

- (1) பக்கங்களின் எண்ணிக்கை 8
 (2) புதுக்கித் திருப்பிய நாள் 24-5-1987
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 10/4

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

மாண்புமிகு
செயலாளர் குறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	1438W	அச்சகம் பலவகை
நாள் :	22-5-1890	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

No. 109Mne., dated Calcutta, the 2nd May 1890.

The following report of the 12th quarterly inspection of the Dock Works at Kidderpore, which are being carried out by the Commissioners for making Improvements in the Port of Calcutta, is published for general information.

By order of the Lieutenant-Governor of Bengal,
W. B. BESTIC,

Under-Secy. to the Govt. of Bengal, P. W. Dept.

QUARTERLY INSPECTION OF THE KIDDERPORE DOCK WORKS.

No. 2722, dated Calcutta, the 25th April 1890.

From—W. CONNAN, Esq., and W. H. KING, Esq.,
To—The Secretary to the Government of Bengal, Public Works Department.

In accordance with the orders of the Government of Bengal, memorandum No. 1042 (Marine) of the 22nd instant, we have the honour to report that the 12th quarterly inspection of the Kidderpore Dock Works was made on the 24th instant.

2. The usual tabular statement and the index plan showing the work done during the quarter ending 31st March 1890, and the total amount executed from the commencement, which have been prepared by the Superintending Engineer of the Dock Works, are already with Government.

3. The progress during the quarter is under noted.

PERMANENT WORKS.

Sixty-feet Lock.—This work is practically completed, hanging the riverside gates only remaining to be done.

Eighty-feet Entrance.—The gates are being erected, the work being otherwise almost finished.

Double Entrance to Dock No. 1.—This work is nearly completed, the gates being nearly all hung. Arrangements are being made for erecting the swing bridge.

Tidal Basin.—The unfinished portion of the north-east corner has been founded, and the short gap at the south-west corner will soon be taken in hand.

Graving Dock.—One and-a-half lakh cubic feet of brickwork was done during the quarter, and the work is, say, $\frac{2}{3}$ ths completed.

Government Graving Dock.—Very good progress has been made with this Dock during the quarter, half the area being founded, and 44 per cent. of the masonry done.

Dock No. 1.—The masonry of the Dock is nearly completed, 3 per cent. only remaining to be done. Over 36½ lakhs of excavation were taken out during the quarter.

Boat Canal.—Lift lock finished with the exception of the erection of gates and building revetments. Diamond Harbour Road bridge finished with the exception of the approaches. Tollygunge Circular Road bridge finished except the approaches and erection of main girders, the staging for which is ready and fitting begun. The siphon culvert under the canal is nearly done. The lock at Chetla is in progress, the excavation for the foundations being nearly completed. The supply sluice at Chetla has its platform built.

Subsidiary work.—The chimney shaft and accumulator tower of the Hydraulic Engine-house are approaching completion. The foundation for the Graving Dock Engine-house will shortly be begun, and the erection of the main Pumping Station machinery has commenced. The foundations of one cargo-shed have been got in.

Expenditure.—The total expenditure up to the end of the quarter under review is reported as Rs. 1,71,00,838-10-11, the expenditure on works being Rs. 1,45,22,906-7-10, and on land Rs. 25,77,932-3-1.

Sanitary.—The daily average number of workpeople employed during the quarter was 8,189, amongst whom there were 36 deaths, the death-rate being 17.96 per 1,000 per annum.

GENERAL REMARKS.

We are of opinion that good progress has been made with the works, and, so far as we have been able to judge from a quarterly inspection, the work done during the quarter is sound and substantial.

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KIDDERPORE DOCK WORKS.

Progress Report for the quarter ending 31st March 1890.

DURING the quarter under review 1,203,222 cubic feet of brickwork were executed, leaving to be done only 2,086,309 cubic feet, or 13 per cent. of the whole. The present state of each of the works is as follows:—

The sixty-feet lock is practically completed with exception of hanging the riverside gates, which will shortly be taken in hand.

The eighty-feet entrance is also practically finished and the gates are in course of erection.

Tidal Basin.—The north-east corner, which includes the graving dock entrances, has been founded, and only the short gap at the south-west corner remains to be done, and it will very soon be taken in hand.

The double entrance to Dock No. 1 is practically finished and the gates are nearly all hung. The erection of the swing bridge across it will very soon be begun.

Graving Dock.—Only 11 per cent. of the brickwork remains to be done.

Government Graving Dock.—Half the total area has been founded and 44 per cent. of the brickwork executed.

Dock No. 1.—The walls have all been founded and only 3 per cent. of the brickwork remains to be done.

Boat Canal.—Lift lock finished with the exception of the erection of gates and building revetments. Diamond Harbour Road bridge finished with the exception of the approaches; Tallygunge Circular Road bridge finished except the approaches and erection of main girders, the staging for which is nearly ready. The siphon culvert under the canal is nearly done. The lock at Chetla is in progress, the excavation for the foundations being nearly completed. The supply sluice at Chetla has its platform built.

Subsidiary works.—The chimney shaft and accumulator tower of the hydraulic engine-house are approaching completion. The foundation for the graving dock engine-house will shortly be begun, and the erection of the main pumping station machinery has commenced. The foundations of one cargo shed have been got in.

The usual tabular statements are appended.

J. H. APJOHN,
Engineer, Port Trust.

The 18th April-1890.

Health return compiled from the monthly report of the Medical Officer for the months of January, February, and March 1890.

MONTH.	Daily average number of workmen.	DAILY AVERAGE NUMBER OF CASES UNDER MEDICAL TREATMENT.			DEATHS.							Total deaths.	Mortality per 1,000 of population per annum.
		Cholera.	Other diseases.	Total.	IN HOSPITAL.			OUT OF HOSPITAL AND TOLLYGUNGE.					
					Cholera.	Other diseases.	Total.	Cholera.	Other diseases.	Total.			
January 1890	7,843	1	170	171		11	11	1	6	7	18	28.27	
February "	9,034	5	925	930		8	3	5	4	6	9	11.35	
March "	7,890	1	575	576					3			13.68	
Average total divided by three months.	8,189	8	1027	1035	8	47	5	27	43	7	12	17.96	

MOHENDRO NATH BISWAS,
Medical Officer.

O'C. RAYE, M.D.,
Surgeon.

J. H. APJOHN,
Engineer, Port Trust.

J. H. APJOHN,
Engineer, Port Trust.

The 18th April 1890.

KIDDERPORE DOCK WORKS.

Progress Report for the quarter ending 31st March 1890.

J. H. ARJOHN,
Engineer, Port Trust.

The 18th April 1890.

**KIDDERPORE DOCKS
PLAN TO ACCOMPANY PROGRESS REPORT
FOR QUARTER ENDING 31ST MARCH 1890**

1438
No. 1176 Marine

Government of Bengal.
PUBLIC WORKS DEPARTMENT.

All communications should be addressed
to the Secretary

P. W. DEPT.

To

THE

Secretary to the Government of Madras
Public Works Department.

Dated Calcutta, the 5th May 1890.

Sir,

I am directed by the Lieutenant
Governor to forward, for the information of the
Government of Madras the accompanying
copy of the report (with plan and statement)
of the 12th quarterly inspection of the Dock Works
at Kidderpore, which are being carried out
by the Commissioners for making improve-
ments in the Port of Calcutta.

I have the honor to be,
Sir,
your most obedient servant.

W. W. Bishie
Under Secretary.

Accompaniment
copies of the inspection
report referred to.

No: 1438 Wd/ 22nd May 1890

PNC N: 4592

Copy forwarded
the Chairman In,
J. Board for in-
formation in con-
tinuation of G.C. No:
594 W dated 25th Febry:
1890.

WMB
17.5.90
Rueon
19.5.90

16.5.90
E.3

- 80.13
- 594 W 25.2.90
 - 3596 W 18.12.89
 - 2484 W 6.9.89
 - 1282 W 14.8.89
 - 405 W 13.2.89
 - 30 W 7.9.89
 - 2607 W 23.8.88
 - 1668 W 7.6.88
 - 502 W 11.7.88

No: 1438 Wd/ 22nd May 1890

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Chairman In J. Board
Chas 103.1
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