

Specification of James Alexander Manning : treatment of sewerage and other polluted liquids.

Contributors

Manning, James Alexander.

Publication/Creation

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A.D. 1858, *14th JANUARY.* N° 61.

S P E C I F I C A T I O N

OF

JAMES ALEXANDER MANNING.

TREATMENT OF SEWERAGE AND OTHER
POLLUTED LIQUIDS.

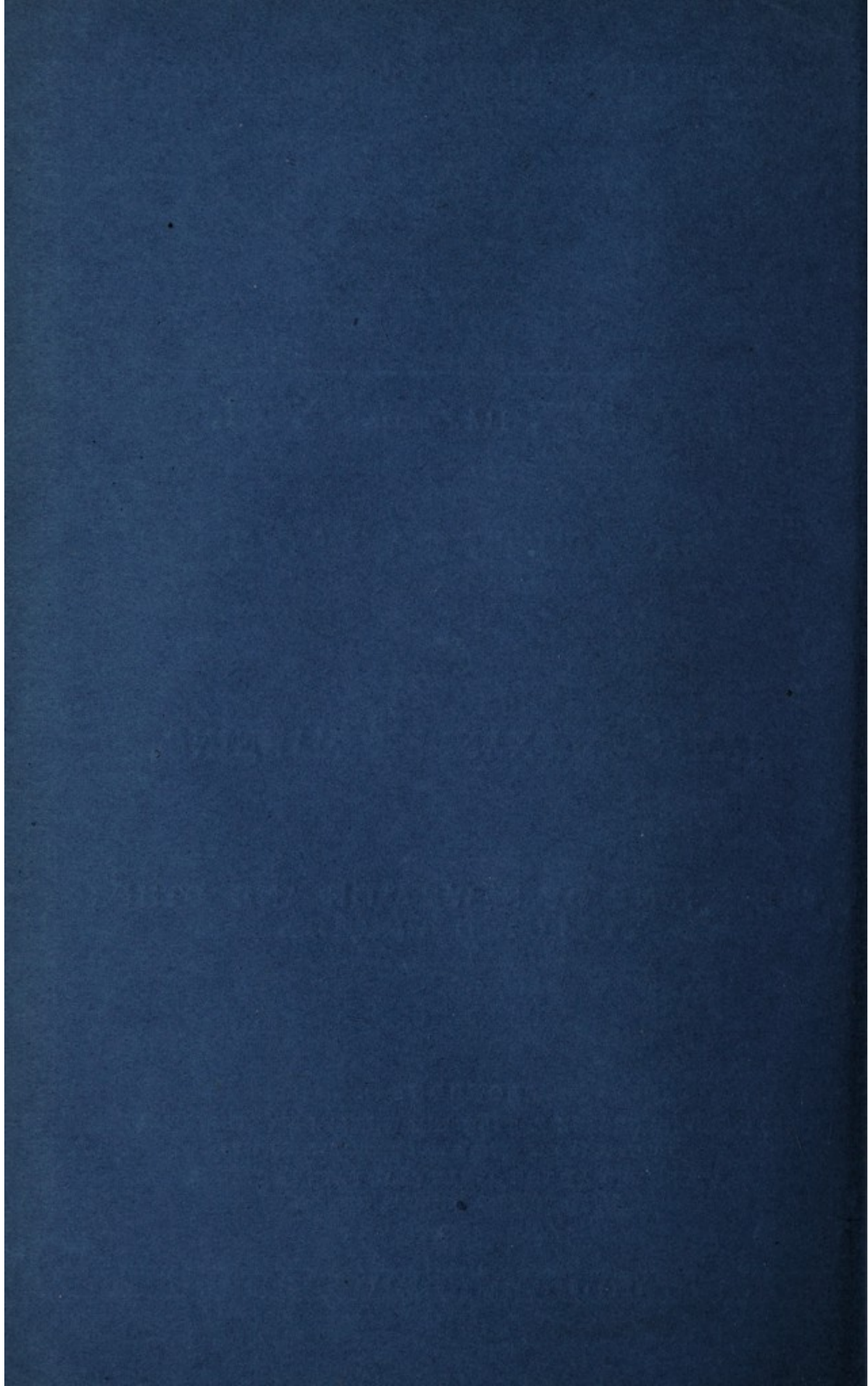
LONDON:

PRINTED BY GEORGE E. EYRE AND WILLIAM SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY :

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1858.





A.D. 1858, 14th JANUARY. N^o 61.

Treatment of Sewerage and other Polluted Liquids.

(This Invention did not proceed to the Great Seal.)

PROVISIONAL SPECIFICATION left by James Alexander Manning at the Office of the Commissioners of Patents, with his Petition, on the 14th January 1858.

I, JAMES ALEXANDER MANNING, of the Inner Temple, in the County of Middlesex, Esquire, do hereby declare the nature of the said Invention for
5 "IMPROVEMENTS IN THE TREATMENT OF SEWERAGE AND OTHER POLLUTED LIQUIDS," to be as follows, that is to say:—

This Invention relates to the application and use of the refuse still liquors obtained in the manufacture of chlorine for the preparation of bleaching
10 powder, consisting of the chlorides of manganese and iron, and resulting from the action of muriatic acid upon manganese ores in and for the deodorization and clarification of sewerage and other polluted liquids. This new application and use is available either in itself alone, or in combination with other refuse substances. By means of this Invention, not only is the sewerage matter
15 clarified and the solid matter therein left available for the purposes of manure, but the sewerage is in addition rendered unobjectionable and innocuous in its application to the purposes of irrigation.

LONDON:

Printed by GEORGE EDWARD EYRE and WILLIAM SPOTTISWOODE,
Printers to the Queen's most Excellent Majesty. 1858.

AD. 1821, Volume No. 6

Statement of Revenue and other Financial Details

(This Volume is not bound in the Old Style)

PROVINCIAL SECRETARIAT, BOMBAY, 1821
Office of the Secretaries of State, with this Volume, on the
15th January 1821.

I have the honor to acknowledge the receipt of the copy of the
Statement of Revenue and other Financial Details, for the year
1820, which you have been good enough to send me, and to
inform me that it is now in the hands of the Secretaries of State.

The Statement of Revenue and other Financial Details, for the year
1820, is a very interesting and important document, and it is
to be regretted that it is not more generally known. It is
a document which should be read by every person who is
interested in the affairs of the Government, and it is
a document which should be read by every person who is
interested in the affairs of the country. It is a document
which should be read by every person who is interested
in the affairs of the Government, and it is a document
which should be read by every person who is interested
in the affairs of the country.

I am, Sir, very respectfully,
Your obedient servant,
J. B. [Signature]