30TH MARCH 1883, No. 173, EDUCATIONAL.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

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* Dated 10th March 1883, No. 7.

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From Surgeon-Major D. R. THOMPSON, M.D.,C.I.E., Superintendent, Auxiliary Medical School, to the Director of Public Instruction, dated Madras, 10th March 1883, No. 7.

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Recd. Encl.

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No. 1040 W dt 5th April/83

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Communicated to the S. Engr. 5th Circle who will submit the required plans and Estimates

Sigd/ J. D.
U.S.

S. E. 5th Circle.

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vide C. No. 3097 frm S. E. V. 12/4/83

Despd 9/4

To

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Recd. 3/4/83

Encl.

G.O., 30th March 1883, No. 173.

No 1040 W d/5-4-83

MARCH.

Medical Education.

Communicating certain papers to the Public Works Department in view to the issue of orders for the preparation of a plan and estimate for the required additions to the Auxiliary Medical School at Ráyapuram; and stating that any increase required in the school establishment should be met by a corresponding diminution of charges in connection with the Medical College.

With order

Nilgiri Collector's Office,
Ootacamund,
23d March, 1883.

No. 21

From
F. J. Brandt Esq.
Collector of Nilgiris.
President of the Ootacamund Municipal Commission

To
The Secretary to Government,
Public Works Department,
Fort St. George.

Sir,

With reference to the G. O. No. 931 W. of 22d Instant, P. W. Department, I have the honor to submit that prior to receipt of that order I had ascertained (1) that the level of the Lake was not being lowered further: (2) that the completion of the regulating sluices in front of the waste weir was being proceeded with. And I had (3) desired the Executive Engineer to make immediate arrangements for paving all the exposed portions of the lake-bed with grass and Korali. This I did on receipt of your demi-official. I also consulted Dr. Nanney with regard to flushing the bazaar-drains.

This is being printed.
26/3

2. This morning, after receipt of the G. O. above quoted I gave orders for having the drains flushed on Monday the 26th instant, and I describe further on how what is carried down the drains is, as we propose, to be disposed of.

3. I would here respectfully venture to say that I do not think that the scavengering of the bazaar drains has been greatly neglected. Not long before I arrived there had been a fair amount of rain, and this effectually flushed the drains.

The really offensive solid matter which used to find its way
into the drains is now, to a very great extent, removed in carts
from the backyards in which it accumulates. I have personally
gone through most of the streets, back lanes, and alleys in the
bazaar and was surprised to find so little offensive to the
smell. In the drains there is hardly any offensive matter.
In justice to my predecessor and others concerned I think it
is overstating the case to say that the drains are and have been,
in a "most unsatisfactory" condition

4. I now proceed to state what it is proposed to do.
Before I was informed that this was the opinion of Mr.
Breeks and of Dr. Vanney it appeared to me that it would
be better to cut channels through which the liquids (and
solids if any) carried ^down^ the drains might pass from the drains.
into the running stream which flows from the east into the
water of the lake west of the willow Bund. This would
not only obviate the expense of removing the same from the
receptacles which you proposed to have made to intercept
the sewage, but would effectually dispose of the sewage, which
would pass into the deep water. It is admitted by those who
are most opposed to the present scheme that when the sewage
was formerly thus disposed of there was little or nothing to
complain of, and Dr. Vanney fully concurs with me in thinking
that this might safely be done. But until this suggestion
is approved I shall not carry it out.

5. There has not yet been made a single receptacle.
and if we are to wait until these be provided it will not be
possible at once to carry out the instructions now received. Further
it is impossible to provide carts, bullocks, and men to remove
the sewage from such receptacles, not as a matter of expense,
but they are simply not available and cannot be procured
without very considerable loss of time.

6. I therefore, acting with Dr. Vanney's full concurrence,
take on myself the responsibility of running the sewage on
to the foreshore of the lake, and, if it turns out to be necessary,
to cover the same with earth after burying it in trenches on
the spot, and using disinfectants.; But I am of opinion
that the sewage which will be deposited will be small
in quantity and not very offensive in quality.

7. A temporary or tentative receptacle was tried at the
end of one drain: the only result of water being let down
that drain was to silt up the receptacle with earth and
sand, it then overflowed, and the liquid, which Mr.
Atkinson informed me consisted of little more than water,
passed through or over the hole made the sides of which
were protected with slabs of stone.

8. Should the experiment which I propose to make
on Monday prove unsuccessful some other must be
tried. Meanwhile I shall be glad of your
opinion as to whether the proposal I have made
in para. 4 above is objectionable. For myself I
consider it preferable to that which I now propose
to make: and indeed to any other.

I

I have the honor to be,

Sir,

Your most obedient Servant,

F Brandt

Collector

President of the

Ootacamund Municipal

Commission

Copied by S. Ho

10-3-94

From P.W.C. No. 2534

The Collector of
Nilgiris
To
The Secretary to Govt
P.W.D.

No. 21

dated 23d
desp'd 23d March 1883
Recd. 26/3/83

Lake

Putting forth certain proposals for opinion for the lowering of the lake and for keeping the Bazaar Drainage to get cleared away by means of flushing to be carried out on Monday the 26th instant.

No. 42

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

No. 70.

READ—the following G.O., dated 9th February 1882, No. 215, Financial.

Read—letter from the Accountant-General, Madras, dated 7th February 1882, No. 518.

Order—dated 9th February 1882, No. 215, Financial.

The statement furnished by the Accountant-General shows that the new Provincial scheme, applied to the budget estimate figures of 1882-83, will result in a Provincial deficit of Rs. 1,25,394. Setting, however, against this the anticipated Provincial balance (Rs. 3,74,606) at the close of the current year, there remains in hand a sum of Rs. 2,49,212, of which two lakhs will be added to the Public Works grant and the balance held in reserve. It is probable that the financial position will be somewhat improved when the Government of India consider the budget, as any reductions in the estimates of charges will result in placing a corresponding sum to the credit of this Government.

(True Extract.)

(Signed) R. DAVIDSON,
Chief Secretary.

To the Public Works Department.

No. 70-A.

READ—the following Official Memorandum from C. G. MASTER, Esq., Acting Chief Secretary to Government, dated 3rd May 1882, Miscellaneous No. 427, Financial:—

With reference to office note, No. 11 E., dated 14th April 1882, the Chief Engineer, Public Works Department, is informed that the two lakhs additional Provincial grant may be assigned to works as may be desired.

No. 71.

ORDER—dated 10th May 1882, No. 1190 W., Public Works.

The Government having had under consideration the demands against the Provincial Reserve of 1882-83 on account of Major Works, resolve to make the following appropriations of funds:—

Budget Item.	Work.	Amount of Estimate.	Present Grant.	Additional Appropriation now made.	Total.
	Class A Works—Budget of 1882-83.	RS.	RS.	RS.	RS.
2	Taluk Cutcherry at Wálajápet, North Arcot District	29,800	18,200	1,800	
3	Cutcherry at Manjakuppam for Collector of South Arcot	19,770	15,000	5,000	
10	Improvements to the Collector's Cutcherry at Masulipatam, Kistna District	34,130	15,000	5,000	
13	Taluk Cutcherry at Dharmapuri, Salem District.	27,050	15,000	5,000	
15	First-class Taluk Cutcherry at Perambalúr, Trichinopoly District	27,000	15,000	5,000	
43	Preservation of Tirumal Naick's Palace, Madura District	1,62,955	15,000	10,000	
					31,800
	Class B Works—Budget of 1882-83.				
2	Taluk Cutcherry at Harpanahalli, Bellary District	26,715	...	20,000	
3	Taluk Cutcherry at Adoni, Bellary District ...	31,680	...	20,000	
9	Third-class Taluk Cutcherry at Pentapad, Godávari District	7,200	...	7,200	
10	Taluk Cutcherry at Potavaram, Godávari District	7,600	...	7,600	
21	Deputy Tahsildar's Cutcherry at Omalúr, Salem District	9,020	...	9,020	
35	District Munsif's Court at Bápatla, Kistna District	12,320	...	12,320	
39	Alterations and improvements to the Sub-Magistrate's Cutcherry at Allúr, Nellore District ...	6,870	...	6,600	
41	Sub-Magistrate's Cutcherry at Virudupati, Tinnevelly District	7,300	...	7,300	
54	Executive Engineer's Office at Waltair with accommodation for Overseers' Offices and Stores	7,635	...	7,635	
					97,675
	Sub-Magistrate's Cutcherry and Sub-Jail at Párvatipur, Vizagapatam District.*				

* Allotments will be made on receipt of reply from the Superintending Engineer to memorandum No. 49 E., dated 27th April 1882.

	RS.	RS.
Grant-in-aid of Ootacamund Improvement Scheme	75,000	
Do. of Wynaad Road, *i.e.*, from Ootacamund to Gúdalúr	40,000	
		1,15,000

2. The additional appropriations now made for items 2, 3, 10, 13, and 15 of the Provincial Budget, Class A Works, provide either for the completion of the works or admit of the total expenditure in the year, amounting to Rs. 20,000, which may be assumed to be the maximum outlay on works of this character. Superintending Engineers will be expected to see that proper arrangements are made for utilizing the funds.

3. The budget appropriation of Rs. 15,000 for item 43, Tirumal Naick's Palace, has now been increased by Rs. 10,000 to admit of certain additional work proposed by the Consulting Architect being proceeded with. Regarding this Mr. Chisholm will submit a special report accompanied by regular estimates.

4. The selection for assignments to Class *B* Works has been made generally in accordance with priority of sanction. It is considered desirable that these old standing demands should first be cleared off. At the same time there are a few demands of more recent date which press for acceptance. Among these may be indicated the requirements of the new Anantapur District on account of accommodation for establishments, proposals for which will be considered on submission in the regular way by the Superintending Engineer.

5. Substantial instalments of the grants-in-aid for the proposed Ootacamund Improvements and the Wynaad Roads are also provided for. The President of the Ootacamund Municipal Commission will be requested in the Financial Department to indicate the specific objects enumerated in G.O., No. 286 W., dated 1st February 1882, to which he would propose to devote the money. On these being considered and approved of further orders will issue as to the transfer of the sum of Rs. 75,000 now reserved.

6. As regards the grant for the road from Ootacamund to Gúdalúr, it is observed from letter No. 1 of 17th March 1882 from the President of the Nílgiri Local Fund Board that towards the improvement of the road in question the following Local Funds are available for the current official year:—

	RS.
Last year's balance	14,000
Current year's assignment	4,500
Total ...	18,500

If to this be added the proposed allotment of Rs. 40,000, there will be a round sum of Rs. 60,000, which, if judiciously expended, should result in a marked improvement of one of the great lines of communication needed for the development of the planting and mining interests of the Wynaad. Were the departmental establishments in full and efficient working order, it can scarcely be doubted that the grant of Rs. 40,000 now proposed to be given should be spent through its agency, and a strong effort to accomplish this should be made by the Superintending Engineer, who will submit a very early report on the subject. Meanwhile the amount will be reserved for the object specified.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
,, the Examiner of Public Works Accounts.
,, the Financial Department.
,, Contg Arct to Govt

Exd. A. F. Goodall.
Spare Copies

10 - 3 - 94

GENERAL.
ACCOUNT.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated May, 10th.

Recd. *Encl.*

G.O., 10th May 1882, No. 1190 W.

MAY.
Nos. 70-71.

Funds.

Distribution of the Provincial Reserve of 1882-83 on account of Major Works.

No. 42

E

Fourth **Circle,** **Division.**

Abstract of Progress Report for the Month of December 1883.

Funds, &c.	Grant for the year.	Expenditure during the year.	
IMPERIAL.			
MILITARY.			
Original Works	44,570 ✓	10,350	
Repairs	44800 ✓	39,678	
Total Military ..	89,370	50,028	
CIVIL BUILDINGS.			
Postal.			
Original Works	16,320 ✓	609	
Repairs	2,300 ✓	1,305	
Total ..	18,620	1,914	
Telegraph.			
Original Works	10,645 ✓	7,619	
Repairs	–	–	
Total ..	10,645 ✓	7,619	
~~Salt.~~ Customs			
Original Works	–	2	
Repairs	–	–	
Total ..	–	2	
Total Civil Buildings ..	29,265 ✓	9,535	
MISCELLANEOUS PUBLIC IMPROVEMENTS.			
Original Works	–	–	
Repairs	–	–	
Total Mis. Pub. Impts. ..	–	✓ –	
Total Imperial	1,18,635	59,563	
PROVINCIAL.			
CIVIL BUILDINGS.			
Original Works	387581 362015 119390	1,07420	
Repairs	20,890	12976	
Total ..	382905 408,971	1,20,396	
COMMUNICATIONS.			
Original Works	11 ✓	11	
Repairs	–	–	
Total ..	11 ✓	11	
Carried over ..	382916 408,982	1,20,407	

4th Circle, Division.

Abstract of Progress Report for the Month of December 1882.

Funds, &c.	Grant for the year.	Expenditure during the year.
Brought forward ..		
MISCELLANEOUS PUBLIC IMPROVEMENTS.	40000	
Original Works	52741	8094
Repairs	4075	5159
Total ..	~~56816~~ 40000	13253
Total Provincial ..	~~439732~~ 446982	133660
LOCAL.		
CIVIL BUILDINGS.		
Original Works	-	-
Repairs	-	-
Total ..	-	-
COMMUNICATIONS.		
Original Works	-	-
Repairs	-	-
Total ..	-	-
MISCELLANEOUS PUBLIC IMPROVEMENTS.		
Original Works	-	-
Repairs	-	-
Total ..	-	-
Total Local ..	-	-
Excluded Local ~~SPECIAL~~.		
CIVIL BUILDINGS.	10,000	
Original Works	11046	301
Repairs	-	-
Total ..	11046 10000	301
COMMUNICATIONS.		
Original Works	-	-
Repairs	-	-
Total ..	-	-
MISCELLANEOUS PUBLIC IMPROVEMENTS.	4900	
Original Works	6730 1,350	5291
Repairs	2171	1946
Total ..	8901 6250	7237
Total Excluded Local ~~Special~~ ..	~~19947~~ 16,250	7538
Total for Imperial, Provincial, Local, and Special ..	~~578314~~ 581,867	200761

REMARKS.

Explanation for short outlay -

Coimbatore Division - Of the total grant for the Division of Rs. 145,770 Rs. 63458 having been allotted later in the year (Octr & Novr) the Executive Engr. reports that it was not possible for him to spend more than Rs. 37,434 and that arrangements have been made to utilize the year's grant

Nilgiri Division - The cause of short outlay in this Division is as follows:-

1- The Estimate for Cooking Stoves, Wellington has only recently been sanctioned -

2- The Estimate for new Wash House is being revised under instructions from the Military Authorities

3- Arrangements have been made by the Private Secretary to spend the following sums:-

Rs. 23,389 for Decorating Govt. House, Ootacamund

Rs. 64,000 for furniture for — Do. — Do. —

4- The sum of Rs. 11,000 for Lower Norwood have only been allotted at the End of Decr/82 -

North Arcot Division - The Executive Engineer hopes that there will be a much better out-turn in January 1883 -

Salem Division - The Expenditure in this Division is fair and the Executive Engineer reports that the allotment of the year will be fully utilized -

Bangalore }
27th January /83 - }

Beatty - Colonel R.E.
Supg. Engineer, 4th Circle -

2372 C of 20. 12. 82

10-3-94

P.W.C. No. 893

REMARKS FOR GUIDANCE.

Form "E" is intended for submission by Superintending Engineers to the Chief Engineer, and is merely a general abstract for each division. It will be open to the Chief Engineer to call for, or to Superintending Engineers to submit, reports for individual works in form "B" or "C" where such a course may appear desirable.

It is to be understood that these returns are not accounts, and that although the figured entries should be as accurate as circumstances will allow, promptitude and regularity in their submission is of more importance than minute accuracy. No annas or pies should appear in them. Great care should be taken that the "name of the work" is in all cases absolutely the same designation as that under which it has been sanctioned.

Entd. in Receipt Regr.

BUILDINGS AND ROADS BRANCH.

Fourth CIRCLE.

__________ DIVISION.

Progress Report for the Month of

December, 1882.

No: 42.

Dated 27th January/83.
Received 1/2/83

Checked & corrected
[illegible] 2/2

Expenditure still seems short

[illegible] 3/2/83

No. 367 C of 6th February/83

The Chief Engr: remarks that expenditure in the Fourth Circle against existing allotments is still below the normal state. It is hoped that future returns will show an advance

Sd/ R.H.S

To S.E. IV Sergt W 6/2

E

Circle, Fourth **Division.**

Abstract of Progress Report for the Month of January 1883.

Funds, &c.	Grant for the year.	Expenditure during the year.	
IMPERIAL.			
MILITARY.			
Original Works	~~47630~~ 48570	12005	
Repairs	~~49810~~ 47288	43319	
Total Military ..	~~97440~~ 95858	55324	
CIVIL BUILDINGS.			
Postal.			
Original Works	16150	1170	
Repairs	2020	1365	
Total ..	18170	2535	
Telegraph.			
Original Works	10645	10458	
Repairs	–	–	
Total ..	10645	10458	
~~Salt.~~ Customs			
Original Works	–	6	
Repairs	–	–	
Total ..	–	6	
Total Civil Buildings ..	28815	12999	
MISCELLANEOUS PUBLIC IMPROVEMENTS.			
Original Works	–	–	
Repairs	–	–	
Total Mis. Pub. Impts. ..	–	–	
Total Imperial	~~126255~~ 1,24,673	68323	
PROVINCIAL.			
CIVIL BUILDINGS.			
Original Works	~~363788~~ 394204	137873	
Repairs	~~14390~~ 16257	13838	
Total ..	~~378178~~ 4,10,461	151711	
COMMUNICATIONS.			
Original Works	11	11	
Repairs	–	–	
Total ..	11	11	
Carried over ..	~~378189~~ 4,10,472	151722	

Circle, Fourth ~~Division~~.

Abstract of Progress Report for the Month of January 1883.

Funds, &c.	Grant for the year.	Expenditure during the year.	
Brought forward ..	~~378189~~ 410492	1,51,722	
Miscellaneous Public Improvements.			
Original Works	49,385 ✓	26662	
Repairs	4075 ✓	5,159	
Total ..	53,460	31,821	
Total Provincial ..	~~431649~~ 4,63,932	1,83,543	
LOCAL, Excluded -			
Civil Buildings.			
Original Works	10000 ~~11046~~	624	
Repairs	-	-	
Total ..	~~11046~~ 10000	624	
Communications.			
Original Works	-	-	
Repairs	-	-	
Total ..	-	-	
Miscellaneous Public Improvements.			
Original Works	4900 ~~5000~~	6,405	
Repairs	1350 ✓	2,041	
Total ..	~~6350~~ 6,250	8446	
Total Excluded ~~Total~~ Local ..	~~17396~~ 16,250	9,070	
SPECIAL.			
Civil Buildings.			
Original Works	-	-	
Repairs	-	-	
Total ..	-	-	
Communications.			
Original Works	-	-	
Repairs	-	-	
Total ..	-	-	
Miscellaneous Public Improvements.			
Original Works	-	-	
Repairs	-	-	
Total ..	-	-	
Total Special ..	-	-	
Total for Imperial, Provincial, Local, and Special ..	~~575300~~ 604855	260936	

REMARKS.

Explanation for short outlay. -

Coimbatore Division. The Executive Engineer reports that the allotment will be fully utilized -

Nilgiri Division Imperial - Military - Original Works

Grant Rs 26,502 }
Expenditure " 7,489 } Of this grant Rs10,000 for housing the Sappers have only been granted at the latter part of January, and Rs 6,000 are for Cooking Stoves, married quarters, Wellington, which are on their way from England and payment will made for them on delivery -

Postal. Expenditure under this will appear in Febry/83 -

Provincial Original Works - Civil Buildings

The allotment under this head includes the allotments for the following works the expenditure on which is arranged for by the Consulting Architect & the Private Secretary to Govt at Madras:-

(1) Furniture for Govt House ———— Rs 64,000
(2) Interior Decoration to — do ———— " 23,389
(3) Right Honorable Adams memorial — " — 6,644
94,033

North Arcot Division - Slow progress on Wallajah Cutcherry & Chittoor School accounts for short outlay - Rs 4000 from the allott of the former have been surrendered, it is reported that the allott for the latter will be worked out -

Salem Division - Works in fair progress.

Coimbatore
27 Febry 1883 }

J. Beatty - Colonel R.E.
Supg Engineer 4 Circ

No. 367 CA/6.2.83

REMARKS FOR GUIDANCE.

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It is to be understood that these returns are not accounts, and that although the figured entries should be as accurate as circumstances will allow, promptitude and regularity in their submission is of more importance than minute accuracy. No annas or pies should appear in them. Great care should be taken that the "name of the work" is in all cases absolutely the same designation as that under which it has been sanctioned.

P.W.C. No. 178

Recd 1-3-83

BUILDINGS AND ROADS BRANCH.

Fourth CIRCLE.

__________ DIVISION.

Progress Report for the Month of

January 1883.

No. 93

Dated 27th } February /83
Received }

Grants checked & corrected

Atg/3

No. 634 D/ 15/3/83

BW

C No. 178

W B/ 15/3

The expenditure seems monstrously small in comparison with the grants, but it is now too late to urge greater energy during the current year —

We must wait till the reports for March come in & then consider where the responsibility for short expenditure lies —

15/3/83

D.W. D/ 15/3/83 8 2/3

No. 634

unsatisfactory Serious notice must & [illegible] be taken of the shortcomings in the report which after all warnings have occurred — "Record"

Record S P 3/3/83 ~~Att~~

10-3-94 (1)

Memo

As requested in a telegram from Government which reached me on the evening of the 16th at Beypore I proceeded to Ootacamund to inspect the work now going on in lowering the level of the lake

2. On the evening of the 18th inst. I met the Collector, Executive Engineer also Doctors ~~Faulkner~~ Farquhar and Vanney on the spot

3. No smell was perceptible on the Willow bund, tho' Dr. Vanney mentioned ~~that~~ a little was observable in the morning, and no sickness in any

---

(4)

been anticipated

14/ When the rains commence & circumstances favor, the surface irregularities ~~unevennesses~~ can be trimmed down a clear central channel cut, and the rest laid down in grass, and be otherwise prepared for eventual laying out in the manner suggested by ~~the~~ Improvement Committee

15/ On the whole ~~therefore~~ the position of matters is very favorable and so far at least no evil results traceable to the lowering of the water in the lake is discoverable

20/2/83

Public Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

READ the following endorsement of the Public Works Deptt. dated 20th February 1883 No. 458 C. transferring Memo of the Chief Engineer regarding the lowering of the level of the Ootacamund Lake.–

Order thereon 23d February 1883 No. 401 Mis

Communicated to the Sanitary Commissioner, Madras, with reference to his demi-official note dated – February instant, and original papers received therewith returned.

(True Extract)

C Masters

Chief Secretary

To The Sanitary Commissioner

" Public Works Department. with the papers

W

(3)

10. This will probably lay bare all but two patches one near the A.B.C. ground which can eventually be dealt with by the Silting process. and another at the South corner east of the bund

11. To prevent the Bazar drainage spreading over the dried bed I have directed the Executive Engineer to excavate small pits at the end of each about 50 feet South of the roadway which can be periodically cleared out — This arrangement should answer well till the main [illegible] intercepting Sewer has been con-

structed as I hope
it may be in 2½ or
3 years time

12/. The Executive Engineer
is at once to push
on with the construction
of the regulating Sluices
at the waste weir
and this work when
finished will allow
of the lake water being
retained at any
level high or low
that may be desired
in the interests of
Sanitation

13/ The dried up
portion of the lake
bed is necessarily
irregular & unsightly
but is very much freer
from sewage deposits
and these results
than could have

(2)

always been the case and will continue till the drainage scheme now under execution has been completed

6. Just at present owing to the necessity for conserving the supply of water in the Marley Mund Reservoir the drains are only occasionally flushed - There are moreover no sufficient arrangements for disposing of the washings from the Slaughter Houses

7. This latter defect will it is understood be ere long dealt with by the President of the Muny. Commⁿ as far as possible; but it is needless to say that neither of the nuisances adverted to either affect or are aggravated by

the level of the
water in the lake

8. The hot sun and
extremely dry air
now prevailing at
Ootacamund are to the
best of my judgment
highly favorable to
the success of the operation
of lowering the lake
which hitherto has been accom-
-panied by very much
less nuisance than
I anticipated

9. The level of the
water is now about
6 feet below the
sill of the waste weir
and as there is still
more water east of
the willow bund than
desirable I have
authorized the Executive
Engineer to run off
another foot in depth

Public Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

READ the following endorsement of the Public Works Depth dated 20th February 1883 No. 458 C. transferring memo of the Chief Engineer regarding the lowering of the level of the Ootacamund Lake.—

Order thereon 23d February 1883 No. 401 Mis.

Communicated to the Sanitary Commissioner, Madras, with reference to his demi-official note dated — February instant, and original papers received therewith returned.

(True Extract)

C. Master
Chief Secretary

To The Sanitary Commissioner
with the papers
" Public Works Department ✓

10-3-94

[6]

Pr Cus 1722

Govt. of (188) Madras.

C A W

Send quickly please to the Chief Secy. with the portion of file required by him

7/3/83

To

The PW Dept

Proceedings, dated 23rd/2/1883

No. 401 Mn

Subject.

R/27.2.83

Regarding the lowering the level of the Ootacamund Lake

No 505 Cd/28th Feby/83.

Recorded.

27.2

Public Works Department

Madras. March 1883.

No

Memorandum

As requested in a telegram from Government which reached me on the evening of the 16th at Beypore I proceeded to Ootacamund to inspect the work now going on in lowering the level of the lake.

2. On the evening of the 18th instant I met the Collector, Executive Engineer also Doctors Farquhar and Nanney on the spot.

3. No smell was perceptible on the willow bund, though

though Dr. Nanney mentioned that a little was observable on the morning, and no sickness in any way traceable to Sewage emanations had as yet exhibited itself.

4. Out on the drying mud flats where there is a good deal of weed exposed and in a decaying condition there is as was to be expected a little smell, but as the weed is collected, dried and either burned (a matter which is being attended to by the Executive Engineer) or otherwise disposed of this will in all probability disappear.

5. Smell there certainly is from the Bazaar drains

but

but this has all along been the case and will continue till the drainage scheme now under execution has been completed.

6. Just at present owing to the necessity for conserving the supply of water in the Marley Mund Reservoir the drains are only occasionally flushed. There are moreover no sufficient arrangements for disposing of the washings from the Slaughter Houses.

7. This latter defect will it is understood be ere long dealt with as far as possible by the President of the Municipal Commission, but it is needless to say that neither of the nuisances adverted to either affect or are affected by the level of the water in the lake

8. The hot sun and extremely dry air now prevailing at ootacamund are to the best of my Judgment highly favourable to the success of the operations of lowering the lake which has hitherto been accompanied by very much less nuisance than I anticipated.

9. The level of the water is now about 6 feet below the sill of the waste weir and as there is still more water east of the willow bund than desirable I have authorized the Executive Engineer to run off another foot in depth.

10. This will probably lay bare all but two patches one near the A. B. C ground

which

which can eventually be dealt with by the Silting process, and another at the South Corner east of the bund.

11. To prevent the Bazaar drainage spreading over the dried bed I have directed the Executive Engineer to excavate small pits at the end of each about 50 feet South of the roadway which can be periodically cleared out. This arrangement should answer well till the main intercepting sewer has been constructed as I hope it may be in 2½ or 3 years time.

12. The Executive Engineer is at once to push on with the Construction of the regulating sluices at the waste weir and this work when finished

will

will allow of the lake water being retained at any level high or low that may be desired in the interests of Sanitation.

13. The dried up portion of the lake bed is necessarily irregular and unsightly but is very much freer from sewage deposits and their results than could have been anticipated.

14. When the rains commence and circumstances favor, the surface irregularities can be trimmed down, a clear central channel cut, and the rest laid down in grass and be otherwise prepared for eventual laying out in the manner suggested by

by the Improvement Committee.

15/. On the whole therefore the position of matters is very favourable and so far at least no evil results traceable to the lowering of the water in the lake is discoverable.

Signed, R. H. Sankey Col. R.E.
Chief Engineer P.W.D.

No. 458C dated 20th February 1883

Transferred to the Public Department with reference to the Correspondence herewith returned and demi official Note from the Chief Secretary.

Sd/ R H Sankey Col. R.E.
Secy to Govt. P.W.D.

To
The Public Departt from Sanitary
with letter No. 230/[illegible] Officer Dely &
Enclos. & Demi offl from Chief Secy

Ec Ind

P. W. Department

No. 551 C dated 7th March 1883

Memorandum

Under Memo No: 452 of 28th February/83 Public Department, letters from the Collector of the Nilgiris d/ 18th & 21st February 1883 Nos: 11 & 12, are transferred to this department.

2. These bear chiefly on the scheme for lowering the level of the Lake at Oolacamund, a work, which as forming one of the numerous proposals for the improvement of that station & approved of by Government under G.O. of 1st Feby 1882, No 286 W, has now for some time been in progress.

3 In compliance with a telegram from Government which met me at Beypore and allowed me only just time to arrange by wire with Dr Naung (in the absence of any information as to whether the Collector was present or absent) I made a hasty visit to the station on the 18th ultimo. The results of this visit I have already reported in my memo No.

No: 458 of 20th February 1883 submitted to the Chief Secretary.

4 As I notice from the letters and Committees proceedings now before me and also from the numerous Communications which have lately appeared in the newspapers that much misapprehension exists in regard to the objects in view in lowering the lake level it will be better here to re-quote the observations made by the improvement Committee appointed under G.O. 6th June 1881 No 1408 W

× × × ×

'29. Next in importance to the proper 'provision of surface drains for the several 'bazaars &c, is the removal of the sewage, 'which is at present, with the exception 'of that from Kandal, discharged into 'the lake, the water of which thus 'becomes more foul year by year. The 'upper portion east of the willow bund, 'is now in great measure a sedgy 'pond, covered with much floating 'weed, and with sewage accumu'lations at the extremity of all the 'bazaar drains. Instead of the beau'tiful feature which it might easily, 'with a little care and taste, be made, 'the lake is rapidly becoming a dis'grace to Ootacamund.

× × × ×

'52. There are two ways of dealing with 'the matter. (1) by raising the level of 'all the affected grounds, or (2) by 'lowering the level of the water in the 'lake, which necessarily keeps up the 'spring level. The latter is obviously by 'far the cheapest plan, all that is 'needed being to cut down the level of 'the waste weir at the bund from '3 to 6 feet as may be desirable; in 'fact, by just so much as will lay 'dry the portion east of the willow 'Bund. The ground so reclaimed, may 'quickly and at small expense be 'turned into pleasure and recreation 'grounds

'53. The latter are much wanted for 'such purposes as Cricket, Polo, and 'Gymkhana Sports, for which the present 'A.B.C. grounds are too much restricted

'54. It must be borne in mind that 'the lake as it stands, fulfils no useful 'functions for Ootacamund. It irrigates 'no ground below its bunds, its water

is

'is unfit for drinking, unused for boating, 'and, if not ornamental, is valueless if 'not worse, as being little better in its 'present state than a receptacle for sewage.

'55- The slope of the margins being very 'steep, the lowering of the present water 'level by 6 feet would not narrow the 'present spread of the water in all 'by more than 30 or 35 feet at most; prac-'tically therefore this proposal, while 'pointing to an easy means for improving 'sensibly the sanitary condition of all 'east and north of the Willow Bund, 'and affording scope for improvement 'otherwise unattainable, would to no 'sensible degree interfere with the extent 'of the Lake to the west of that point.

'56- Instead moreover of leaving 'this latter portion in its present bald, 'unplanted, and uncared for con-'dition, particularly along its northern 'margin, the Committee strongly ad-'vocate all the knolls down to the 'waters' edge being planted with 'selected trees (conifers chiefly) thereby 'turning the Lake into the most at-'tractive feature in Ootacamund'.

In his letter No 12 Mr Breeks Atkinson observes as follows:-

5 "I deprecate the consideration that the Ootacamund Lake, the feature of the place from all sides, is to be a thing of the past"- It is not a little singular that with the order of Govt which I have above quoted before him, the objects & reasons for the work in Question should be so misapprehended-

6 The upper part of the lake had become extremely offensive, and under the action of natural forces was becoming worse daily- Nothing remained but to resort either to the expensive ~~resort~~ process of filling in with earth leaving only a Central drainage channel or to lowering the level of the water so as to lay if possible all east of the willow Bund dry- This as costing a mere trifle compared with the expense of the filling in process was naturally advocated by the improvement Committee It had also the no small advantage of at once making the ABC ground dries

drier than it would otherwise be, and affording an opportunity of turning the whole of the ground east of the Willow Bund into a handsomely laid out People's Park with Gymkana etc –

7 Opportunity was also to be taken in thus curtailing the extent of the Lake to plant up the margins ornamentally instead of allowing it to continue in its present neglected unkempt condition.

8. The process by which a work of this kind is carried to its completion is often the reverse of pleasant – Whenever mud flats have to be exposed in lowering the water level prior to redressing and final formation, weed is exposed and till dried and burnt gives off a certain amount of smell etc, but as shewn in my note of the 20: Instant the whole is proceeding most satisfactorily under the hot sun and fine dry air at present prevailing at Ootacamund.

9 Owing to the large amount of silt brought down from the northern valley to the west of the Willow Bund, much more land has been laid bare than was originally contemplated, but this like the rest will in time be ornamentally planted and laid out. ~~the~~

10 – The Collector in the letter previously quoted observes how the monsoon [illegible] water venting itself down the central channel "will fill up the lake below the Willow "Bund to its ancient level, some 7 feet "above the level at what the water now "lies" and proposes that "a sluice in "the Willow Bund bridge opening only "one way will prevent the water backing" into the eastern or upper ends of the lake –

11 ~~10~~ The Committee also who sat on the 21st February subsequent to my visit are evidently impressed with the same idea, as in para iii they observe "we "echo public opinion in stating that "we consider that the water below the Willow "Bund should be raised as soon as "possible to its pristine level and kept "~~there~~

12 ~~11~~ As this immediately follows their concurrence in the desirability of reclaiming

the east or upper part of the lake it follows in their opinion the lower part of the lake should be kept full of water the level of which shall always be 7 feet above that in the upper.

12 13 I really do not think that the Gentlemen who signed these proceedings had any clear or lucid idea as to what they were suggesting, which was tantamount to proposing that water from the supply channel of the lake should run down the valley by gravity to the bridge at the willow Bund, and ~~there~~ these, heedless of this X universal force, mount up 7 feet and remain there in spite of nature's laws.

13 14 The Collector who also signs the proceedings evidently had some misgivings on this score and proposes a sluice "opening only one way" but evidently forgot that in the process of filling the lower part of the lake, and indeed under all circumstances, the water must run down from the upper into the lower part of the lake. X

It

It is clearly needless to consider seriously any such suggestions. The waste weir is now being lowered 7 feet and .. this amount of water will be run off the whole lake and will seldom except in flood be any higher than weir level.

14 15 The matter remains therefore precisely as originally formulated by the Improvement Committee; either the Ootacamund Lake must by keeping up the old level of the water be allowed to go on from bad to worse, getting more and more sedgy and disagreeable if not also more insanitary, or by lowering the level of the water as now being effected, ~~it~~ be made a source of great ornament and use to the station.

15 16 I am unable to agree with the Collector regarding the sequence in which the several works should be carried out. The Improvement Committee had clearly before them the terrible condition of the bazar drainage and very properly decided that these

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Foot note

X A certain portion of the upper waters might under other conditions than now obtain be diverted by high level channels along both sides of the valley, but certainly just as matters stand and in all cases would leave the upper portion of the lake a morass in the monsoon these were the first to be rectified.

16 17 The complaints of bad smell at Ootaca-
-munds are mainly now attributable to
the state of the Bazaar drainage which we
are doing our best to rectify as speedily
as possible.

17 18 The main sewer will I hope follow
next so soon as funds can be spared,
and in the meanwhile palliatives
of various kinds must be adopted.

It may take from 3 to 4 years before
the whole drainage system is brought
into a thoroughly satisfactory state,
and in the meanwhile it is to be
hoped that for the sake of the
beneficial objects in view, reasonable
consideration and allowance be
made for some admitted inconve-
-niences which are unavoidable
in the process.

18 19. The Executive Engineer will I feel assured
~~Sure~~ act in entire harmony with the Sani-
-tary officer and will use his best
endeavours to mitigate any well
founded objection or grievance on
the part of the public - Of

20 19. Of the minor points needing attention
I may now briefly say

(1) The ends of the cut stone street
drains will be carried some way
past the road tunnels and made
to discharge into pits till the main
intercepting sewer has been constructed
The arrangements with proper scavenging
should prove a great relief and be,
I should hope, very effectual in pre-
-venting smell and any flow of
sewage over the reclaimed ground.

(2) The employment of Convicts as sug-
-gested by the Committee would be
very advantageous - they could clear
weeds and rank vegetation, level down
the old bed, sow grass, plant trees &c.

(3) The clearance of a Central drainage
duct for the whole of the upper valley
as necessarily forming part of the
original improvement scheme call
for no remark further than that Con
-victs might with great advantag
be employed upon it.

21 ~~20~~ As the public are not unnat

10-3-94

much interested in the scheme I should be glad to see the whole correspondence printed and given to the press, and shall be quite prepared subsequently to add any information in my power

Colonel R.E.
Chief Engineer
P.W. Depte

Madras
March 1883

No. 550 C d/ 17-3-83

Transferred to the Public Depts in continuation of endorsement No. 458 C d/ 20th Feby/83

by R.H.S.

No. 458 C d/ 20-2-83
G.O. 286 W d/ 11-2-82
" 314 W d/ 29-2-83
No. 17 C d/ 5-1-83
" 505 C d/ 28-2-83
G.O. 286 W d/ 11-2-82

The Public Department.
with Memo from Chief Secy No. 452
dated 28-2-83 & letters
from Collr of Nilgiris d/ 18th & 21st
Feby/83 Nos. 11 & 12

7/3/83

c Ind 17/3