acre now irrigated, the cost of thorough repair and reconstruction of defective masonry works would probably come to Rs 2,00,000 which might be spread over several years. Reasons for and against charging the repairs to the Project are stated in the correspondenc

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The old maintenance charges (which still have to be ascertained) should be credited to the Project.

W. Hughes

Chief Engineer for Irrigation

Camp Aska
18th January 1897

Public Works (1896) Department.

CURRENT No. 98 P.R

Order 17/1/

From

The Supt. Engineer
VI circle.

No. 1542 md.

Dated 9' December 1896.
Received 11—12—96
Enclosures 4.
Spare copies

SUBJECT.

Tanks to be reformed in the Melur Taluq, under the influence of the Periyar Project.

Resubmits the list & maps of the ——

B.R
11-12-96

PJ 12-12-96

BACK PAPERS.

G.O.	No.	Department.	Date.
I 43 PR	5/11/96.		

FURTHER PAPERS.

G.O.	No.	Department.	Date.

2

List of tanks to be maintained in Melur Taluq.

No.	Name of Village	Name of Tank	Water spread		Ayacut		Remarks.
			acre	cent	acre	cent.	
72	Narasingampatti	Vellari Kounmoyi	118	87	262	25	Under 10th Branch Chl.
73	Marudur	Periya Kounmoyi	151	38	362	78	Do.
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		Solakudi Kounmoyi	13	91	36	"	
76	Tiruvadur	Peria Kounmoyi	155	"	457	68	To be made one.
	"	Nallampillaipettan Kounmoyi	45	6	79	71	
	"	Veppakudi Kounmoyi	78	48	188	88	
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		Kiranur Kounmoyi	118	"	187	"	Do. Do.
92	Thuvarangulam	Tuvarangulam Kounmoyi	58	"	146	"	Do. Do.
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	"	Aduvandi Kounmoyi or Alagiapandiapuram	97	72	(12 252	70) 79	11 Branch Tail tank.
	Melur	Menrengi Kounmoyi	91	39	229	83	"
	"	Periyamelam Kounmoyi	116	6	163	"	"
67	Kallampatti	Sengulam or Sengandukulam	40	24	193	81	"
44	Vallalapatti	Periapiramangudi Endel	50	62	194	45	
	Melur	Puliangudikulam	83	11	118	84	12 Branch Channel.
64	Sennagarampatti	Sukkounmoyikulam	58	83	156	62	"
		Tekkanaikulam	127	70	116	23	"
			24[illegible]7	31	4288	83	

No.	Name of village	Name of tank	water spread acre	water spread cent	ayacut acre	ayacut cent	Remarks
			2077	31	4288	83	
63	Tumbapatti	Uppilagudi	71	"	212	"	12 Branch channel
59	Kelayur	Kulamangalam Kommoyi	51	50	84	9	"
56	Malampatti	Srinivanai Kommoyi	137	45	200	76	"
		Sattani Endal	38	60	54	33	"
		Silandaikudi Kommoyi	29	70	102	41	
		Arangudi Endal	21	"	52	"	
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82	Vannanparapatti	Sattamangalam Kommoyi	95	77	150	96	
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		Sinnan Kommoyi	103	"	183	"	
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		Alamba Kommoyi	19	-	-	-	
86	Ambalakaranpatti	Vella Kommoyi	53	"	92	"	9 Distributary Dl.
81	Kottagudi	Periya Kommoyi	114	41	165	18	To be enlarged and made one
		Nanamakki Kommoyi	45	69	31	23	
87	Panangadi	Panangudi Kommoyi	112	22	221	84	Tail tank.
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		Kanjirankottai Kommoyi	63	39	120	70	
		Pallakurichi Kommoyi	42	69	145	64	10 Branch Chl. to be made one with Mariappankulam of Thiruvadoor main canal.
			3261	98	6967	60	

No.	Name of village	Name of tank.	water spread acre	water spread cent	ayacut acre	ayacut cent	Remarks
			3261	98	6967	60	
68	Arittapatti	Periakulam	21	98	85	53	Tail tank supplied ~~by~~ from Sluice at 32/7 of Main Canal
			3283	96	7053	13	

Total number — 47

To be reduced by amalgamation to — 41.

(Signed) J. W. S. Smyth
Executive Engineer
special: Periyar works.

(True copy)

O. V. Boddy
Lieutt: Col. R.E.
9-12-96.
Superintending Engineer 6th Circle

CHIEF ENGINEER
FOR IRRIGATION.
11 DEC. 96
No. 98 P.R.

P.W. E.4
18/5/97

8.

Enclosures
3 Tracings
1 Tank list form.

Letter from T. W. S. Smyth Esqre, Executive Engineer, Special Periyar works, to the Superintending Engineer, 6th Circle, Trichinopoly, dated 4th December 1896, No. 60 S.E.:-

In returning the list of tanks to be retained in Melur Taluq with the ayacut map, I have the honor to state that the instructions of the Chief Engineer for Irrigation have been attended to.

The Panangady Tank is the same as Pulliangudi and the latter is the correct name.

Arangudi Tank of Melampatti will now be recognisable.

All the channels have been marked as directed.

The Statement made regarding Kottagudi Periya Tank was evidently misleading. The surplus canal water will flow to this tank down the ~~VIth~~ 6th distributary of the XIIth Branch

Branch Channel and not from Pulipatti Endal weir. The probable cost of improving the Kottagudi Tank is roughly estimated at Rs 25,000. Detail estimates with financial result anticipated will accompany the estimate for the VI Distributary referred to above.

No 1542 md,

CHIEF ENGINEER
FOR IRRIGATION.
11 DEC. 96
No. 98 P.R.

Copy, with copy of list of tanks, as also the ayacut map of the Melur Taluq (in three sheets of tracings) is submitted to the Chief Engineer for Irrigation, with reference to his memorandum No $\frac{VI}{43 PR}$ dated 5th November 1896.

Enclo: 4
3. Tracings
1 List.

J. V. S. Boddley Lieutt. Col. R.E.

Superintending Engineer
6th circle.

Trichinopoly,
9 December 1896

Pr. E.5
1815/97

o-10/-

9/12

5/P.

20 $\frac{VI}{43}$ P.R.

S. E. VI Circle No 1803 dd 9.12.96

The list of tanks in the Melur Taluq which it is proposed to retain and the maps are returned to the S.E. with reference to the following remarks.

2. It has taken a good deal of time to identify the tanks on the maps. They should have been distinguished in some way. In many cases the spelling in the list and on the map differ. The recognized official spelling should be given in both. The Melur Pulicaigudikulam has not been identified. Is it the same tank as the Vanagudi shown on the map? Arangudi of Melampatti village has not been identified.

3. The 11th & 12th Branch Channels should be shown in full red lines as far as finally located and in dotted lines where ~~not finally laid out~~ the position is only approximately known. Any important offtakes which have been laid out should also be shown

R 90 P/96

4 – The Ex. Engineer's proposal to conduct water from the Pulipatti canal weir to the Kattagudi Periya Tank is not understood as the drainage now seems to follow quite a different line. The proposal should be explained in detail and the probable cost of improving the Kattagudi Tank stated –

WH

3/11/96

5/11/96

Fair sent to D.E.I. on 5 Nov/96 & Received on the 10 evening at 5½

Pd. E.6 18/5/97

9