

- (1) பக்கங்களின் எண்ணிக்கை 6
 (2) புதுக்கித் திருப்பிய நாள் 10.90
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் கொ

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D. துறை

அரசாணை எண்.	3340	அச்சகம்
மு. கோப்புத் தாள் எண்.		பலவகை
நாள் :	10-12-1891	198 .

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மடிக்கவேண்டிய கையாளவோ கூடாது

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QUARTERLY PROGRESS REPORT FOR THE TWO QUARTERS ENDING 30TH
SEPTEMBER 1891.

THROUGH oversight it appears that no progress report was submitted for the quarter ending 30th June, and consequently the following report will cover the half-year ending 30th September:—

Repairs to Walls of Dock No. 1.—It was found impossible to make any progress with dismantling and reconstructing the upper portions of the injured walls while the river had access to the dock, and consequently it was decided to strut the gates of the 60' and 80' passages against the tide. This was done by the beginning of June, and since then the work on the walls has made good progress, and by the end of September the concreting of the south-west berth had been rather more than one-fourth done, and on the eastern wall 368 out of 418 bolt holes had been drilled, and 60 per cent. of the waling had been fixed and the pockets concreted.

Dredging of Tidal Basin.—Half the total area had been dredged to within 5 feet of the depth required, and at the rate of progress being made, the full depth would be obtained between the lock and double entrances by the end of October.

Graving Dock Engine-house.—Roofing was nearly completed.

Addition to Hydraulic Engine-house for Electric Light Engines.—This wing was roofed in and some progress made with the engine foundations.

Erection of Sheds.—Four sheds on the west side were erected and partly roofed in, and two on the east side were about to be begun.

Lock and Bridge at Chella hat.—Were completed.

Foot-bridge for Budge-Budge Road.—Was erected and raised to position and the piers were built under it.

J. H. ARJOHN,
Engineer, Port Trust.

The 22nd October 1891.

ENCLOSURE
CONT. OF REPORT NO. 1
No 2854 *marine* 4-12-1891

QUARTERLY INSPECTION OF THE KIDDERPORE DOCK WORKS.

Dated Calcutta, the 24th November 1891.

From—LIEUT.-COL. A. D. MCARTHUR, R.E., and H. N. C. CLOËRE, Esq.,
To—The Secretary to the Government of Bengal, Public Works Department.

AGREEABLY to the orders of the Government of Bengal, received with the Under-Secretary's letter No. 2536M. of the 30th ultimo, we have the honour to report that the inspection of the Kidderpore Dock works for the two quarters ending 30th September 1891 was made by us on the 21st instant. All the works are approaching completion, and their present state is as reported below.

Sixty-feet Lock.—Already reported complete. A small quantity of work on the jetties at the head of the lock remains to be done. The entrance to the lock has been dredged.

Eighty-feet Entrance.—As previously reported, this work is completed, and the jetty heads are almost finished. The dredging of the entrance has been carried out.

Double Entrance to Dock No. 1.—Is completed as previously reported.

Tidal Basin.—The masonry work is completed. Half the total area of the basin was dredged to within 5 feet of the required depth and full depth dredged between the lock and double entrances.

Graving Dock.—The engine-house for this dock which was under construction at the time of our last inspection is now completed with the exception of finishing work. The engines and pumps have already been utilized for emptying the docks.

Dock No. 1.—The additional works rendered necessary by the slips reported during the quarter ending 30th September 1890 are well in hand. With regard to repairs to walls of this dock, it was at first found impossible to make any progress with dismantling and reconstructing the upper portions of the injured walls while the river had access to the dock, and consequently it was decided to strut the gates of the 60 feet and 80 feet passages against the tide. Since this was done, the work on the walls has made good progress. More than 1/3rd of the concreting of the south-west berth had been done, and on the eastern wall 368 out of 418 bolt holes had been drilled and 60 per cent. of the waling had been fixed and the pockets concreted.

Boat Canal.—The lock and bridge at Chetla Hât are now completed. The gates and overbridge which were under construction when our last report was submitted are now finished, as also the revetments. The foot-bridge across the lift lock at the Budge-Budge Road has been erected and raised to position, and the piers erected under it.

Subsidiary Works.—The addition to the hydraulic engine station for the accommodation of electric light engines and plant was nearly completed at the time of our inspection. The wing was roofed and satisfactory progress made with engine foundation. The iron work for the cargo sheds has been received from England. Four sheds on the west side have been erected and partly roofed in, and two on the east side were put in hand. Considerable progress has been made with them.

GENERAL REMARKS.

We consider that the progress on the works in hand during the two quarters was very satisfactory, and that, so far as we could judge, the quality of work done was all that could be desired, promising completion at a very early date.

Any further communication should be addressed to
THE SECRETARY TO THE GOVT. OF BENGAL,
MARINE DEPARTMENT,
CALCUTTA.
And the following number should be quoted:—
2854 MARINE.

GOVERNMENT OF BENGAL,
MARINE DEPARTMENT,
CALCUTTA.

The 4th December 1891.

To

The Secretary to the
Government of Madras
Public Works Department

Sir,

Reach

I am directed by the Government to forward to the Madras Public Works Department the accompanying copy of the report of the 17th 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,
Sir,
Your most obedient servant,

W. W. Rastie
Under Secretary

Enclosure
of the report
sent to

26.5.91 - 1423 W

142340 W of 10 Dec 91
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Communicated to
the Chairman Harbour
Trust Board for informa-
tion.

Done

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10.10.91

The Ch. H.T.B. 10/10/91
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P. 11/12

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