

- (1) பக்கங்களின் எண்ணிக்கை 4
 (2) புதுக்கித் திருப்பிய நாள் 9/1
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் [Signature]

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

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அரசாணை எண். மு. கோப்புத் தாள் எண்.	2678	அச்சகம் பலன்கை
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மடிக்கவோ கண்டபடி கையாளவோ கூடாது

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ஆவண. கா-1-18,006-15-6-87.

QUARTERLY INSPECTION OF KIDDERPORE DOCK WORKS. 2678/1

Dated Calcutta, the 6th September 1892.

From—LIEUT.-COL. A. D. McARTHUR, R.E., AND J. D. DAVIES, Esq.,
To—The Secretary to the Government of Bengal, Public Works Department.

We have the honour to report that an inspection of the Kidderpore Dock Works, for the quarter ending 30th June 1892, was made by us on the 1st instant.

As stated in our report for the quarter ending 31st March, all the main works connected with the scheme are completed, and, with the exception of the Graving Dock noted on below, it is unnecessary to make any further allusion to them in this report.

WORKS GENERALLY.

The work during the quarter was chiefly confined to the construction of the five sheds on the east side of the Dock, which have been completed with the exception of a portion of the stone flooring. The construction of three sheds to complete the total number estimated has been held in abeyance. The metalling of the spaces between the sheds and on the quay on the east side of the Dock shows good progress, and a double line of rails has been laid along the front.

Dredging operations for the excavation of the berm left along the walls have been continued and fair progress made, taking into account the available dredging power.

On the date of our inspection, four large steamers were berthed on the west of the Dock, with every facility for rapid discharge and loading up of cargo, the arrangements in cranes, &c., working perfectly smoothly.

GRAVING DOCK.

A leak having taken place in the sill of the Graving Dock, special instructions were issued in Bengal Government, Marine No. 1742, dated 27th June, for inspections during the course of the repairs and after completion. These inspections were duly carried out. The true cause of the leak was ascertained to be due to a defective horizontal joint in the masonry, the water under heavy pressure finding its way through this joint and beneath the sill stones. The measures taken to repair the defect by the Port Engineer were completely effectual and consisted of cutting a trench in the masonry above and below the sill to the level of the defective joint, and reconstructing the masonry with a vertical as well as horizontal band, the sill stones at the same time being grouted up with cement. The Dock on the date of our inspection was perfectly staunch and ready for use.

It may be stated that the accident was in no way due to the subsidence of the foundations, and was quite unconnected with any of the causes which led to the failure of the walls of the main dock to which we have heard that it has been attributed.

The work of dismantling the masonry owing to its splendid quality was a matter of great difficulty, and a tedious operation. The brickwork refusing to come away, except in small pieces of brick and mortar combined.

EXPENDITURE.

The total expenditure up to the end of the quarter under report is stated to be Rs. 2,66,46,682, of which Rs. 2,40,61,109 represent outlay on works, and Rs. 25,85,572 on account of land.

HEALTH.

The daily average of workpeople employed was 2,393, among whom there were 11 deaths during the quarter, showing a rate of 18.39 per mille per annum.

REMARKS.

The Dock is ready for the reception of a number of vessels, and, considering the facilities afforded, it will doubtless be extensively used.

We consider the progress on the works in hand during the quarter was satisfactory, and that, so far as we could judge, the quality of the work was all that could be desired.

Any further communication should be addressed to

THE SECRETARY TO THE GOVT. OF BENGAL,
MARINE DEPARTMENT,
CALCUTTA.

And the following number should be quoted:—

2138- MARINE.

GOVERNMENT OF BENGAL,

MARINE DEPARTMENT,

CALCUTTA.

The 14th September 1892.

To The Secretary to the ^{28/9}
Government of Madras.
Public Works Department.

Sir

I am directed by the Lieutenant Governor to forward for the information of the Government of Madras the accompanying copy of the report of the 20th quarterly inspection of the Dock Works at Kidderpore which are being carried ^{out} by the Commissioners of the Port of Calcutta.

I have the honor to be
Your ^{Sir} most obedient servant.

W. H. Stephen
Under Secretary

2 SEP 1
PW 9502/92

Account to
Copy of a report
up to

9/12/9

P. W. CURRENT No. 9502

for B no 1724 w 8.10.6.92
" " 1011 w 8.29.5.92
" " 3340 w 8.10.12.91
" " 3210 w 8.4.12.90
" " 1423 w 8.26.5.91

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to the Chairman Messrs
Harlem Trust Board
for information

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To the Chairman
M.A. 9. 132 with share of 1/2 p. 1000

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