~~Marine~~ (1899) Department.

G.O., No. 11748

Dated 2nd May 1899

3/5777

[Despatch Abstract.]

Mangalore Harbours.

Endorsement of the Supdtg: Engineer Ist Circle, forwarding a report on the state of the ——— & the back water during 1898-99 comd. to the Marine Dept.

90/17 Ft.

[illegible] 3/5

	Department.	Date.	G.O.		

FURTHER PAPERS.

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

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1899} of Madras.

PUBLIC WORKS.

Recd. } 1899. *Enclosures*

Regd. } *Spare copies*

G.O., No. 1174 W., 2nd May 1899.

MAY.

Mangalore Harbour

Endorsement of the Superintending Engineer, IV Circle, forwarding a report on the state of the — and the backwater during 1898–99, communicated to the marine Department.

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

FURTHER PAPERS.

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

BUILDINGS AND ROADS.
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Endorsement of the Superintending Engineer, IV Circle, forwarding a report on the state of the — and the backwater during 1898-99, communicated to the marine Department.

No. 1174 W., 2ND MAY 1899.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

REPORT on the state of the harbour and the backwater at Mangalore during 1898–99.

The general aspect of the backwater from the marine yard to the Custom House is much the same as it was during the previous year.

2. Passage for small crafts not exceeding 30 tons burthen still remains navigable and these anchor opposite the Custom House beyond a distance of 300 feet from the quay wall.

3. The southern end of the backwater opposite the entrance and Ullal is in the same state as it was during the last season, and the anchorage here still remains discontinued. The larger native crafts of 150 tons burthen anchor to the west of the marine yard as they did in previous years.

4. The small steamers of Messrs. Shepherd & Co. still continue to anchor outside the bar.

5. The entrance and the bar and passage to sea are in the same position as last season. The entrance during the monsoon was 1,400 feet wide, but now it has been reduced to 1,200 feet. The northern sand spit continues to grow both in width and height.

6. The least depth at low water spring tide is 8½ feet in the bar itself.

7. The northern or Gurpur mouth has permanently closed and the sand spit here has grown since last season.

8. The total rainfall for 1898 has been 111·73 inches in Mangalore, 152·47 inches in Udipi, and 165·38 inches in Coondapoor taluks.

9. There have been no accidents inside the bar and the backwater during the year.

7th April 1899.

(Signed) S. X. SALDANHA,
Sub-Engineer.

No. 222 S.E.

Forwarded to the Superintending Engineer, IV Circle.

17th April 1899.

(Signed) C. J. USSHER,
Ex. Engr., West Coast Divn.

No. 217/W.

Copy submitted to the Chief Engineer, Public Works Department.

COIMBATORE,
22nd April 1899.

(Signed) A. H. GARRETT,
Suptg. Engineer, IV Circle.

ORDER—No. 1174 W., dated 2nd May 1899.

Communicated to the Marine Department, in continuation of G.O., No. 1140 W., dated 9th May 1898.

(True Extract.)

Under Secretary to Government.

To the Marine Department.
„ Superintending Engineer, IV Circle.

Exd. T. K. Narayana Aiyangar.

Public Works (1897) Department.

CURRENT No. 3323

From The Supg. Engineer, 4th Circle.

Order No. 1174 W dt 2-5-99 communicated to the Marine Dept. in continuation of G.O. No. 1140 W dated 9th May 1898.

No. 217/W.

Dated 22nd April 1899.

Received

Registered 24-4-99

Enclosures ✓

Spare copies. ✓

SUBJECT.

Mangalore Harbour — Submits South Canara Sub Off's report on the —

This is an almost verbatim reproduction of last year's report.

To

The Marine Dept.
" Suptg. Engr, IV Circle

Department. | Date | G.O.

FURTHER PAPERS.

No.	Date.
1140 M	9-5-98
1442 M	28-5-97
1634 M	1-6-96
1032 M	21-4-94
1432 M	26-5-97

FURTHER PAPERS.

No.	Date.

Public Works (1900) Despatches

Report on the [illegible] of the narrow [illegible] backwater at Bombay during 1898-99.

1P

The general aspect of the backwater from the Marine yard to the Custom House is much the same, as it was during the previous year.

2. Passage for small crafts not exceeding 30 tons burthen still remains navigable and these anchor opposite the Custom House beyond a distance of 300 feet from the quay wall.

3. The Southern end of the backwater opposite the entrance and Pallab is in the same state as it was during the last season and the anchorage here still remains discontinued. The larger native crafts of 150 tons burthen anchor to the west of the Marine yard, as they did in previous years.

4. The Small steamers of Messrs. Shepherd and Co. still continue to anchor outside the bar.

5. The entrance, and the bar and passage to Sea are in the same position as last season

Department.	Date.	G.O.

PAPERS.

to 1200 feet. The northern sand spit continues to grow both in width and height.

6. The least depth at low water Spring tide is 8½ feet in the bar itself.

7. The northern or Gurpur mouth has permanently closed and the sand spit here has grown since last season.

8. The total rainfall for 1898 has been 111.73 inches in Mangalore, 152.47 inches in Udipi, and 165.38 inches in Coondapoor Taluks.

9. There have been no accidents inside the bar and in the backwaters during the year.

(Signed) S. X. Saldanha
Sub Engineer

7.4.1899.

No: 222 S.E of 17.4.99.

Forwarded to the Supdg Engineer

W. Cecile

(Signed) C. J. Ussher
Exec Engineer
West Coast Dn

No. 217/W. Dd 22nd April 99.

Copy submitted to the Chief Engr. P.W.D.

Coimbatore
22nd April 1899

Supdg Engineer W. Cecile